

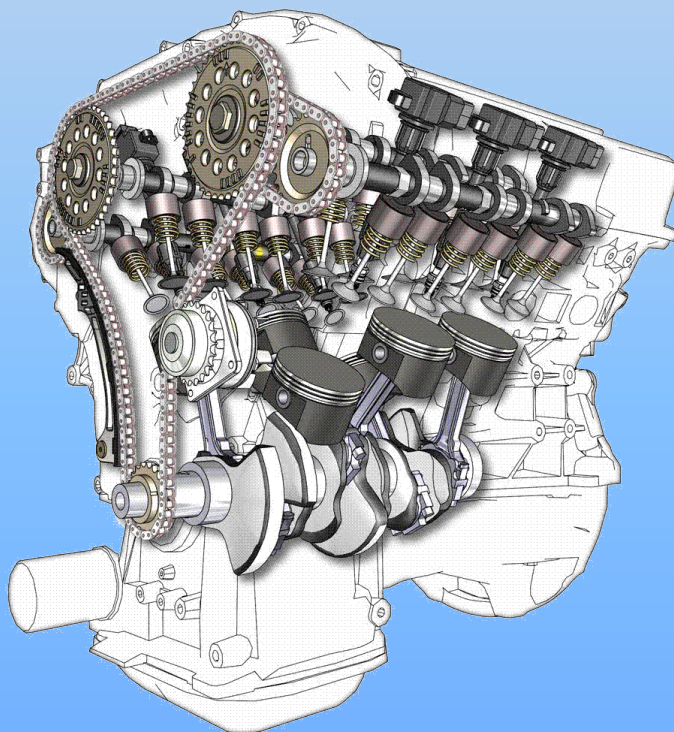


Taiwan Excellent Auto Engine Parts
Warranty for

2 Year / 20,000 km

DAIHATSU HINO TOYOTA

Diesel Engine Parts



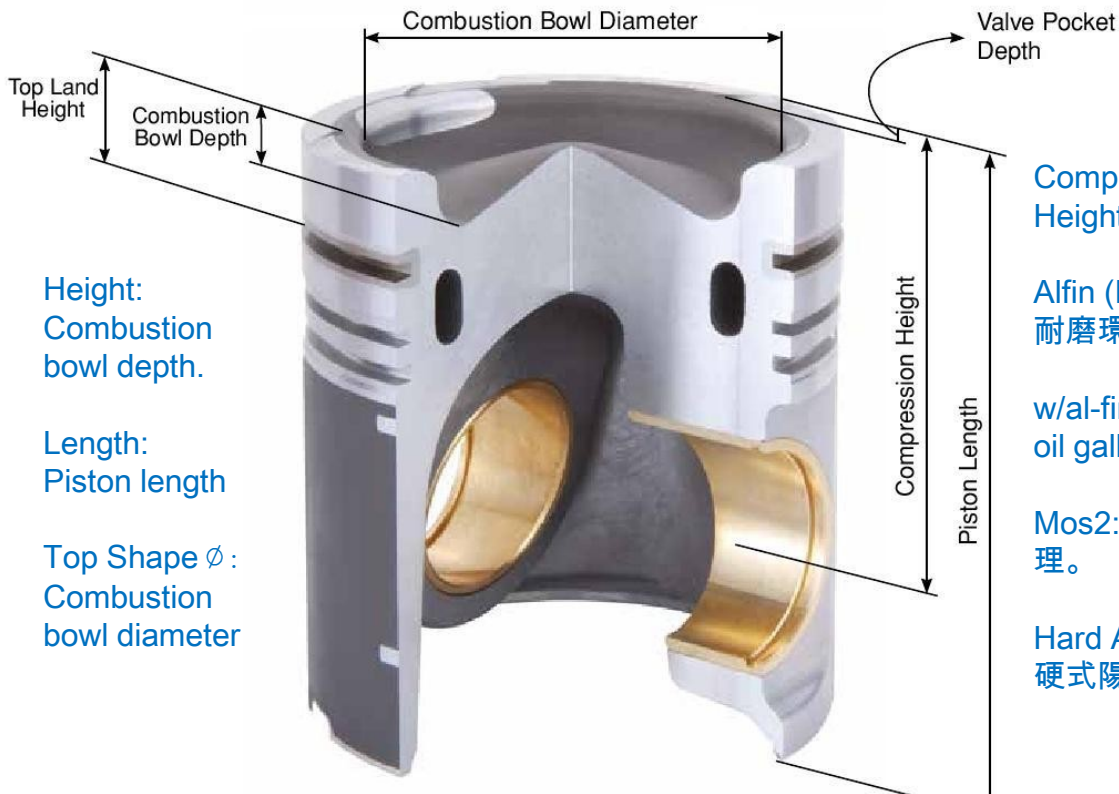
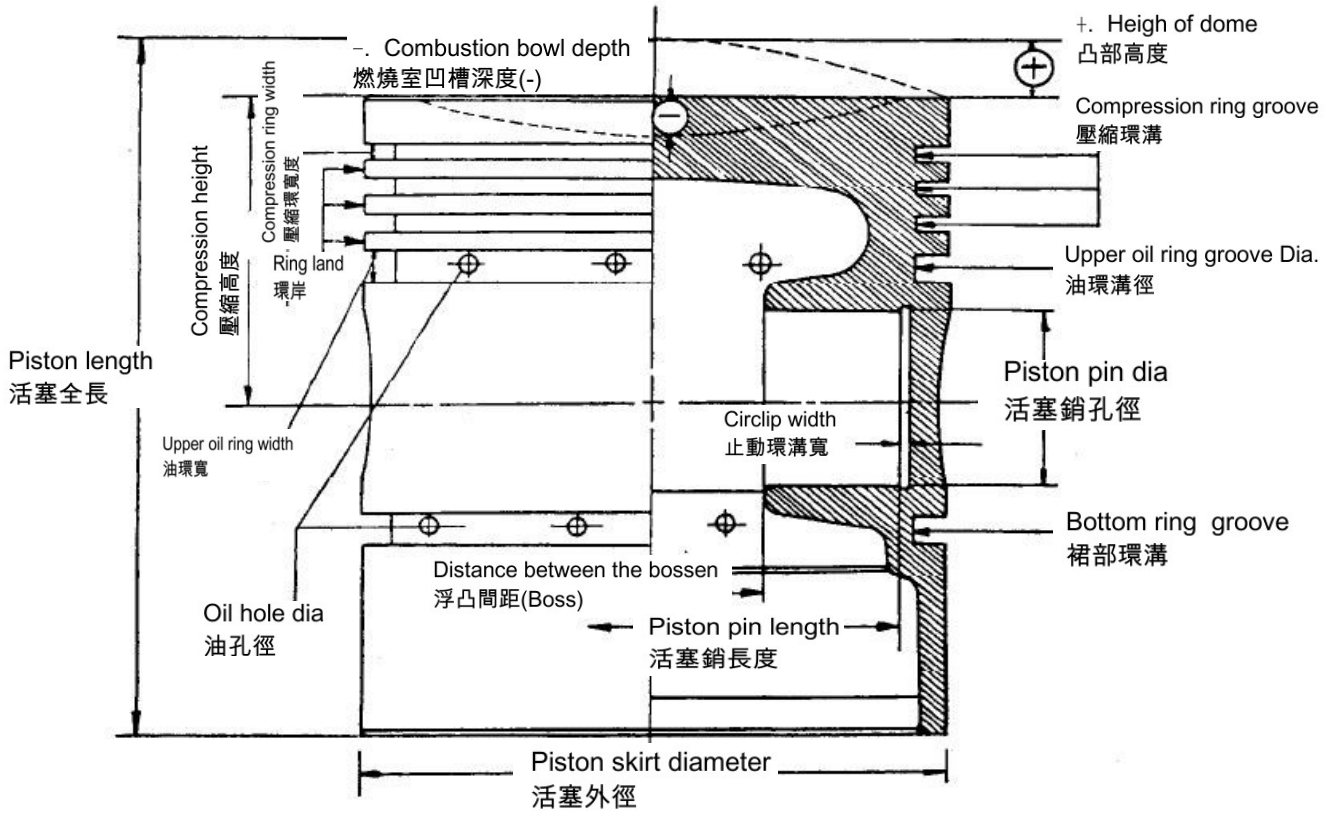
Contact Person: Mr. Jacky Tsai
Email 1: eton.jacky@msa.hinet.net
Email 2: valveparts2866@gmail.com
Tel : (8864) 2293-6969
Fax : (8864) 2293-7070
No. 90, Wenchang 1st St., North District,
Taichung City, Taiwan. 40464

E & T SCIENCE INC.

ISO/TS 16949
QS9000



PISTON TERMINOLOGY



Height:
Combustion bowl depth.

Length:
Piston length

Top Shape ϕ :
Combustion bowl diameter

Comp: Compression Height 壓縮高度

Alfin (Ring Carrier) 耐磨環

w/al-fin: Alfin and with oil gallery.

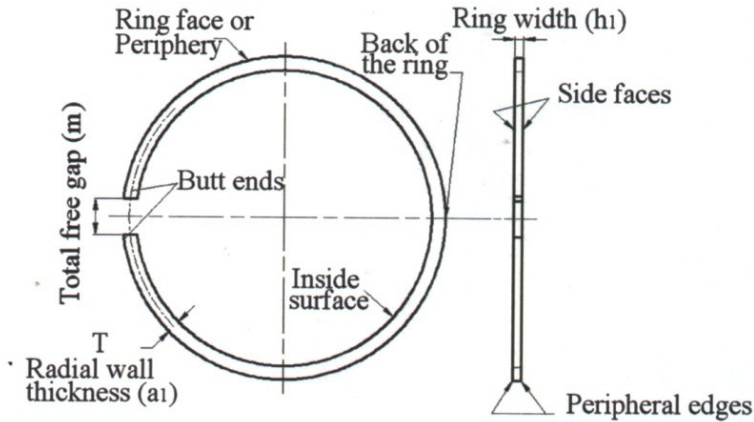
Mos2: 裙部二硫化鉬處理。

Hard Anodizing: 硬式陽極處理。

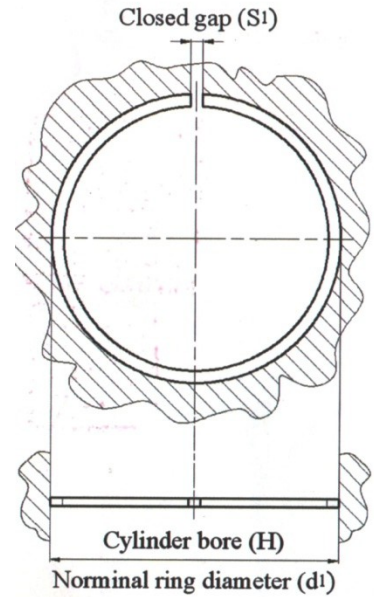


PISTON RING TERMINOLOGY

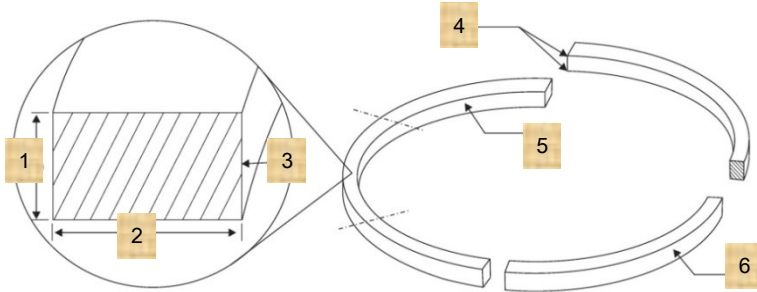
Free Ring(Unstressed)



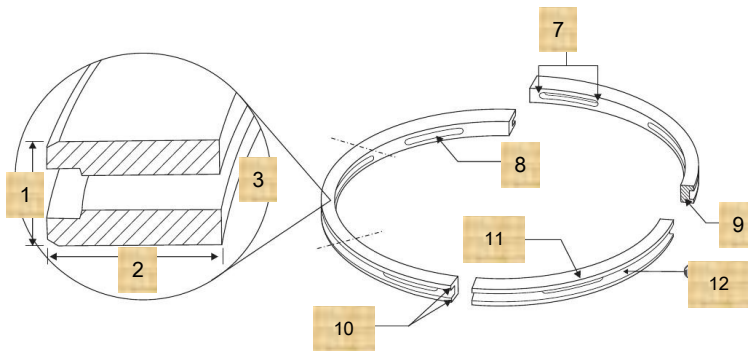
Closed Ring



Compression Ring



- 1. Piston ring width
- 2. Piston ring thickness
- 3. Inside edge of gap
- 4. Inside edges
- 5. Inside surface
- 6. Peripheral surface

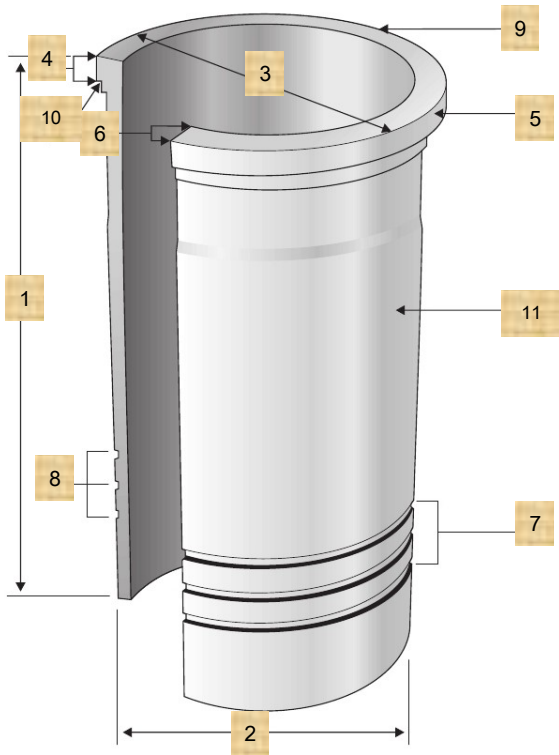


- 7. Inside edges of slot
- 8. Slot face
- 9. Gap face
- 10. Outside gap corners
- 11. Side face
- 12. Outside groove face

Oil Control Ring



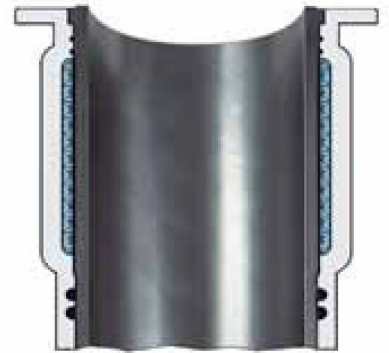
LINER/SLEEVE TERMINOLOGY



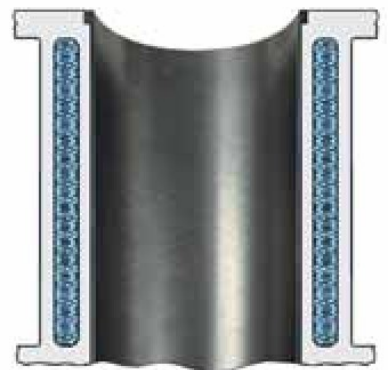
- 1. Total length
- 2. Outside diameter
- 3. Flange diameter
(Register diameter)
- 4. Flange depth
(Collar height)
- 5. Flange
- 6. Top land width
- 7. Sealing area
- 8. O-Ring groove
- 9. Firewall
- 10. Machining relief
- 11. Barel



Wet Cylinder Liner



Dry Cylinder Liner





BEARINGS TERMINOLOGY



Rocker arm bushes



Con rod bushes



Connecting rod bearing



Main bearing



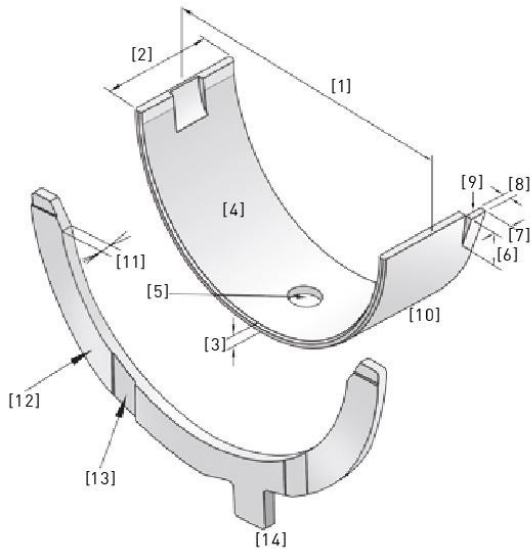
Flanged bearing



Thrust washers

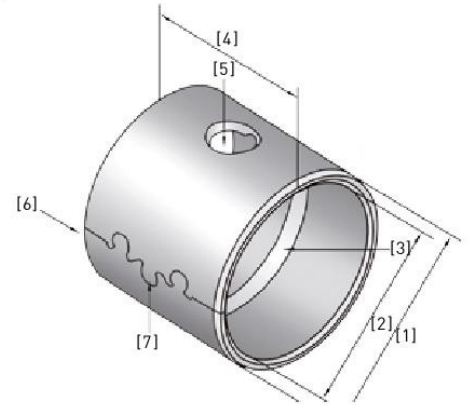


Camshaft bearing



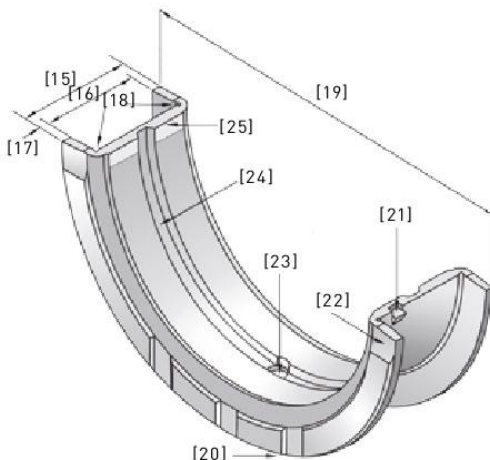
Bearing Shell

1. Free spread
2. Bearing length
3. Bearing wall thickness
4. Bearing surface
5. Lubrication hole
6. Length of locating lug
7. Width of locating lug
8. Height of locating lug
9. Locating lug relief
10. Bearing back



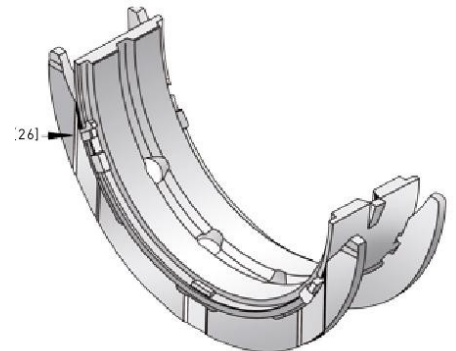
Bushing

1. Outside diameter
2. Inside diameter
3. Oil groove
4. Bushing length
5. Lubrication hole
6. Joint
7. Clinch



Flange Bearing

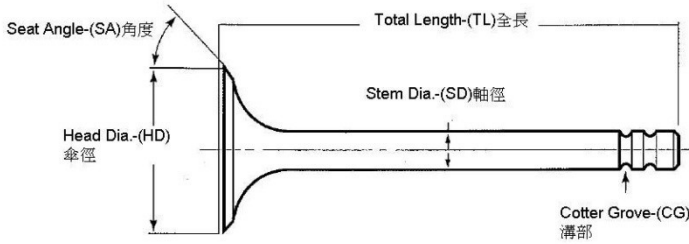
15. Flange bearing length
16. Distance between flange
17. Flange thickness
18. Flange relief grooves
19. Flange diameter
20. Relief at joint face
21. Locating lug
22. Relief at joint face
23. Lubrication hole
24. Oil groove
25. Relief at surface
26. Flange and Bearing assembly





ENGINE VALVE SPECIFICATION

ENGINE VALVE DIMENSION



Stem Top Hardness:
HRC 45~60

\sqrt{R} 0.005

Roundness Tolerance
≤0.005mm

— 0.005

Straightness Tolerance
≤0.005mm

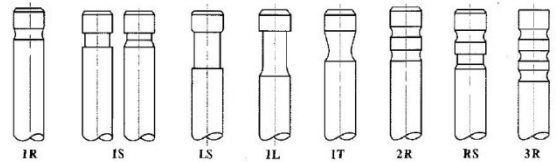
◎ ϕ 0.05

Concentricity Tolerance
≤0.05mm

SPECIFICATION



SHAPE OF COTTER GROOVE (CG)



引擎汽門(Engine Valve)使用鋼材對照

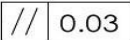
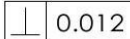
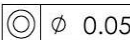
| 材料代號對照 | | | | | 材料化學成分 | | | | | | | | 適用於 |
|------------------------------------|---------------|--------------|---------------|----------------|-----------|-----------|----------|-----------|------------|-----------|-----------|------------|-------|
| Martensitic Steel 麻田散鐵 | | | | | | | | | | | | | IN/EX |
| ISO | JIS | SAE | DIN/BS | 大陸 | C | Si | Mn | P | S | Ni | Cr | Mo | |
| 42CrMo4 | SCM440 | 4140 | EN49 | | 0.43 | 0.35 | 0.85 | | | | 1.2 | 0.3 | |
| X45CrSi93 | SUH1 | HN3 | X45CrSi9 3 | 45Cr9Si3 | 0.4-0.5 | 3.0-3.5 | ≤0.60 | ≤0.03 | ≤0.03 | ≤0.5 | 7.5-9.0 | | |
| | SUH3 | | X40CrSiMo10-2 | 40Cr10Si2Mo | 0.30-0.45 | 1.8-2.5 | ≤0.60 | ≤0.03 | ≤0.03 | ≤0.6 | 10.0-12.0 | 0.7-1.3 | |
| | SUH4(XB) | ENV6 | EN59 | 80Cr20Si2Ni | 0.75-0.85 | 1.75-2.25 | 0.2-0.6 | ≤0.03 | ≤0.03 | 1.15-1.65 | 19.0-20.5 | | |
| X50CrSi82 | SUH11 | HN3 | EN52 | 51Cr8Si2 | 0.45-0.55 | 1.0-2.0 | ≤0.60 | ≤0.03 | ≤0.03 | | 7.5-9.5 | | |
| Austenitic Steel 奧斯田鐵 Non-magnetic | | | | | | | | | | | | | EX |
| | SUH31 | EV9 | | 45Cr14Ni14W2Mo | 0.3-0.45 | 1.5-2.5 | ≤0.60 | ≤0.04 | ≤0.03 | 13.0-15.0 | 14.0-16.0 | | |
| X53CrMnNiN214 | SUH35(21-4N) | EV8 | 349S54 | 53Cr21Mn9Ni4N | 0.58 | ≤0.35 | 8.0-10.0 | ≤0.01 | ≤0.03 | 3.25-4.5 | 20.0-22.0 | | |
| | SUH37(21-12N) | EV4 | 381S34 | 20Cr21Ni12N | 0.15-0.25 | 0.75-1.0 | 1.0-1.5 | ≤0.025 | ≤0.025 | 10.5-12.5 | 20.0-22.0 | | |
| | SUH38 | | | | 0.25-0.35 | ≤1.0 | ≤1.2 | 0.18-0.25 | ≤0.03 | 10.0-12.0 | 19.0-21.0 | 1.8-2.5 | |
| Nickel Basic alloy 鎳基合金 | | | | | | | | | | | | | EX |
| NiCr20TiAl | NiMonic 80A | 2.4952(HEV5) | | GH4080A | 0.10max | 1.0 | 1.0 | | Fe 3.0 max | 65.0min | 18.0-21.0 | Al 1.0-1.5 | |
| NiCr15Fe7TiAl | 751 | 2.4669(HEV3) | NiCr15FeTiAl | GH4751 | | | | | | | | | |

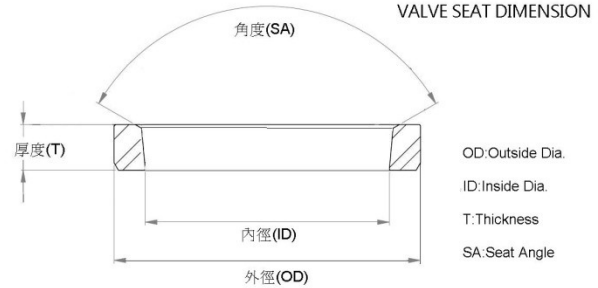
| STELLITE 鈷鉻鎢合金鋼(軸端與盤面焊補材質) | | | | | | |
|----------------------------|------|------|------|---------|---------|-----|
| | C | Cr | W | Fe | Co | HRC |
| Stellite #1 | 2.5 | 30.0 | 12.0 | 3.0 Max | Balance | 54 |
| Stellite #6 | 1.0 | 28.0 | 4.0 | 3.0 Max | Balance | 44 |
| Stellite #12 | 1.35 | 29.0 | 8.0 | 2.0 | Balance | 47 |



VALVE SEAT & GUIDE SPECIFICATION

Valve Seat:
High Chrome Alloy Steel
Hardness :HRC 36~47

-  0.03 Parallelism Tolerance $\leq 0.03\text{mm}$
-  0.012 Verticality Tolerance $\leq 0.012\text{mm}$
-  ϕ 0.05 Concentricity Tolerance $\leq 0.05\text{mm}$



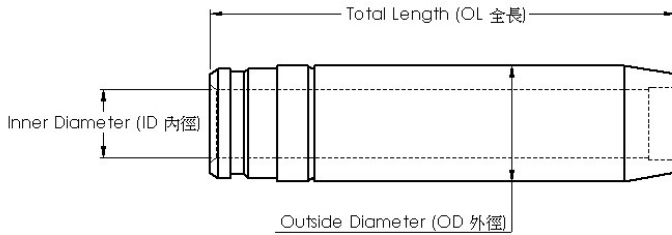
Valve Seat Material

汽門座圈材料成份表

材質:高鉻合金High Chrome Alloy Steel(耐熱合金鑄造鋼)



| | C | Si | Mn | P | S | Cr | Mo | Ni | V | Hardness 硬度HRC |
|---------------------------------|---------|---------|---------|-------------|-------------|---------|----------|----|---|-------------------|
| 高鉻合金 High Chrome Alloy Steel | 1.5~2.0 | 1.5~2.0 | 0.6~1.2 | ≤ 0.10 | ≤ 0.10 | 13.5~15 | 0.35~0.5 | | | 36~47 |

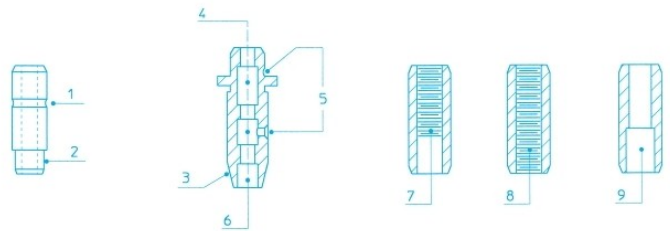


| (mm) | Inlet valve (μm) | Exhaust valve (μm) |
|-------------------|----------------------------------|------------------------------------|
| Stem dia. 6 - 7 | 10 - 40 | 25 - 55 |
| Stem dia. 8 - 9 | 20 - 50 | 35 - 65 |
| Stem dia. 10 - 12 | 40 - 70 | 55 - 85 |

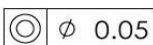
Valve Guide: Cast Iron FC25

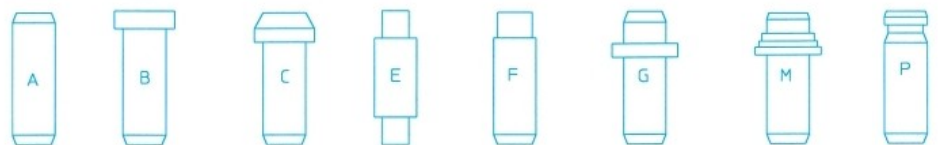
Hardness :HRB 92~102°

- Surface finish Ra $\leq 0.8\mu\text{m}$
- Inner diameter tolerance $\leq 0.01\text{mm}$
- Outer diameter tolerance $\leq 0.01\text{mm}$
- Concentricity diameter tolerance $\leq 0.05\text{mm}$



- 1.Outer groove for snap ring
- 2.Narrower end
- 3.Conical end
- 4.Recessd area in the bore
- 5.Lubrifation holes
- 6.Counterbore at end of guides
- 7/8.Lubrifation threads
- 9.Counter bore

 ϕ 0.05



Piston kit-Set

OEM NO. 13101-87306

| Piston | SIZE |
|--|------|
| Comp : 50.5 Height : -1.6 Length : 95.0 Top Shape : Flower Pin : 26.0 Length : 70.0 | STD |



Piston Ring

OEM NO. 13011-87305
NPR : SJD10-025ZZ

| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 2.5 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-87304

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 88.0 Out Diameter : 96.0 Total length : 182.0 Flange : 101.0*3.0+1.0 | STD |



Engine Bearing

MAIN : 11702-87305
CON.ROD : 13202-87303
T/W :
C/B :
BUSH : 90043-84018

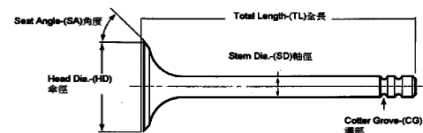
SIZE
STD



Engine Valve

OEM NO. 13711-87305
IN 40.0 9.0 136.2
OEM NO. 13715-87305
EX 33.0 9.0 136.2

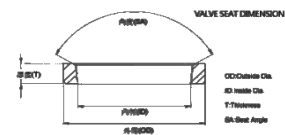
SIZE
STD



Valve Seat

OEM NO.
IN
OEM NO.
EX

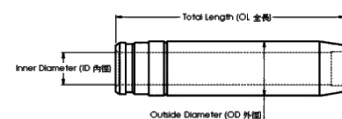
SIZE
STD



Valve Guide

OEM NO. 11122-87301/2
IN/EX 66.5 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13211-87324



Piston

SIZE

Comp : 50.5 w/al-fin Height : -1.8 Length : 95.0
Top Shape : Flower
Pin : 28.0
Length : 75.0

STD

Piston Ring

OEM NO. 13011-87310
NPR : SJD10-025ZZ



OEM Ring Groove

SIZE

Top : 2.5
2nd : 2.0
Oil : 4.0

STD

Cylinder Liner

OEM NO. 11461-87303



Liner&Sleeve

SIZE

In Diameter : 92.0
Out Diameter : 96.0
Total length : 182.0
Flange : 101.0*3.0+1.0

STD

Engine Bearing

MAIN : 11702-87306
CON.ROD : 13202-87305
T/W :
C/B : 11802-87301
BUSH : 90043-84086

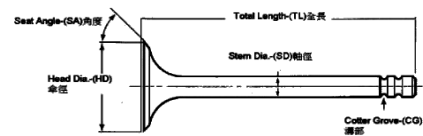


SIZE

STD

Engine Valve

OEM NO. 13711-87312/4
IN 40.0 9.0 127.5
OEM NO. 13715-87319/17
EX 33.0 9.0 127.5

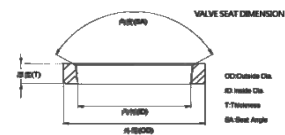


SIZE

STD

Valve Seat

OEM NO.
IN
OEM NO.
EX

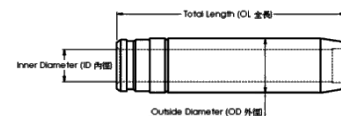


SIZE

STD

Valve Guide

OEM NO. 11122-87301/2
IN/EX 66.5 9.0 14.0



SIZE

STD

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-87303

| Piston | SIZE |
|--|------|
| Comp : 50.5 Height : -5.6 Length : 95.0 Top Shape : Flower Pin : 26.0 Length : 70.0 | STD |



Piston Ring

OEM NO. 992-5113-1410-00
NPR : SJD10-012ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 2.0 2nd : 2.0 3rd : 2.0 Oil : 4.0/4.0 | STD |



Cylinder Liner

OEM NO. 11461-87302

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 88.0 Out Diameter : 93.0 Total length : 182.0 Flange : 101.0*3.0+1.0 | STD |



Engine Bearing

MAIN : 11702-87305
CON.ROD : 13202-87303
T/W :
C/B :
BUSH : 90043-84018

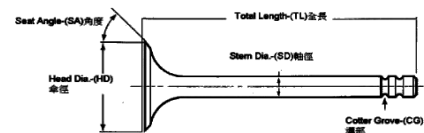
SIZE
STD



Engine Valve

OEM NO. 13711-87305/4
IN 40.0 9.0 136.2
OEM NO. 13715-87305/4
EX 33.0 9.0 136.2

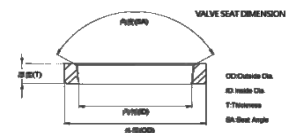
SIZE
STD



Valve Seat

OEM NO.
IN
OEM NO.
EX

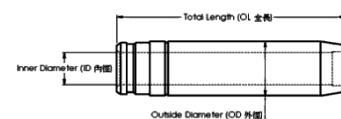
SIZE
STD



Valve Guide

OEM NO. 11122-87301/2
IN/EX 66.5 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.





HINO DIESEL ENGINE PARTS

| TYPE | NO | TYPE | NO |
|-----------|-------|------|-------|
| DK10 | 1 | V22C | 63 |
| DM100 | 2 | W04C | 64~65 |
| DQ100 | 3 | W04D | 66~67 |
| DS50 | 4 | W04E | 68 |
| DS70 | 5 | W06D | 69 |
| EB100 | 6 | W06E | 70 |
| EB300 | 7 | E13C | 71 |
| EC100 | 8 | P11C | 72~74 |
| ED100 | 9 | | |
| EF500 | 10 | | |
| EF550 | 11 | | |
| EF750 | 12~13 | | |
| EH100 | 14 | | |
| EH300 | 15 | | |
| EH700 | 16~17 | | |
| EK100 | 18 | | |
| EK130 | 19~20 | | |
| EK200 | 21 | | |
| EL100 | 22 | | |
| EM100 | 23 | | |
| EP100 | 24~25 | | |
| ER200 | 26 | | |
| F17 | 27~29 | | |
| F20 | 30~32 | | |
| F21 | 33 | | |
| H06C | 34~38 | | |
| H07C | 39~45 | | |
| J08C;J08E | 46~52 | | |
| K13C 12V | 53 | | |
| K13C 24V | 54~55 | | |
| K13D | 56~57 | | |
| M10C | 58~59 | | |
| M10U | 60 | | |
| P09C | 61 | | |
| S05C | 62 | | |

HINO DK10

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 120.0 MM
Swept Volume 10178 ccm

Piston kit-Set

OEM NO. 13216-1060A/13216-1080A

Piston

SIZE

Comp : 95.4 Height : -7.0 Length : 164.4
 Top Shape : Flower
 Pin : 48.0
 Length : 99.5

STD



Piston Ring

OEM NO. 13011-1200
 NPR : SJH20-012ZZ

OEM Ring Groove

SIZE

Top : 3.5
 2nd : 3.5
 3rd : 3.5
 Oil : 5.0/5.0

STD



Cylinder Liner

OEM NO. 11467-1380B

Liner&Sleeve

SIZE

In Diameter : 120.0
 Out Diameter : 138.0
 Total length : 292.0
 Flange : 145.0*11.0+1.5

STD



Engine Bearing

MAIN : 11701-1110
 CON.ROD : 13201-1271
 T/W : 11011-1050
 C/B : 11812-1010
 BUSH : 13272-1190

SIZE

STD

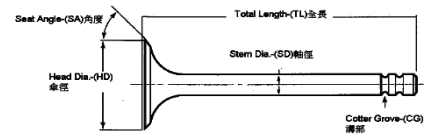


Engine Valve

OEM NO. 13711-1130
 IN 57.2 12.0 175.0
 OEM NO. 13715-1150
 EX 51.0 12.0 175.0

SIZE

STD

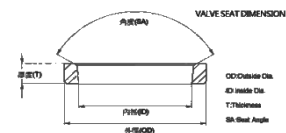


Valve Seat

OEM NO.
 IN
 OEM NO.
 EX

SIZE

STD

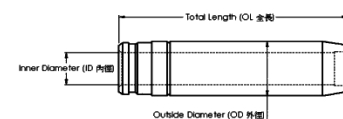


Valve Guide

OEM NO. 11121-1140
 IN 87.5 12.0 22.0
 OEM NO. 11125-1130
 EX 96.0 12.0 22.0

SIZE

STD



Gasket Set

OEM NO.



HINO DM100

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 90.0 MM
Swept Volume 4313 ccm

Piston kit-Set

OEM NO. 13216-1120

| Piston | SIZE |
|--|------|
| Comp : 53.8 Height : -4.55 Length : 104.0 Top Shape : Flower Pin : 29.0 Length : 77.0 | STD |



Piston Ring

OEM NO. 13001-1350
NPR : SJH20-004ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 2.5 2nd : 2.5 3rd : 2.5 Oil : 4.0/4.0 | STD |



Cylinder Liner

OEM NO. 11467-1440

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 90.0 Out Diameter : 104.5 Total length : 199.0 Flange : 110.0*9.0+1.0 | STD |



Engine Bearing

MAIN : 11701-1180
CON.ROD : 13201-1140
T/W : 11011-1080
C/B : 11812-1040
BUSH : 13272-1130

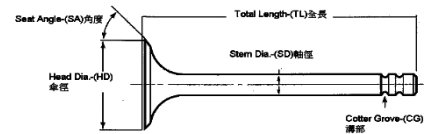
SIZE
STD



Engine Valve

OEM NO. 13711-1170A
IN 43.5 9.0 137.6
OEM NO. 13715-1320A
EX 36.0 9.0 137.6

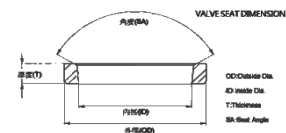
SIZE
STD



Valve Seat

OEM NO. 11131-1301A
IN 44.7 39.3 6.2 90°
OEM NO. 11135-1301A
EX 38.0 32.0 6.1 90°

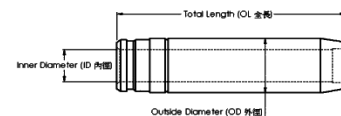
SIZE
STD



Valve Guide

OEM NO. 11122-1090A
IN 70.0 9.0 17.0
OEM NO. 11126-1050A
EX 73.0 9.0 17.0

SIZE
STD



Gasket Set

OEM NO.



HINO DQ100

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 92.0 MM
Swept Volume 4507 ccm

Piston kit-Set

OEM NO. 13216-1130

Piston

SIZE

Comp : 53.8 Height : -4.75 Length : 104.0
Top Shape : Flower
Pin : 29.0
Length : 76.0

STD



Piston Ring

OEM NO. 13011-1360A
NPR : SCH20-032ZZ

OEM Ring Groove

SIZE

Top : 2.5
2nd : 2.5
3rd : 2.5
Oil : 4.0/4.0

STD



Cylinder Liner

OEM NO. 11467-1480

Liner&Sleeve

SIZE

In Diameter : 92.0
Out Diameter : 105.5
Total length : 199.0
Flange : 111.0*9.0+1.0

STD



Engine Bearing

MAIN : 11701-1180
CON.ROD : 13201-1140
T/W : 11011-1080
C/B : 11812-1040
BUSH : 13272-1130

SIZE

STD

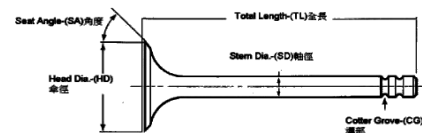


Engine Valve

OEM NO. 13711-1170A
IN 43.5 9.0 137.6
OEM NO. 13715-1320A
EX 36.0 9.0 137.6

SIZE

STD

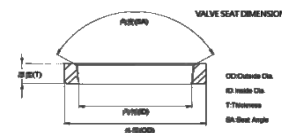


Valve Seat

OEM NO. 11131-1301A
IN 44.7 39.3 6.2 90°
OEM NO. 11135-1301A
EX 38.0 32.0 6.1 90°

SIZE

STD

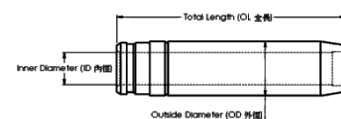


Valve Guide

OEM NO. 11122-1090A
IN 70.0 9.0 17.0
OEM NO. 11126-1050A
EX 73.0 9.0 17.0

SIZE

STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1050

Piston

SIZE

 Comp : 78.8 Height : -6.8 Length : 145.5
 Top Shape : Flower
 Pin : 40.0
 Length : 92.0

STD



Piston Ring

OEM NO. 13011-1230

NPR : SCH20-007ZZ

OEM Ring Groove

SIZE

 Top : 3.0
 2nd : 3.0
 3rd : 3.0
 Oil : 4.5/4.5

STD



Cylinder Liner

OEM NO. 11467-1230A

Liner&Sleeve

SIZE

 In Diameter : 110.0
 Out Diameter : 124.5
 Total length : 266.0
 Flange : 131.0*10.0+1.0

STD



Engine Bearing

 MAIN : 11701-1360
 CON.ROD : 13201-1230
 T/W : 11011-1130
 C/B : 11812-1060
 BUSH : 13272-1180

SIZE

STD

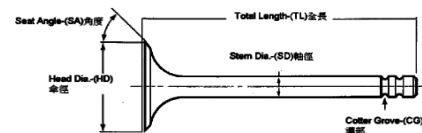


Engine Valve

 OEM NO. 13711-1310A
 IN 53.0 11.0 161.0
 OEM NO. 13715-1450A
 EX 45.0 11.0 161.0

SIZE

STD

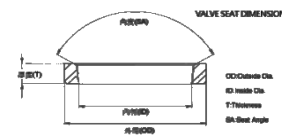


Valve Seat

 OEM NO.
 IN
 OEM NO.
 EX

SIZE

STD

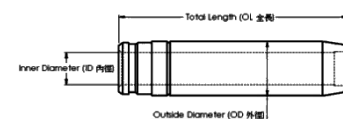


Valve Guide

 OEM NO. 2872-1307-00
 IN 84.5 11.0 18.5
 OEM NO. 2872-1308-00
 EX 91.0 11.0 18.5

SIZE

STD



Gasket Set

OEM NO.



Piston kit-Set

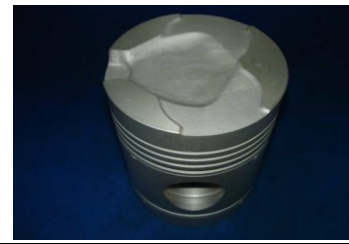
OEM NO. 13216-1040

Piston

SIZE

Comp : 78.6 Height : -11 Length : 140
Top Shape : Flower
Pin : 40.0
Length : 82.0

STD



Piston Ring

OEM NO. 13011-1210
NPR : SCH20-006ZZ

OEM Ring Groove

SIZE

Top : 3.0
2nd : 3.0
3rd : 3.0
Oil : 4.5/4.5

STD



Cylinder Liner

OEM NO. 11467-1280

Liner&Sleeve

SIZE

In Diameter : 105.0
Out Diameter : 122.5
Total length : 261.0
Flange : 130.0*10.0+1.0

STD



Engine Bearing

MAIN : 11701-1360
CON.ROD : 13201-1230
T/W : 11011-1130
C/B : 11812-1060
BUSH : 13272-1180

SIZE

STD

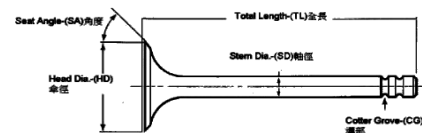


Engine Valve

OEM NO. 13711-1320B
IN 50.0 10.0 157.0
OEM NO. 13715-1460A
EX 43.0 10.0 157.0

SIZE

STD

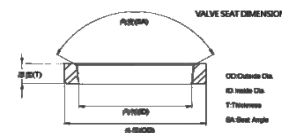


Valve Seat

OEM NO.
IN
OEM NO.
EX

SIZE

STD

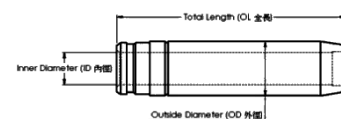


Valve Guide

OEM NO. 2874-1310-00
IN 82.7 10.0 18.5
OEM NO. 2874-1313-00
EX 89.0 10.0 18.5

SIZE

STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1090



Piston

SIZE

Comp : 86.8 Height : -2.2 Length : 153.3
Top Shape : Flower
Pin : 43.0
Length : 98.0

STD

Piston Ring

OEM NO. 13011-1780
NPR : SJH20-010ZZ



OEM Ring Groove

SIZE

Top : 3.5
2nd : 3.0
3rd : 3.0
Oil : 5.0/5.0

STD

Cylinder Liner

OEM NO. 11467-1390



Liner&Sleeve

SIZE

In Diameter : 115.0
Out Diameter : 131.5
Total length : 278
Flange : 139.0*11.0+1.5

STD

Engine Bearing

MAIN : 11701-1160
CON.ROD : 13201-1111
T/W : 11011-1060
C/B : 11812-1020
BUSH : 13272-1230

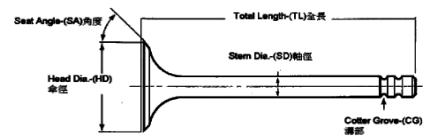


SIZE

STD

Engine Valve

OEM NO. 13711-1140
IN 54.0 11.7 175.0
OEM NO. 13715-1290
EX 48.0 11.7 175.0

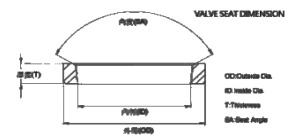


SIZE

STD

Valve Seat

OEM NO.
IN
OEM NO.
EX

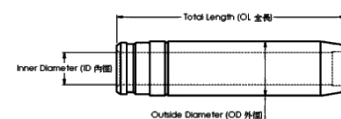


SIZE

STD

Valve Guide

OEM NO. 11121-1120
IN 88.0 11.7 22.0
OEM NO. 2874-1313-00
EX 96.2 11.7 22.0



SIZE

STD

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1110

| | |
|--|------|
| Piston | SIZE |
| Comp : 86.4 w/al-fin Height : -7.3 Length : 155.4 Top Shape : Flower Pin : 45.0 Length : 97.0 | STD |



Piston Ring

OEM NO. 12011-1330
NPR : SDH20-017ZZ

| | |
|--|------|
| OEM Ring Groove | SIZE |
| Top : 3.5 2nd : 3.5 3rd : 3.5 Oil : 6.0 | STD |



Cylinder Liner

OEM NO. 11467-1180

| | |
|--|------|
| Liner&Sleeve | SIZE |
| In Diameter : 120.0 Out Diameter : 136.0 Total length : 287.3 Flange : 143.0*11.1+0.8 | STD |



Engine Bearing

MAIN : 11701-1161
CON.ROD : 13201-1300
T/W : 11011-1171
C/B : 11812-1020
BUSH : 13272-1100

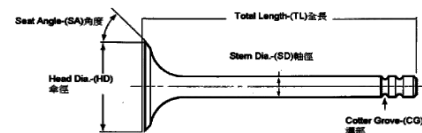
SIZE
STD



Engine Valve

OEM NO. 13711-1030
IN 54.0 12.0 175.0
OEM NO. 13715-1040
EX 48.0 12.0 175.0

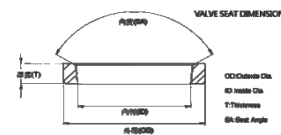
SIZE
STD



Valve Seat

OEM NO.
IN
OEM NO.
EX

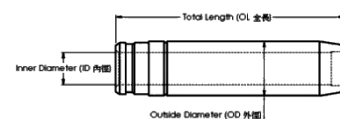
SIZE
STD



Valve Guide

OEM NO. 11122-1030A
IN 88.5 12.0 22.0
OEM NO. 11126-1030A
EX 96.0 12.0 22.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1140

| Piston | SIZE |
|---|------|
| Comp : 58.0 Height : -4.2 Length : 112.0 Top Shape : Flower Pin : 31.5 Length : 81.5 | STD |



Piston Ring

OEM NO. 13011-1390
NPR : SCH20-005ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 2.5 2nd : 2.5 3rd : 2.5 Oil : 4.0/4.0 | STD |



Cylinder Liner

OEM NO. 11467-1130

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 97.0 Out Diameter : 110.5 Total length : 206.0 Flange : 117.0*10.0+1.0 | STD |



Engine Bearing

MAIN : 11701-1260
CON.ROD : 13201-1170
T/W : 11011-1110
C/B : 11812-1030
BUSH : 13272-1140

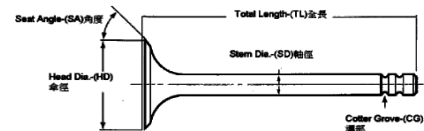
SIZE
STD



Engine Valve

OEM NO. 13711-1180A
IN 46.5 9.0 132.5
OEM NO. 13715-1330
EX 37.5 9.0 132.5

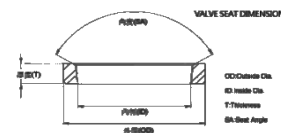
SIZE
STD



Valve Seat

OEM NO. 11131-1120
IN 48.0 41.6 6.5 90°
OEM NO. 11135-1020
EX 39.3 32.8 6.3 90°

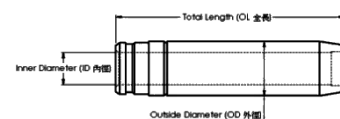
SIZE
STD



Valve Guide

OEM NO. 11122-1090A
IN 70.0 9.0 17.0
OEM NO. 11126-1030A
EX 73.0 9.0 17.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1170



| Piston | SIZE |
|--|------|
| Comp : 99.2 Height : -49.4 Length : 160.0 Top Shape : 49.1 Direct Injection Pin : 48.0 Length : 107.0 | STD |

Piston Ring

OEM NO. 13011-1470
NPR : SDH20-020ZZ



| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.5 2nd : 3.5 3rd : 3.5 Oil : 6.0 | STD |

Cylinder Liner

OEM NO. 11467-1370



| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 128.0 Out Diameter : 144.0 Total length : 291.0 Flange : 151.0*11.1+0.8 | STD |

Engine Bearing

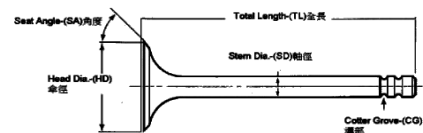
MAIN :
CON.ROD :
T/W :
C/B :
BUSH :



| | SIZE |
|--|------|
| | STD |

Engine Valve

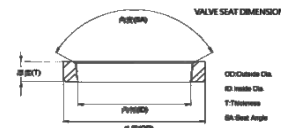
OEM NO. 13711-1240A
IN 58.0 12.0 174.7
OEM NO. 13715-1380A
EX 52.0 12.0 174.4



| | SIZE |
|--|------|
| | STD |

Valve Seat

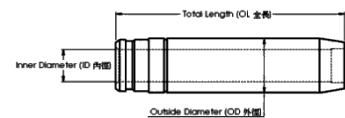
OEM NO. 11131-1080
IN 60.0 51.0 10.0
OEM NO. 11135-1180A
EX 54.0 45.5 8.8



| | SIZE |
|--|------|
| | STD |

Valve Guide

OEM NO. 11122-1100
IN 92.0 12.0 20.0
OEM NO. 11126-1080
EX 104.0 12.0 20.0



| | SIZE |
|--|------|
| | STD |

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13226-1022(R)/13216-1252(L)

| Piston | SIZE |
|---|------|
| Comp : \varnothing 90.3 w/al-fin Height : -30.0 Length : 145.3 Top Shape : 69.0 Direct Injection Pin : 50.0 Length : 110.0 | STD |

Piston Ring

OEM NO. 13011-1131
NPR : SDH20-019ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.3DK 2nd : 3.5 3rd : 3.5 Oil : 6.0 | STD |



Cylinder Liner

OEM NO. 11467-1101

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 135.0 Out Diameter : 153.0 Total length : 248.0 Flange : 165.0*13.6+0.8 | STD |



Engine Bearing

MAIN : 11701-1023
CON.ROD : 13201-1021
T/W : 11011-1150
C/B :
BUSH : 13272-1050

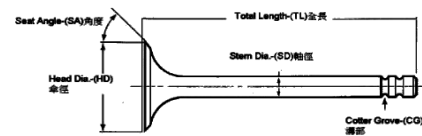
SIZE
STD



Engine Valve

OEM NO. 13711-1370A
IN 56.0 12.0 168.9
OEM NO. 13715-1060
EX 52.0 12.0 168.9

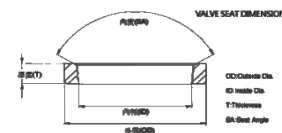
SIZE
STD



Valve Seat

OEM NO. 11131-1031A
IN 60.0 50.0 9.5
OEM NO. 11135-1031A
EX 54.0 44.0 9.0

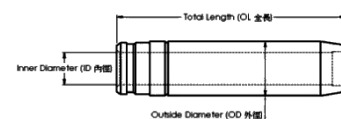
SIZE
STD



Valve Guide

OEM NO. 11122-1020
IN 96.0 12.0 17.0
OEM NO. 11126-1020
EX 96.0 12.0 17.0

SIZE
STD



Gasket Set

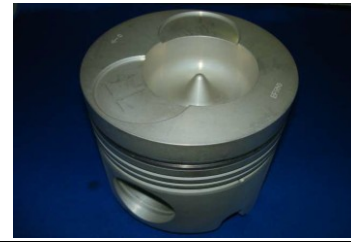
OEM NO.



Piston kit-Set

OEM NO. 13226-1140(R)/13216-1560(L)

| Piston | SIZE |
|---|------|
| Comp : \varnothing 90.3 w/al-fin Height : -30.4 Length : 145.3 Top Shape : 71.0 Direct Injection Pin : 50.0 Length : 110.0 | STD |



Piston Ring

OEM NO. 13011-2010
NPR : SDH20-039ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 2.8DK 2nd : 3.5 3rd : 3.0 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1690

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 135.0 Out Diameter : 153.0 Total length : 248.0 Flange : 165.0*12.1+0.8 | STD |



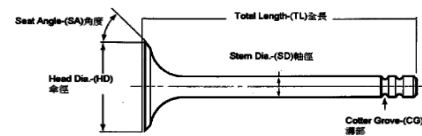
Engine Bearing

| MAIN : 11701-1580 CON.ROD : 13201-1380 T/W : 11011-1210 C/B : 11811-1170 BUSH : 13272-1240 | SIZE |
|--|------|
| | STD |



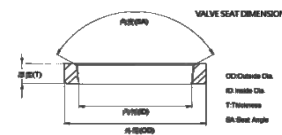
Engine Valve

| OEM NO. 13711-1380/90 IN 57.0 12.0 170.0 OEM NO. 13715-1012 EX 53.0 12.0 170.0 | SIZE |
|---|------|
| | STD |



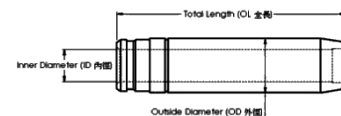
Valve Seat

| OEM NO. 11131-1020A IN 61.0 50.0 10.0 OEM NO. 11135-1370 EX 55.0 45.0 10.0 | SIZE |
|---|------|
| | STD |



Valve Guide

| OEM NO. 11122-1040 IN/EX 87.0 12.0 17.0 | SIZE |
|--|------|
| | STD |



Gasket Set

OEM NO.



HINO

EF750

Application : TRUCK
Number of Cylinders 8
Cylinder dia. 137.0 MM
Swept Volume 15920 ccm

Piston kit-Set

OEM NO. 13226-1170(R)/13216-1860(L)

| Piston | SIZE |
|---|------|
| Comp : \varnothing 90.3 w/al-fin Height : -30.3 Length : 145.3 Top Shape : 73.8 Direct Injection Pin : 50.0 Length : 110.0 | STD |



Piston Ring

OEM NO. 13011-2710
 NPR : SJH20-059ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.3DK 2nd : 3.5 3rd : 3.0 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1900

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 137.0 Out Diameter : 153.0 Total length : 248.0 Flange : 165.0*12.1+0.8 | STD |



Engine Bearing

MAIN : 11701-1580
 CON.ROD : 13201-1380
 T/W : 11011-1260
 C/B : 11811-1170
 BUSH : 13272-1240

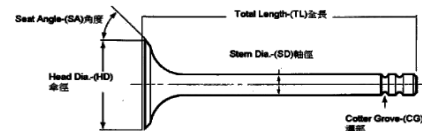
| SIZE |
|------|
| STD |



Engine Valve

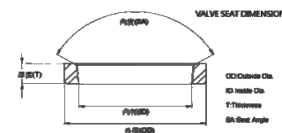
OEM NO. 13711-1420
 IN 57.0 12.0 170.0
 OEM NO. 13715-1013
 EX 53.0 12.0 170.0

| SIZE |
|------|
| STD |



Valve Seat

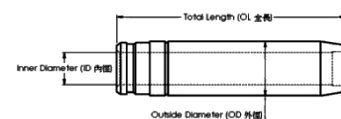
| OEM NO. 11131-1020A | OEM NO. 11131-1031A | SIZE |
|---------------------|---------------------|------|
| IN 61.0 50.0 10.0 | IN 60.0 50.0 9.8 | STD |
| OEM NO. 11135-1370 | OEM NO. 11135-1010C | |
| EX 55.0 45.0 10.0 | EX 55.0 45.0 9.3 | |



Valve Guide

OEM NO. 11122-1040
 IN/EX 87.0 12.0 17.0

| SIZE |
|------|
| STD |



Gasket Set

OEM NO.



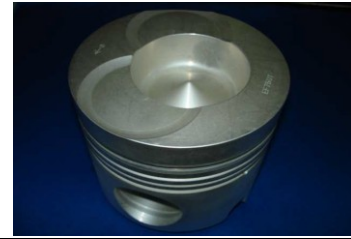
HINO EF750T

Application : TRUCK
Number of Cylinders 8
Cylinder dia. 137.0 MM
Swept Volume 15920 ccm

Piston kit-Set

OEM NO. 13226-1152(R)/13216-1742(L)

| Piston | SIZE |
|---|------|
| Comp : 90.3 w/al-fin Height : -30.3 Length : 145.3 Top Shape : 73.7 Direct Injection Pin : 50.0 Length : 110.0 | STD |



Piston Ring

OEM NO. 13011-2710
NPR : SJH20-059ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.3DK 2nd : 3.5 3rd : 3.0 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1900

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 137.0 Out Diameter : 153.0 Total length : 248.0 Flange : 165.0*12.1+0.8 | STD |



Engine Bearing

MAIN : 11701-1580
CON.ROD : 13201-1380
T/W : 11011-1260
C/B : 11811-1170
BUSH : 13272-1240

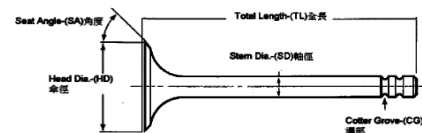
| SIZE |
|------|
| STD |



Engine Valve

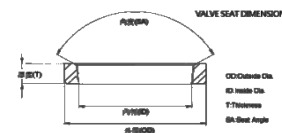
OEM NO. 13711-1420
IN 57.0 12.0 170.0
OEM NO. 13715-1013
EX 53.0 12.0 170.0

| SIZE |
|------|
| STD |



Valve Seat

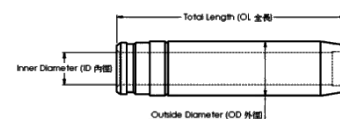
| OEM NO. 11131-1020A | OEM NO. 11131-1031A | SIZE |
|---------------------|---------------------|------|
| IN 61.0 50.0 10.0 | IN 60.0 50.0 9.8 | STD |
| OEM NO. 11135-1370 | OEM NO. 11135-1010C | |
| EX 55.0 45.0 10.0 | EX 55.0 45.0 9.3 | |



Valve Guide

OEM NO. 11122-1040
IN/EX 87.0 12.0 17.0

| SIZE |
|------|
| STD |



Gasket Set

OEM NO.



HINO EH100

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 105.0 MM
Swept Volume 5871 ccm

Piston kit-Set

OEM NO. 13216-1010

| Piston | SIZE |
|---|------|
| Comp : 59.0 Height : -6.7 Length : 112.0 Top Shape : Flower Pin : 34.0 Length : 90.0 | STD |



Piston Ring

OEM NO. 13011-1150
NPR : SHH20-021ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 2.5 2nd : 2.5 3rd : 2.5 Oil : 4.0/4.0 | STD |



Cylinder Liner

OEM NO. 11467-1030

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 105.0 Out Diameter : 110.0 Total length : 206.0 Flange : 115.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1271
CON.ROD : 13201-1180
T/W : 11011-1110
C/B : 11812-1030
BUSH : 13271-1030

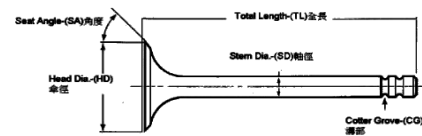
SIZE
STD



Engine Valve

OEM NO. 13711-1200A
IN 49.5 9.0 132.5
OEM NO. 13715-1350
EX 41.7 9.0 132.5

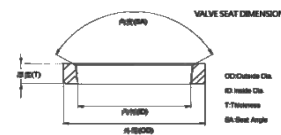
SIZE
STD



Valve Seat

OEM NO.
IN
OEM NO.
EX

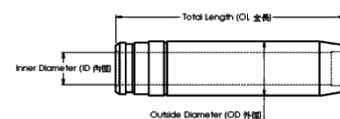
SIZE
STD



Valve Guide

OEM NO. 11122-1090A
IN 70.0 9.0 17.0
OEM NO. 11126-1050A
EX 73.0 9.0 17.0

SIZE
STD



Gasket Set

OEM NO.



HINO EH300

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 108.0 MM
Swept Volume 6211 ccm

Piston kit-Set

OEM NO. 13216-1160

| Piston | SIZE |
|---|------|
| Comp : 59.5 Height : -5.9 Length : 114.0 Top Shape : Flower Pin : 35.0 Length : 90.0 | STD |



Piston Ring

OEM NO. 13011-1032
NPR : SJH20-022ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.0 2nd : 2.5 3rd : 5.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11467-1601

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 108.0 Out Diameter : 112.0 Total length : 204.0 Flange : 118.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1271
CON.ROD : 13201-1190
T/W : 11011-1110
C/B : 11812-1030
BUSH : 13272-1030

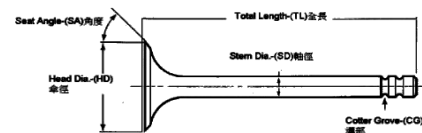
SIZE
STD



Engine Valve

OEM NO. 13711-1210A
IN 50.5 9.0 133.0
OEM NO. 13715-1360A
EX 42.5 9.0 133.0

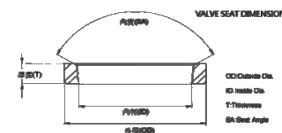
SIZE
STD



Valve Seat

OEM NO. 11131-1210A
IN 52.0 44.0 7.8
OEM NO. 11135-1200A
EX 44.0 36.5 6.3

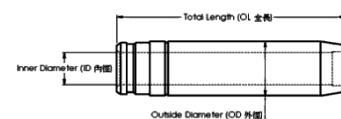
SIZE
STD



Valve Guide

OEM NO. 11122-1070
IN 69.5 9.0 17.0
OEM NO. 11126-1041
EX 69.5 9.0 17.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1181

Piston

SIZE

Comp : \varnothing 69.3 w/al-fin Height : -24.0 Length : 121.3
Top Shape : 54.5
Direct Injection
Pin : 39.0 Length : 90.0

STD



Piston Ring

OEM NO. 13011-1620
NPR : SJH20-043ZZ

OEM Ring Groove

SIZE

Top : 3.0
2nd : 2.5
3rd : 2.5
Oil : 5.0

STD



Cylinder Liner

OEM NO. 11467-1210A

Liner&Sleeve

SIZE

In Diameter : 110.0
Out Diameter : 113.0
Total length : 204.0
Flange : 118.0*8.0+0.8

STD



Engine Bearing

MAIN : 11701-1271
CON.ROD : 13201-1261
T/W : 11011-1110
C/B : 11812-1051
BUSH : 13272-1270

SIZE

STD

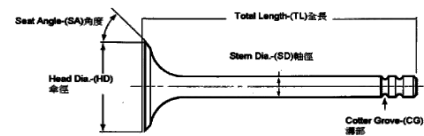


Engine Valve

OEM NO. 13711-1081D
IN 48.0 9.0 142.0
OEM NO. 13715-1111/0
EX 42.5 9.0 142.0

SIZE

STD

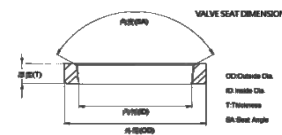


Valve Seat

OEM NO. 11131-1230/1140A
IN 52 41.5 7.8
OEM NO. 11135-1240
EX 46.5 36.5 8.3

SIZE

STD

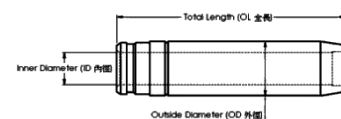


Valve Guide

OEM NO. 11122-1060
IN/EX 69.0 9.0 16.0

SIZE

STD



Gasket Set

OEM NO.



HINO EH700T

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 110.0 MM
Swept Volume 6443 ccm

Piston kit-Set

OEM NO. 13216-1380

| | |
|--|------|
| Piston | SIZE |
| Comp : \emptyset 69.3 w/al-fin Height : -24.9 Length : 121.3 Top Shape : 58.0 Direct Injection Pin : 39.0 Length : 90.0 | STD |



Piston Ring

OEM NO. 13011-1620
NPR : SJH20-043ZZ

| | |
|--|------|
| OEM Ring Groove | SIZE |
| Top : 3.0 2nd : 2.5 3rd : 2.5 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1210A

| | |
|---|------|
| Liner&Sleeve | SIZE |
| In Diameter : 110.0 Out Diameter : 113.0 Total length : 204.0 Flange : 118.0*8.0+0.8 | STD |



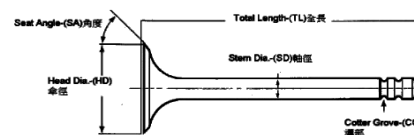
Engine Bearing

| | |
|--|------|
| MAIN : 11701-1271 CON.ROD : 13201-1261 T/W : 11011-1110 C/B : 11812-1051 BUSH : 13272-1270 | SIZE |
| | STD |



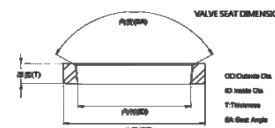
Engine Valve

| | |
|---|------|
| OEM NO. 13711-1081D IN 48.0 9.0 142.0 OEM NO. 13715-1111/0 EX 42.5 9.0 142.0 | SIZE |
| | STD |



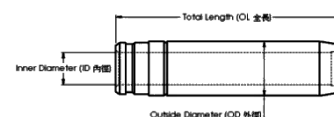
Valve Seat

| | |
|--|------|
| OEM NO. 11131-1230/1140A IN 52 41.5 7.8 OEM NO. 11135-1240 EX 46.5 36.5 8.3 | SIZE |
| | STD |



Valve Guide

| | |
|--|------|
| OEM NO. 11122-1060 IN /EX 69.0 9.0 16.0 | SIZE |
| | STD |



Gasket Set

OEM NO.



HINO EK100

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 137.0 MM
Swept Volume 13267 ccm

Piston kit-Set

OEM NO. 13216-1224/13216-1220



Piston

SIZE

Comp : \emptyset 90.2 w/al-fin Height : -31.6 Length : 145.5
Top Shape : 73.6
Direct Injection
Pin : 50.0 Length : 110.0

STD

Piston Ring

OEM NO. 13011-1010
NPR : SDH20-023ZZ

OEM Ring Groove

SIZE

Top : 3.3DK
2nd : 3.5
3rd : 3.5
Oil : 6.0

STD



Cylinder Liner

OEM NO. 11467-1910

Liner&Sleeve

SIZE

In Diameter : 137.0
Out Diameter : 153.0
Total length : 267.0
Flange : 164.0*12.1+0.8

STD



Engine Bearing

MAIN : 11701-1013
CON.ROD : 13201-1012
T/W : 11011-1011
C/B : 11811-1190
BUSH : 13272-1010

SIZE

STD

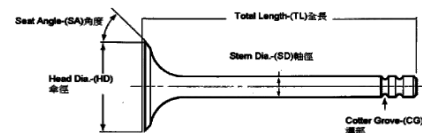


Engine Valve

OEM NO. 13711-1011A
IN 57.0 12.0 172.0
OEM NO. 13715-1010/11A
EX 53.0 12.0 172.0

SIZE

STD



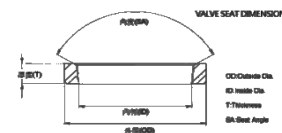
Valve Seat

OEM NO. 11131-1020A
IN 61.0 50.0 10.0
OEM NO. 11135-1370
EX 55.0 45.0 10.0

OEM NO. 11131-1031A
IN 60.0 50.0 9.8
OEM NO. 11135-1010C
EX 55.0 45.0 9.3

SIZE

STD

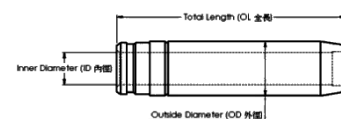


Valve Guide

OEM NO. 11122-1010
IN 83.5 12.0 17.0
OEM NO. 11126-1010
EX 89.5 12.0 17.0

SIZE

STD



Gasket Set

OEM NO.



HINO EK130T

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 137.0 MM
Swept Volume 13267 ccm

Piston kit-Set

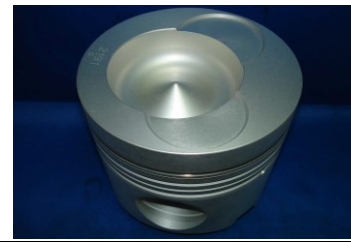
OEM NO. 13211-2191

Piston

SIZE

Comp : \emptyset 90.3 w/al-fin Height : -29.4 Length : 145.4
Top Shape : 82.0
Direct Injection
Pin : 50.0 Length : 110.0

STD



Piston Ring

OEM NO. 13011-1010
NPR : SDH20-023ZZ

OEM Ring Groove

SIZE

Top : 3.3DK
2nd : 3.5
3rd : 3.5
Oil : 6.0

STD



Cylinder Liner

OEM NO. 11467-1910

Liner&Sleeve

SIZE

In Diameter : 137.0
Out Diameter : 153.0
Total length : 267.0
Flange : 164.0*12.1+0.8

STD



Engine Bearing

MAIN : 11701-1013
CON.ROD : 13201-1012
T/W : 11011-1011
C/B : 11811-1190
BUSH : 13272-1010

SIZE

STD

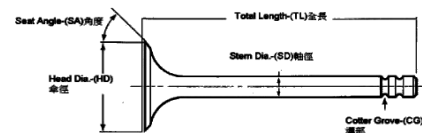


Engine Valve

OEM NO. 13711-1011A
IN 57.0 12.0 172.0
OEM NO. 13715-1010/11A
EX 53.0 12.0 172.0

SIZE

STD



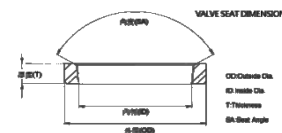
Valve Seat

OEM NO. 11131-1020A
IN 61.0 50.0 10.0
OEM NO. 11135-1370
EX 55.0 45.0 10.0

OEM NO. 11131-1031A
IN 60.0 50.0 9.8
OEM NO. 11135-1010C
EX 55.0 45.0 9.3

SIZE

STD

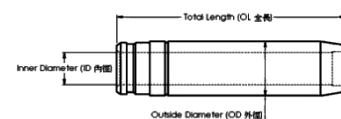


Valve Guide

OEM NO. 11122-1010
IN 83.5 12.0 17.0
OEM NO. 11126-1019
EX 89.5 12.0 17.0

SIZE

STD



Gasket Set

OEM NO.



HINO EK130T

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 137.0 MM
Swept Volume 13267 ccm

Piston kit-Set

OEM NO. 13216-1900/13216-1821

| Piston | SIZE |
|---|------|
| Comp : 90.3 w/al-fin Height : -28.7 Length : 145.3 Top Shape : 82.0 Direct Injection Pin : 50.0 Length : 110.0 | STD |



Piston Ring

OEM NO. 13011-1010
NPR : SDH20-023ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.3DK 2nd : 3.5 3rd : 3.5 Oil : 6.0 | STD |



Cylinder Liner

OEM NO. 11467-1910

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 137.0 Out Diameter : 153.0 Total length : 267.0 Flange : 164.0*12.1+0.8 | STD |



Engine Bearing

MAIN : 11701-1013
CON.ROD : 13201-1012
T/W : 11011-1011
C/B : 11811-1190
BUSH : 13272-1010

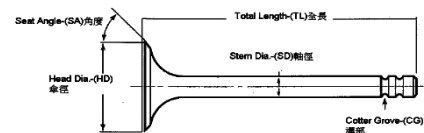
SIZE
STD



Engine Valve

OEM NO. 13711-1011A
IN 57.0 12.0 172.0
OEM NO. 13715-1010/11A
EX 53.0 12.0 172.0

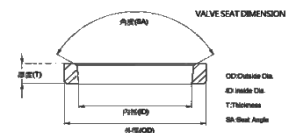
SIZE
STD



Valve Seat

| | |
|---|--|
| OEM NO. 11131-1020A IN 61.0 50.0 10.0 OEM NO. 11135-1370 EX 55.0 45.0 10.0 | OEM NO. 11131-1031A IN 60.0 50.0 9.8 OEM NO. 11135-1010C EX 55.0 45.0 9.3 |
|---|--|

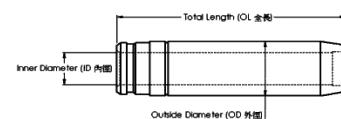
SIZE
STD



Valve Guide

OEM NO. 11122-1010
IN 83.5 12.0 17.0
OEM NO. 11126-1019
EX 89.5 12.0 17.0

SIZE
STD



Gasket Set

OEM NO.



HINO EK200

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 137.0 MM
Swept Volume 13267 ccm

Piston kit-Set

OEM NO. 13216-1530/13211/1900



| Piston | SIZE |
|---|------|
| Comp : 90.5 w/al-fin Height : -31.7 Length : 145.4 Top Shape : 73.8 Direct Injection Pin : 50.0 Length : 110.0 | STD |

Piston Ring

OEM NO. 13011-1010
NPR : SDH20-023ZZ



| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.3DK 2nd : 3.5 3rd : 3.5 Oil : 6.0 | STD |

Cylinder Liner

OEM NO. 11467-1910



| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 137.0 Out Diameter : 153.0 Total length : 267.0 Flange : 164.0*12.1+0.8 | STD |

Engine Bearing

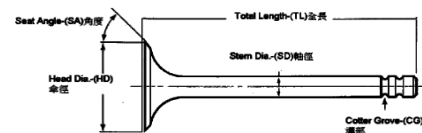
MAIN : 11701-1013
CON.ROD : 13201-1012
T/W : 11011-1011
C/B : 11811-1190
BUSH : 13272-1010



| | SIZE |
|--|------|
| | STD |

Engine Valve

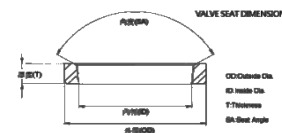
OEM NO. 13711-1011A
IN 57.0 12.0 172.0
OEM NO. 13715-1010/11A
EX 53.0 12.0 172.0



| | SIZE |
|--|------|
| | STD |

Valve Seat

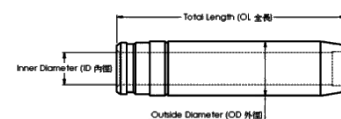
| | |
|---|--|
| OEM NO. 11131-1020A IN 61.0 50.0 10.0 OEM NO. 11135-1370 EX 55.0 45.0 10.0 | OEM NO. 11131-1031A IN 60.0 50.0 9.8 OEM NO. 11135-1010C EX 55.0 45.0 9.3 |
|---|--|



| | SIZE |
|--|------|
| | STD |

Valve Guide

OEM NO. 11122-1010
IN 83.5 12.0 17.0
OEM NO. 11126-1019
EX 89.5 12.0 17.0



| | SIZE |
|--|------|
| | STD |

Gasket Set

OEM NO.



HINO EL100

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 116.0 MM
Swept Volume 7862 ccm

Piston kit-Set

OEM NO. 13216-1272

| Piston | SIZE |
|--|------|
| Comp : \varnothing 78.5 w/al-fin Height : -27.5 Length : 130.4 Top Shape : 58.0 Direct Injection Pin : 40.0 Length : 92.0 | STD |



Piston Ring

OEM NO. 13011-1700
 NPR : SDH20-029ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.0 2nd : 2.5 3rd : 2.5 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1270A

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 116.0 Out Diameter : 129.0 Total length : 223.0 Flange : 138.0*9.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1460
 CON.ROD : 13201-1312
 T/W : 11011-1080
 C/B : 11812-1070
 BUSH : 13272-1200

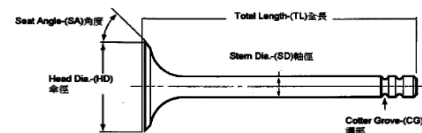
| SIZE |
|------|
| STD |



Engine Valve

OEM NO. 13711-1350B
 IN 50.0 10.0 145.0
 OEM NO. 13715-1070B
 EX 46.5 10.0 145.0

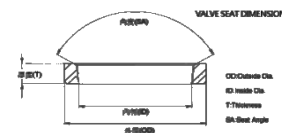
| SIZE |
|------|
| STD |



Valve Seat

OEM NO. 11131-1050B
 IN 53.0 45.0 7.5
 OEM NO. 11135-1210A
 EX 48.0 39.0 7.3

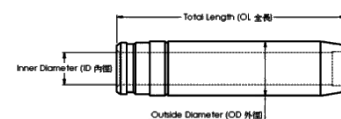
| SIZE |
|------|
| STD |



Valve Guide

OEM NO. 11122-1080
 IN 71.0 10.0 17.0
 OEM NO. 11126-1070
 EX 76.0 10.0 17.0

| SIZE |
|------|
| STD |



Gasket Set

OEM NO.



HINO EM100

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 124.0 MM
Swept Volume 9419 ccm

Piston kit-Set

OEM NO. 13216-1370

| Piston | SIZE |
|--|------|
| Comp : \emptyset 80.4 w/al-fin Height : -29.0 Length : 139.4 Top Shape : 63.0 Direct Injection Pin : 42.0 Length : 98.0 | STD |



Piston Ring

OEM NO. 13011-1921
NPR : SDH20-033ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 2.8DK 2nd : 2.5 3rd : 3.0 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1661A

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 124.0 Out Diameter : 129.0 Total length : 236.0 Flange : 134.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1460
CON.ROD : 13201-1400
T/W : 11011-1220
C/B : 11812-1070
BUSH : 13272-1250

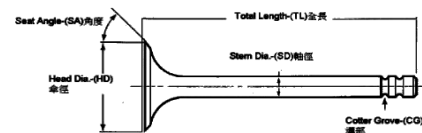
| SIZE |
|------|
| STD |



Engine Valve

OEM NO. 13711-1410B
IN 54.0 10.0 144.5
OEM NO. 13715-1240B
EX 48.0 10.0 144.0

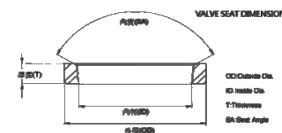
| SIZE |
|------|
| STD |



Valve Seat

OEM NO. 11131-1330
IN 55.5 47.0 8.0
OEM NO. 11135-1300
EX 49.5 40.3 8.0

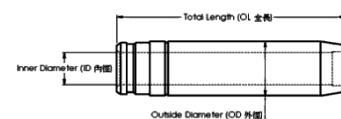
| SIZE |
|------|
| STD |



Valve Guide

OEM NO. 11122-1120
IN/EX 69.0 10.0 17.0

| SIZE |
|------|
| STD |



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13211-2061

| | |
|--|------|
| Piston | SIZE |
| Comp : \emptyset 85.5 w/al-fin Height : -28.6 Length : 121.5 Top Shape : 61.8 Direct Injection Pin : 47.0 Length : 99.0 | STD |



Piston Ring

OEM NO. 13011-1952
NPR : SJH20-034ZZ

| | |
|--|------|
| OEM Ring Groove | SIZE |
| Top : 3.3DK 2nd : 2.8 3rd : 2.5 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1131A

| | |
|---|------|
| Liner&Sleeve | SIZE |
| In Diameter : 120.0 Out Diameter : 125.0 Total length : 236.0 Flange : 132.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1590
CON.ROD : 13201-1410
T/W : 11011-1220
C/B :
BUSH : 13272-1260

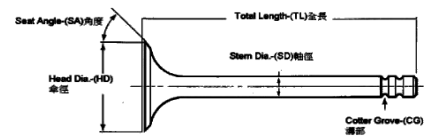
| |
|------|
| SIZE |
| STD |



Engine Valve

OEM NO. 13711-1430/31
IN 50.0 10.0 144.9
OEM NO. 13715-1260A
EX 46.5 10.0 145.0

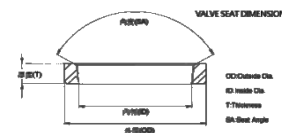
| |
|------|
| SIZE |
| STD |



Valve Seat

OEM NO. 11131-1050B
IN 53.0 45.0 7.5
OEM NO. 11135-1210A
EX 48.0 39.0 7.5

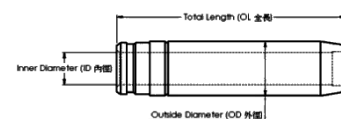
| |
|------|
| SIZE |
| STD |



Valve Guide

OEM NO. 11122-1130
IN/EX 68.0 10.0 17.0

| |
|------|
| SIZE |
| STD |



Gasket Set

OEM NO.



HINO EP100T

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 120.0 MM
Swept Volume 8821 ccm

Piston kit-Set

OEM NO. 13216-1450



Piston

SIZE

Comp : 85.5 w/al-fin Height : -28.5 oil-cooled Length : 144.5
Top Shape : 67.0
Direct Injection
Pin : 47.0 Length : 99.0

STD

Piston Ring

OEM NO. 13011-1952

NPR : SJH20-034ZZ

OEM Ring Groove

SIZE

Top : 3.3DK
2nd : 2.8
3rd : 2.5
Oil : 5.0

STD



Cylinder Liner

OEM NO. 11467-1131A

Liner&Sleeve

SIZE

In Diameter : 120.0
Out Diameter : 125.0
Total length : 236.0
Flange : 132.0*8.0+0.8

STD



Engine Bearing

MAIN : 11701-1590

CON.ROD : 13201-1410

T/W : 11011-1220

C/B :

BUSH : 13272-1260

SIZE

STD



Engine Valve

OEM NO. 13711-1430/31

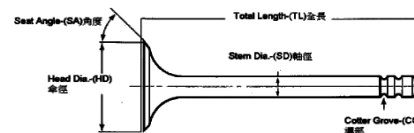
IN 50.0 10.0 144.9

OEM NO. 13715-1260A

EX 46.5 10.0 145.0

SIZE

STD



Valve Seat

OEM NO. 11131-1050B

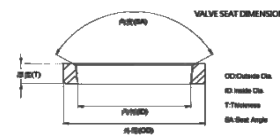
IN 53.0 45.0 7.5

OEM NO. 11135-1210A

EX 48.0 39.0 7.5

SIZE

STD



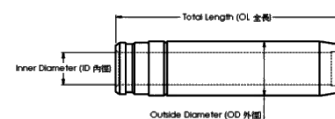
Valve Guide

OEM NO. 11122-1130

IN/EX 68.0 10.0 17.0

SIZE

STD



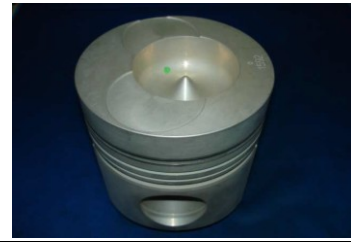
Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1281



Piston

SIZE

Comp : \emptyset 96.0 w/al-fin Height : -29.0 Length : 160.0
Top Shape : 68.0
Direct Injection
Pin : 48.0 Length : 107.0

STD

Piston Ring

OEM NO. 13011-1770
NPR : SDJ20-045ZZ



OEM Ring Groove

SIZE

Top : 3.5
2nd : 3.0
3rd : 3.0
Oil : 6.0

STD

Cylinder Liner

OEM NO.



Liner&Sleeve

SIZE

In Diameter :
Out Diameter :
Total length :
Flange :

STD

Engine Bearing

MAIN :
CON.ROD :
T/W :
C/B :
BUSH :

SIZE

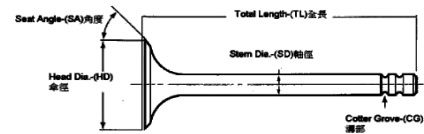


STD

Engine Valve

OEM NO. 13711-1360A
IN 55.5 12.0 162.4
OEM NO. 13715-1470A
EX 51.0 12.0 162.4

SIZE

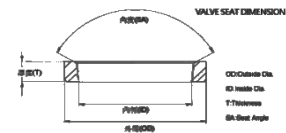


STD

Valve Seat

OEM NO. 11131-1070A
IN 59.0 50.0 9.8
OEM NO. 11135-1031A
EX 54.0 44.0 9.0

SIZE

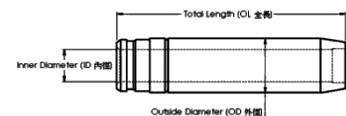


STD

Valve Guide

OEM NO. 11122-1110
IN/EX 82.0 12.0 17.0

SIZE



STD

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13226-1200(R)/13216-2050(L)



Piston

SIZE

Comp : 90.3 w/al-fin Height : -23.3 Length : 145.3
Top Shape : 73.7
Direct Injection
Pin : 50.0 Length : 110.0

STD

Piston Ring

OEM NO. 13011-2770
NPR : SDH20-061ZZ



OEM Ring Groove

SIZE

Top : 3.3DK
2nd : 3.5
3rd : 3.5
Oil : 5.0

STD

Cylinder Liner

OEM NO. 11467-1900



Liner&Sleeve

SIZE

In Diameter : 137.0
Out Diameter : 153.0
Total length : 248.0
Flange : 165.0*12.1+0.8

STD

Engine Bearing

MAIN : 11701-1580
CON.ROD : 13201-1380
T/W : 11011-1210
C/B : 11811-1170
BUSH : 13272-1240

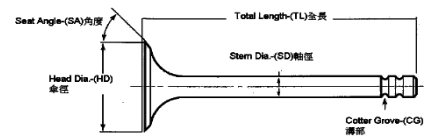


SIZE

STD

Engine Valve

OEM NO.
IN
OEM NO.
EX

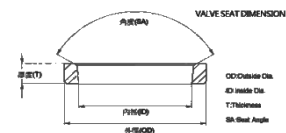


SIZE

STD

Valve Seat

OEM NO.
IN
OEM NO.
EX

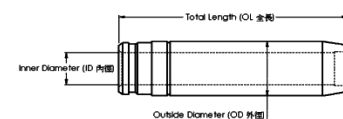


SIZE

STD

Valve Guide

OEM NO.
IN
OEM NO.
EX



SIZE

STD

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13226-1180(R)/13216-1910(L)

| Piston | SIZE |
|---|------|
| Comp : \varnothing 90.3 w/al-fin Height : -26.5 Length : 144.3 Top Shape : 74.5 Direct Injection Pin : 50.0 Length : 110.0 | STD |



Piston Ring

 OEM NO. 13011-3150
 NPR : SDH20-070ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.3DK 2nd : 3.5 3rd : 3.5 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1702

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 139.0 Out Diameter : 154.0 Total length : 248.0 Flange : 166.0*12.1+0.8 | STD |



Engine Bearing

 MAIN : 11701-1580
 CON.ROD : 13201-1380
 T/W : 11011-1210
 C/B : 11811-1170
 BUSH : 13272-1240

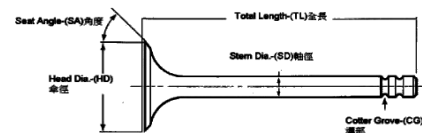
| SIZE |
|------|
| STD |



Engine Valve

 OEM NO. 13711-1420
 IN 57.0 12.0 170.0
 OEM NO. 13715-1010
 EX 53.0 12.0 170.0

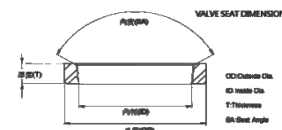
| SIZE |
|------|
| STD |



Valve Seat

 OEM NO. 11131-1260
 IN 61 50 10
 OEM NO. 11135-1410
 EX 55 45 10

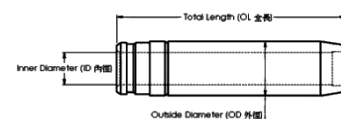
| SIZE |
|------|
| STD |



Valve Guide

 OEM NO. 11122-1040
 IN/EX 87.0 12.0 17.0

| SIZE |
|------|
| STD |



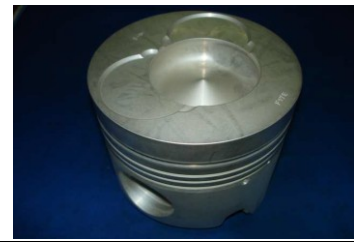
Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13226-1210(R)/13216-2110(L)



| Piston | SIZE |
|---|------|
| Comp : 90.3 w/al-fin Height : -25.4 Length : 144.3 Top Shape : 72.0 Direct Injection Pin : 50.0 Length : 110.0 | STD |

Piston Ring

OEM NO. 13011-3150
NPR : SDH20-070ZZ



| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.3DK 2nd : 3.5 3rd : 3.5 Oil : 5.0 | STD |

Cylinder Liner

OEM NO. 11467-1702



| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 139.0 Out Diameter : 154.0 Total length : 248.0 Flange : 166.0*12.1+0.8 | STD |

Engine Bearing

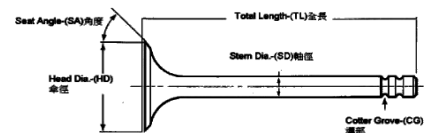
MAIN : 11701-1580
CON.ROD : 13201-1380
T/W : 11011-1210
C/B : 11811-1170
BUSH : 13272-1240



| | SIZE |
|--|------|
| | STD |

Engine Valve

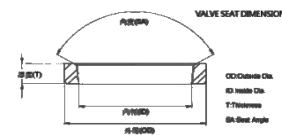
OEM NO.
IN
OEM NO.
EX



| | SIZE |
|--|------|
| | STD |

Valve Seat

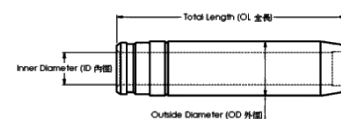
OEM NO.
IN
OEM NO.
EX



| | SIZE |
|--|------|
| | STD |

Valve Guide

OEM NO.
IN
OEM NO.
EX



| | SIZE |
|--|------|
| | STD |

Gasket Set

OEM NO.



HINO F20C-2

Application : TRUCK
Number of Cylinders 8
Cylinder dia. 146.0 MM
Swept Volume 19688 ccm

Piston kit-Set

OEM NO. 13226-1211(R)/13216-2121(L)

| Piston | SIZE |
|---|------|
| Comp : \emptyset 84.3 w/al-fin Height : -27.5 Length : 138.3 Top Shape : 76.5 Direct Injection Pin : 50.0 Length : 110.0 | STD |



Piston Ring

OEM NO. 13011-2792
NPR : SJH20-062ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.3DK 2nd : 3.5 3rd : 3.5 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-2280

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 146.0 Out Diameter : 152.0 Total length : 244.3 Flange : 159.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1580
CON.ROD : 13201-1380
T/W : 11011-1210
C/B : 11811-1170
BUSH : 13272-1240

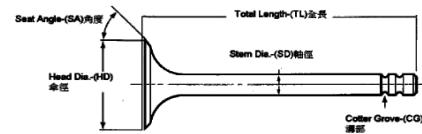
| SIZE |
|------|
| STD |



Engine Valve

OEM NO. 13711-1610
IN 49.0 10.0 159.7
OEM NO. 13715-1630
EX 47.0 10.0 159.5

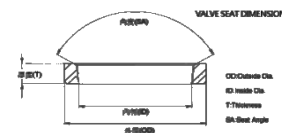
| SIZE |
|------|
| STD |



Valve Seat

OEM NO. 11131-1320
IN 52.0 42.7 8.6
OEM NO. 11135-1160
EX 48.6 40.3 8.0

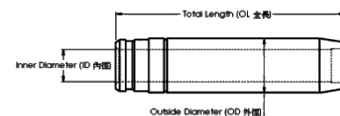
| SIZE |
|------|
| STD |



Valve Guide

OEM NO. 11122-1130
IN/EX 68.0 10.0 17.0

| SIZE |
|------|
| STD |



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13226-1263(R)/13216-2323(L)



Piston

SIZE

Comp : 84.3 w/al-fin Height : -24.5 Length : 138.3
Top Shape : 72.0
Direct Injection
Pin : 50.0 Length : 110.0

STD

Piston Ring

OEM NO. 13011-2792
NPR : SJH20-062ZZ



OEM Ring Groove

SIZE

Top : 3.3DK
2nd : 3.5
3rd : 3.5
Oil : 5.0

STD

Cylinder Liner

OEM NO. 11467-2280



Liner&Sleeve

SIZE

In Diameter : 146.0
Out Diameter : 152.0
Total length : 244.3
Flange : 159.0*8.0+0.8

STD

Engine Bearing

MAIN : 11701-1580
CON.ROD : 13201-1380
T/W : 11011-1210
C/B : 11811-1170
BUSH : 13272-1240

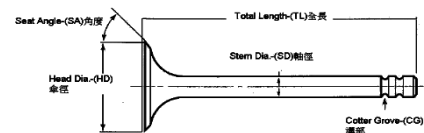


SIZE

STD

Engine Valve

OEM NO. 13711-1610
IN 49.0 10.0 159.7
OEM NO. 13715-1630
EX 47.0 10.0 159.5

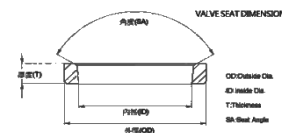


SIZE

STD

Valve Seat

OEM NO. 11131-1320
IN 52.0 42.7 8.6
OEM NO. 11135-1160
EX 48.6 40.3 8.0

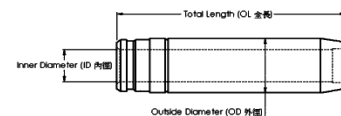


SIZE

STD

Valve Guide

OEM NO. 11122-1130
IN/EX 68.0 10.0 17.0



SIZE

STD

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13226-1321(R)/13216-2671(L)



| Piston | SIZE |
|---|------|
| Comp : \emptyset 84.3 w/al-fin Height : -26.5 Length : 138.3 Top Shape : 70.0 Direct Injection Pin : 50.0 Length : 110.0 | STD |

Piston Ring

OEM NO. 13011-2792
NPR : SJH20-062ZZ



| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.3DK 2nd : 3.5 3rd : 3.5 Oil : 5.0 | STD |

Cylinder Liner

OEM NO. 11467-2280



| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 146.0 Out Diameter : 152.0 Total length : 244.3 Flange : 159.0*8.0+0.8 | STD |

Engine Bearing

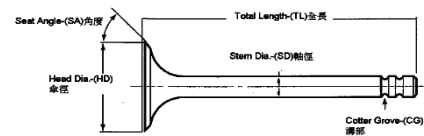
MAIN : 11701-1580
CON.ROD : 13201-1380
T/W : 11011-1210
C/B : 11811-1170
BUSH : 13272-1240



| | SIZE |
|--|------|
| | STD |

Engine Valve

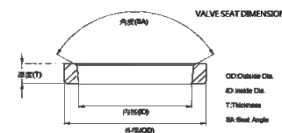
OEM NO. 13711-1610
IN 49.0 10.0 159.7
OEM NO. 13715-1630
EX 47.0 10.0 159.5



| | SIZE |
|--|------|
| | STD |

Valve Seat

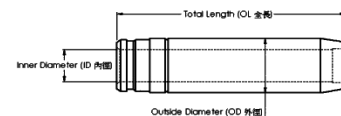
OEM NO. 11131-1320
IN 52.0 42.7 8.6
OEM NO. 11135-1160
EX 48.6 40.3 8.0



| | SIZE |
|--|------|
| | STD |

Valve Guide

OEM NO. 11122-1130
IN/EX 68.0 10.0 17.0



| | SIZE |
|--|------|
| | STD |

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13226-1331(R)/13216-2661(L)



Piston

SIZE

Comp : 84.4 \emptyset w/al-fin Height : -26.6 Length : 138.0
Top Shape : 72.0
Direct Injection
Pin : 50.0 Length : 110.0

STD

Piston Ring

OEM NO. 13011-3310
NPR : SJH20-076ZZ



OEM Ring Groove

SIZE

Top : 3.3DK
2nd : 3.0
3rd : 3.0
Oil : 4.0

STD

Cylinder Liner

OEM NO.



Liner&Sleeve

SIZE

In Diameter : 150.0
Out Diameter : 154.0
Total length : 244.3
Flange : 161.0*8.5+0.8

STD

Engine Bearing

MAIN : 11701-2370
CON.ROD : 13201-1380
T/W : 11011-1300
C/B : 11811-1170
BUSH : 13272-1510

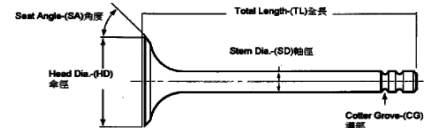


SIZE

STD

Engine Valve

OEM NO.
IN
OEM NO.
EX

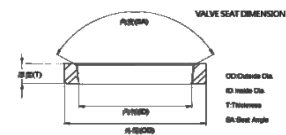


SIZE

STD

Valve Seat

OEM NO.
IN
OEM NO.
EX

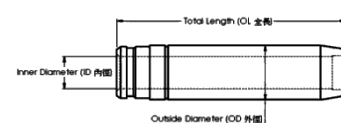


SIZE

STD

Valve Guide

OEM NO.
IN
OEM NO.
EX



SIZE

STD

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1540/13216-1782

| | |
|--|------|
| Piston | SIZE |
| Comp : \emptyset 69.5 w/al-fin Height : -25.2 Length : 121.5 Top Shape : 54.5 Direct Injection Pin : 39.0 Length : 90.0 | STD |



Piston Ring

OEM NO. 13011-1961
NPR : SDH20-037ZZ

| | |
|--|------|
| OEM Ring Groove | SIZE |
| Top : 2.8DK 2nd : 2.5 3rd : 2.5 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1601

| | |
|---|------|
| Liner&Sleeve | SIZE |
| In Diameter : 108.0 Out Diameter : 113.0 Total length : 204.0 Flange : 118.0*8.0+0.8 | STD |



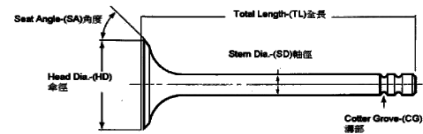
Engine Bearing

| | |
|--|------|
| MAIN : 11701-1790 CON.ROD : 13201-1460 T/W : 11011-1270 C/B : 11812-1051 BUSH : 13272-1270 | SIZE |
| | STD |



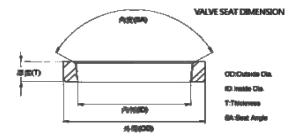
Engine Valve

| | |
|--|------|
| OEM NO. 13711-1550 IN 48.0 9.0 134.5 OEM NO. 13715-1590 EX 41.5 9.0 134.5 | SIZE |
| | STD |



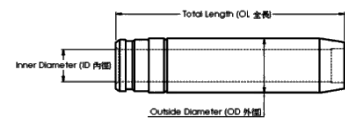
Valve Seat

| | |
|--|------|
| OEM NO. 11131-1230 IN 52.0 41.4 7.8 OEM NO. 11135-1420 EX 45.5 36.5 8.3 | SIZE |
| | STD |



Valve Guide

| | |
|---|------|
| OEM NO. 11122-1180 IN/EX 61.0 9.0 16.0 | SIZE |
| | STD |



Gasket Set

OEM NO.



HINO HO6CT

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 108.0 MM
Swept Volume 6485 ccm

Piston kit-Set

OEM NO. 13216-1750

| Piston | SIZE |
|--|------|
| Comp : \varnothing 69.5 w/al-fin Height : -20.3 Length : 121.5 Top Shape : 60.0 Direct Injection Pin : 39.0 Length : 90.0 | STD |



Piston Ring

OEM NO. 13011-1961
NPR : SDH20-037ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 2.8DK 2nd : 2.5 3rd : 2.5 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1601

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 108.0 Out Diameter : 113.0 Total length : 204.0 Flange : 118.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1790
CON.ROD : 13201-1460
T/W : 11011-1270
C/B : 11812-1051
BUSH : 13272-1270

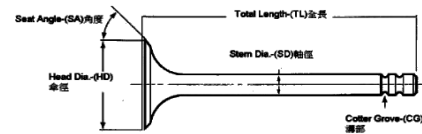
| SIZE |
|------|
| STD |



Engine Valve

OEM NO. 13711-1550
IN 48.0 9.0 134.5
OEM NO. 13715-1590
EX 41.5 9.0 134.5

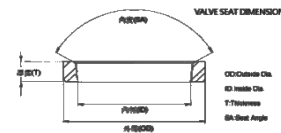
| SIZE |
|------|
| STD |



Valve Seat

OEM NO. 11131-1230
IN 52.0 41.4 7.8
OEM NO. 11135-1420
EX 45.5 36.5 8.3

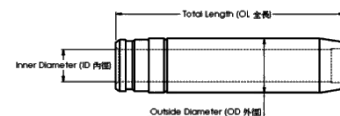
| SIZE |
|------|
| STD |



Valve Guide

OEM NO. 11122-1180
IN/EX 61.0 9.0 16.0

| SIZE |
|------|
| STD |



Gasket Set

OEM NO.



HINO HO6CT

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 108.0 MM
Swept Volume 6485 ccm

Piston kit-Set

OEM NO. 13216-1810

Piston

SIZE

Comp : \emptyset 69.5 w/al-fin Height : -20.2 Length : 121.5
Top Shape : 57.4
Direct Injection
Pin : 39.0 Length : 90.0

STD



Piston Ring

OEM NO. 13011-1961

NPR : SDH20-037ZZ

OEM Ring Groove

SIZE

Top : 2.8DK
2nd : 2.5
3rd : 2.5
Oil : 5.0

STD



Cylinder Liner

OEM NO. 11467-1601

Liner&Sleeve

SIZE

In Diameter : 108.0
Out Diameter : 113.0
Total length : 204.0
Flange : 118.0*8.0+0.8

STD



Engine Bearing

MAIN : 11701-1790

CON.ROD : 13201-1460

T/W : 11011-1270

C/B : 11812-1051

BUSH : 13272-1270

SIZE

STD



Engine Valve

OEM NO. 13711-1550

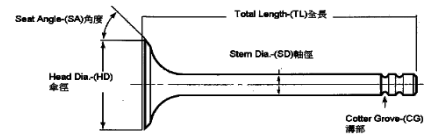
IN 48.0 9.0 134.5

OEM NO. 13715-1590

EX 41.5 9.0 134.5

SIZE

STD



Valve Seat

OEM NO. 11131-1230

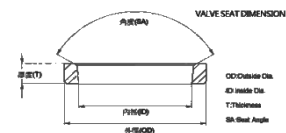
IN 52.0 41.4 7.8

OEM NO. 11135-1420

EX 45.5 36.5 8.3

SIZE

STD



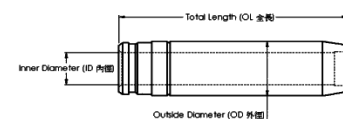
Valve Guide

OEM NO. 11122-1180

IN/EX 61.0 9.0 16.0

SIZE

STD



Gasket Set

OEM NO.



HINO HO6CT

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 108.0 MM
Swept Volume 6485 ccm

Piston kit-Set

OEM NO. 13216-2750

Piston

SIZE

Comp : \emptyset 69.5 w/al-fin Height : oil-cooled Length : 121.5
Top Shape : 57.3
Direct Injection
Pin : 39.0 Length : 90.0

STD



Piston Ring

OEM NO. 13011-3281

NPR : SDH20-075ZZ

OEM Ring Groove

SIZE

Top : 2.8DK
2nd : 2.5
3rd : 2.5
Oil : 5.0

STD



Cylinder Liner

OEM NO. 11467-1601

Liner&Sleeve

SIZE

In Diameter : 108.0
Out Diameter : 113.0
Total length : 204.0
Flange : 118.0*8.0+0.8

STD



Engine Bearing

MAIN : 11701-1790

CON.ROD : 13201-1460

T/W : 11011-1270

C/B : 11812-1051

BUSH : 13272-1270

SIZE

STD



Engine Valve

OEM NO. 13711-1550

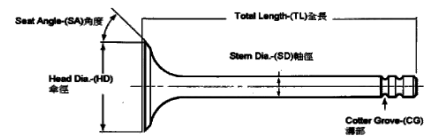
IN 48.0 9.0 134.5

OEM NO. 13715-1590

EX 41.5 9.0 134.5

SIZE

STD



Valve Seat

OEM NO. 11131-1230

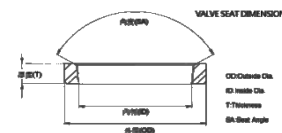
IN 52.0 41.4 7.8

OEM NO. 11135-1420

EX 45.5 36.5 8.3

SIZE

STD



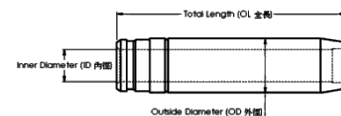
Valve Guide

OEM NO. 11122-1180

IN/EX 61.0 9.0 16.0

SIZE

STD



Gasket Set

OEM NO.



HINO HO6CT

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 108.0 MM
Swept Volume 6485 ccm

Piston kit-Set

OEM NO. 13216-2600

| Piston | SIZE |
|---|------|
| Comp : ϕ 69.5 w/al-fin Height : -20.2 Length : 121.8 Top Shape : 57.4 Direct Injection Pin : 39.0 Length : 90.0 | STD |



Piston Ring

OEM NO. 13011-1961
NPR : SDH20-037ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 2.8DK 2nd : 2.5 3rd : 2.5 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11467-1601

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 108.0 Out Diameter : 113.0 Total length : 204.0 Flange : 118.0*8.0+1.0 | STD |



Engine Bearing

MAIN : 11701-1790
CON.ROD : 13201-1460
T/W : 11011-1270
C/B : 11812-1051
BUSH : 13272-1270

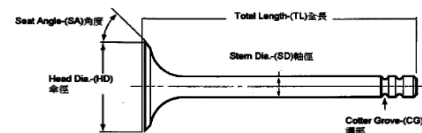
SIZE
STD



Engine Valve

OEM NO. 13711-1470
IN 48.0 9.0 142.0
OEM NO. 13715-1520
EX 41.3 9.0 141.7

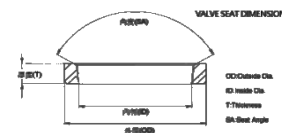
SIZE
STD



Valve Seat

OEM NO. 11131-1230
IN 52.0 41.4 7.8
OEM NO. 11135-1420
EX 45.5 36.5 8.3

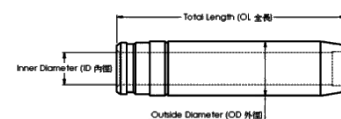
SIZE
STD



Valve Guide

OEM NO. 11122-1180
IN/EX 61.0 9.0 16.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-2290/13211-2580



| | |
|--|------|
| Piston | SIZE |
| Comp : \emptyset 69.5 w/al-fin Height : -28.0 Length : 121.5 Top Shape : 51.5 Direct Injection Pin : 39.0 Length : 90.0 | STD |

Piston Ring

OEM NO. 13011-1620
NPR : SJH20-043ZZ



| | |
|--|------|
| OEM Ring Groove | SIZE |
| Top : 3.0 2nd : 2.5 3rd : 2.5 Oil : 5.0 | STD |

Cylinder Liner

OEM NO. 11467-1210A



| | |
|---|------|
| Liner&Sleeve | SIZE |
| In Diameter : 110.0 Out Diameter : 113.0 Total length : 204.0 Flange : 118.0*8.0+0.8 | STD |

Engine Bearing

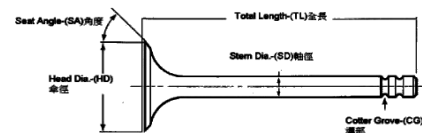
MAIN : 11701-1790
CON.ROD : 13201-1460
T/W : 11011-1270
C/B : 11812-1051
BUSH : 13272-1270



| | |
|--|------|
| | SIZE |
| | STD |

Engine Valve

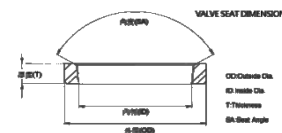
OEM NO. 13711-1550
IN 48.0 9.0 134.5
OEM NO. 13715-1590
EX 41.5 9.0 134.5



| | |
|--|------|
| | SIZE |
| | STD |

Valve Seat

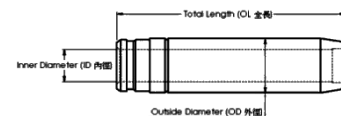
OEM NO. 11131-1230
IN 52.0 41.4 7.8
OEM NO. 11135-1420
EX 45.5 36.5 8.3



| | |
|--|------|
| | SIZE |
| | STD |

Valve Guide

OEM NO. 11122-1180
IN/EX 61.0 9.0 16.0



| | |
|--|------|
| | SIZE |
| | STD |

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1771/13216-2300



| | |
|--|------|
| Piston | SIZE |
| Comp : \emptyset 69.5 w/al-fin Height : -20.3 Length : 121.5 Top Shape : 53.7 Direct Injection Pin : 39.0 Length : 90.0 | STD |

Piston Ring

OEM NO. 13011-1620
NPR : SJH20-043ZZ



| | |
|--|------|
| OEM Ring Groove | SIZE |
| Top : 3.0 2nd : 2.5 3rd : 2.5 Oil : 5.0 | STD |

Cylinder Liner

OEM NO. 11467-1210A



| | |
|---|------|
| Liner&Sleeve | SIZE |
| In Diameter : 110.0 Out Diameter : 113.0 Total length : 204.0 Flange : 118.0*8.0+0.8 | STD |

Engine Bearing

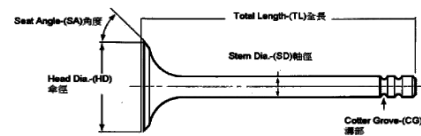
MAIN : 11701-1790
CON.ROD : 13201-1460
T/W : 11011-1270
C/B : 11812-1051
BUSH : 13272-1270



| | |
|--|------|
| | SIZE |
| | STD |

Engine Valve

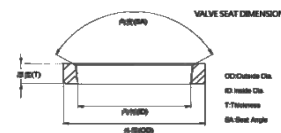
OEM NO. 13711-1550
IN 48.0 9.0 134.5
OEM NO. 13715-1590
EX 41.5 9.0 134.5



| | |
|--|------|
| | SIZE |
| | STD |

Valve Seat

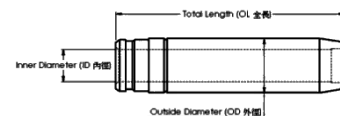
OEM NO. 11131-1230
IN 52.0 41.4 7.8
OEM NO. 11135-1420
EX 45.5 36.5 8.3



| | |
|--|------|
| | SIZE |
| | STD |

Valve Guide

OEM NO. 11122-1180
IN/EX 61.0 9.0 16.0



| | |
|--|------|
| | SIZE |
| | STD |

Gasket Set

OEM NO.



HINO

HO7CT-N

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 110.0 MM
Swept Volume 6728 ccm

Piston kit-Set

OEM NO. 13216-2760

| Piston | SIZE |
|--|------|
| Comp : \varnothing 69.5 w/al-fin Height : -20.9 Length : 121.5 Top Shape : 57.4 Direct Injection Pin : 39.0 Length : 90.0 | STD |



Piston Ring

OEM NO. 13011-2672A
 NPR : SJH20-057ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 2.806DK 2nd : 2.0 3rd : 2.5 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11467-1210A

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 110.0 Out Diameter : 113.0 Total length : 204.0 Flange : 118.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1790
 CON.ROD : 13201-1460
 T/W : 11011-1270
 C/B : 11812-1051
 BUSH : 13272-1270

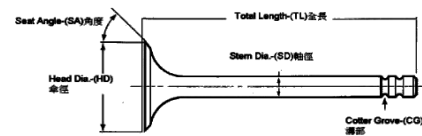
SIZE
 STD



Engine Valve

OEM NO. 13711-1550
 IN 48.0 9.0 134.5
 OEM NO. 13715-1590
 EX 41.5 9.0 134.5

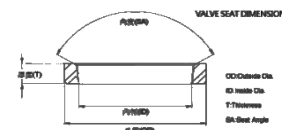
SIZE
 STD



Valve Seat

OEM NO. 11131-1230
 IN 52.0 41.4 7.8
 OEM NO. 11135-1420
 EX 45.5 36.5 8.3

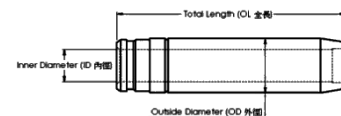
SIZE
 STD



Valve Guide

OEM NO. 11122-1180
 IN/EX 61.0 9.0 16.0

SIZE
 STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-2062/13216-2430

| Piston | SIZE |
|---|------|
| Comp : \varnothing 69.5 w/al-fin Height : -19.3 oil-cooled Length : 121.5 Top Shape : 58.5 Direct Injection Pin : 39.0 Length : 90.0 | STD |



Piston Ring

OEM NO. 13011-2672
NPR : SJH20-057ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 2.8DK 2nd : 2.0 3rd : 2.5 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11467-1210A

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 110.0 Out Diameter : 113.0 Total length : 204.0 Flange : 118.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1790
CON.ROD : 13201-1460
T/W : 11011-1270
C/B : 11812-1051
BUSH : 13272-1270

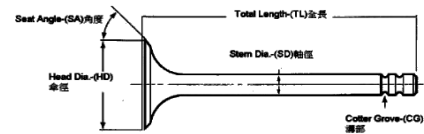
SIZE
STD



Engine Valve

OEM NO. 13711-1550
IN 48.0 9.0 134.5
OEM NO. 13715-1590
EX 41.5 9.0 134.5

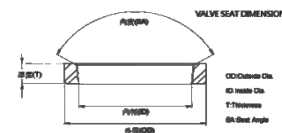
SIZE
STD



Valve Seat

OEM NO. 11131-1230
IN 52.0 41.4 7.8
OEM NO. 11135-1420
EX 45.5 36.5 8.3

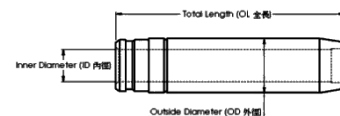
SIZE
STD



Valve Guide

OEM NO. 11122-1180
IN/EX 61.0 9.0 16.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-2740



| Piston | SIZE |
|--|------|
| Comp : ϕ 69.5 w/al-fin Height : -19.6 oil-cooled Length : 121.5 Top Shape : 58.2 Direct Injection Pin : 39.0 Length : 90.0 | STD |

Piston Ring

OEM NO. 13011-3470
NPR : SJH20-079ZZ



| OEM Ring Groove | SIZE |
|--|------|
| Top : 2.8DK 2nd : 2.0 3nd : 2.0 Oil : 4.0 | STD |

Cylinder Liner

OEM NO. 11467-1210A



| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 110.0 Out Diameter : 113.0 Total length : 204.0 Flange : 118.0*8.0+0.8 | STD |

Engine Bearing

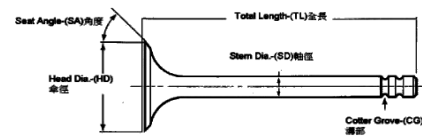
MAIN : 11701-1790
CON.ROD : 13201-1460
T/W : 11011-1270
C/B : 11812-1051
BUSH : 13272-1270



| | SIZE |
|--|------|
| | STD |

Engine Valve

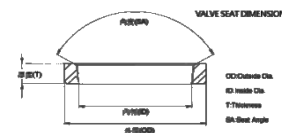
OEM NO. 13711-1550
IN 48.0 9.0 134.5
OEM NO. 13715-1590
EX 41.5 9.0 134.5



| | SIZE |
|--|------|
| | STD |

Valve Seat

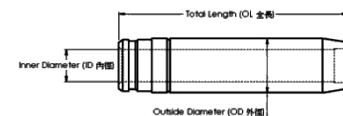
OEM NO. 11131-1230
IN 52.0 41.4 7.8
OEM NO. 11135-1420
EX 45.5 36.5 8.3



| | SIZE |
|--|------|
| | STD |

Valve Guide

OEM NO. 11122-1180
IN/EX 61.0 9.0 16.0



| | SIZE |
|--|------|
| | STD |

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1980/13711-237X



| Piston | SIZE |
|--|------|
| Comp : 57.2 w/al-fin Height : -20.6 Length : 100.0 Top Shape : 57.3 Direct Injection Pin : 37.0 Length : 85.0 | STD |

Piston Ring

OEM NO. 13011-2651
NPR : SJH20-056ZZ



| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 3.0 2nd : 2.0 Oil : 4.0 | STD |

Cylinder Liner

OEM NO. 11467-1210A



| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 110.0 Out Diameter : 113.0 Total length : 204.0 Flange : 118.0*8.0+0.8 | STD |

Engine Bearing

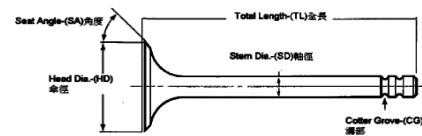
MAIN : 11701-1790
CON.ROD : 13201-1460
T/W : 11011-1270
C/B : 11812-1051
BUSH : 13272-1270



| | SIZE |
|--|------|
| | STD |

Engine Valve

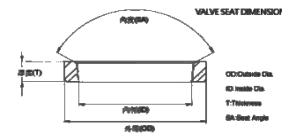
OEM NO. 13711-1550
IN 48.0 9.0 134.5
OEM NO. 13715-1590
EX 41.5 9.0 134.5



| | SIZE |
|--|------|
| | STD |

Valve Seat

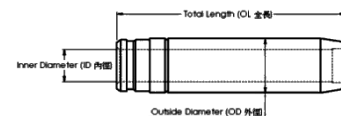
OEM NO. 11131-1230
IN 52.0 41.4 7.8
OEM NO. 11135-1420
EX 45.5 36.5 8.3



| | SIZE |
|--|------|
| | STD |

Valve Guide

OEM NO. 11122-1180
IN/EX 61.0 9.0 16.0



| | SIZE |
|--|------|
| | STD |

Gasket Set

OEM NO.



HINO HO7D-N

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 110.0 MM
Swept Volume 6728 ccm

Piston kit-Set

OEM NO. 13216-2260

| | |
|--|------|
| Piston | SIZE |
| Comp : \emptyset 57.0 w/al-fin Height : -20.5 Length : 100.0 Top Shape : 58.4 Direct Injection Pin : 37.0 Length : 85.0 | STD |



Piston Ring

OEM NO. 13011-2651
NPR : SJH20-056ZZ

| | |
|-------------------------------------|------|
| OEM Ring Groove | SIZE |
| Top : 3.0 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11467-1210A

| | |
|---|------|
| Liner&Sleeve | SIZE |
| In Diameter : 110.0 Out Diameter : 113.0 Total length : 204.0 Flange : 118.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1790
CON.ROD : 13201-1460
T/W : 11011-1270
C/B : 11812-1051
BUSH : 13272-1270

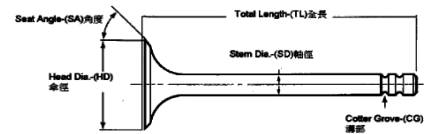
| |
|------|
| SIZE |
| STD |



Engine Valve

OEM NO. 13711-1550
IN 48.0 9.0 134.5
OEM NO. 13715-1590
EX 41.5 9.0 134.5

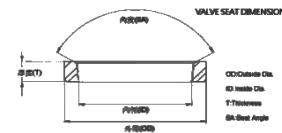
| |
|------|
| SIZE |
| STD |



Valve Seat

OEM NO. 11131-1230
IN 52.0 41.4 7.8
OEM NO. 11135-1420
EX 45.5 36.5 8.3

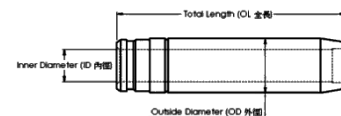
| |
|------|
| SIZE |
| STD |



Valve Guide

OEM NO. 11122-1180
IN/EX 61.0 9.0 16.0

| |
|------|
| SIZE |
| STD |



Gasket Set

OEM NO.



Piston kit-Set

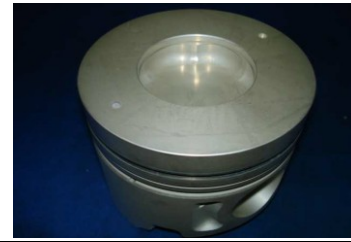
OEM NO. 13216-2631

Piston

SIZE

Comp : 57.1 w/al-fin Height : -19.8 Length : 100.0
Top Shape : 56.3
Direct Injection
Pin : 37.0 Length : 85.0

STD



Piston Ring

OEM NO. 13011-2960

NPR : SDH20-067ZZ

OEM Ring Groove

SIZE

Top : 3.0
2nd : 2.0
Oil : 4.0

STD



Cylinder Liner

OEM NO. 11467-2601

Liner&Sleeve

SIZE

In Diameter : 114.0
Out Diameter : 117.0
Total length : 204.0
Flange : 122.0*8.0+0.8

STD



Engine Bearing

MAIN : 11701-2180A
CON.ROD : 13201-1631
T/W :
C/B : 11901-1020A
BUSH : 13272-1300B

SIZE

STD

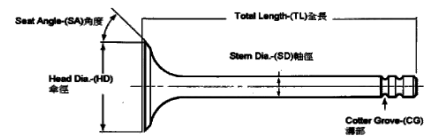


Engine Valve

OEM NO. 13711-1830
IN 39.0 7.0 132.8
OEM NO. 13715-1730
EX 36.9 7.0 132.2

SIZE

STD

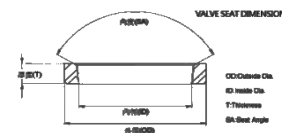


Valve Seat

OEM NO. 11131-1380
IN 41.0 34.0 7.3
OEM NO. 11135-1720
EX 39.0 32.3 6.0

SIZE

STD

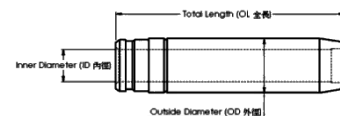


Valve Guide

OEM NO. 11122-1220
IN/EX 61.5 7.0 13.0

SIZE

STD



Gasket Set

OEM NO.



HINO JO8CT

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 114.0 MM
Swept Volume 7961 ccm

Piston kit-Set

OEM NO. 13301-1013

| Piston | SIZE |
|---|------|
| Comp : \emptyset 57.0 w/al-fin Height : -21.6 oil-cooled Length : 100.1 Top Shape : 61.0 Direct Injection Pin : 37.0 Length : 85.0 | STD |



Piston Ring

OEM NO. 13011-3570
NPR : SDH20-088ZY

| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 2.5 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11467-2601

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 114.0 Out Diameter : 117.0 Total length : 204.0 Flange : 122.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-2180A
CON.ROD : 13201-1631
T/W :
C/B : 11901-1020A
BUSH : 13272-1300B

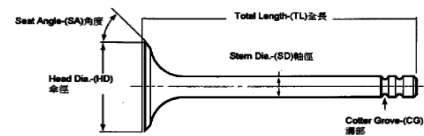
SIZE
STD



Engine Valve

OEM NO. 13711-1830
IN 39.0 7.0 132.8
OEM NO. 13715-1730
EX 36.9 7.0 132.2

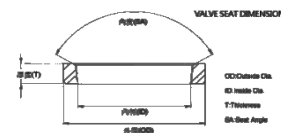
SIZE
STD



Valve Seat

OEM NO. 11131-1380
IN 41.0 34.0 7.3
OEM NO. 11135-1720
EX 39.0 32.3 6.0

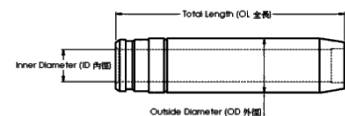
SIZE
STD



Valve Guide

OEM NO. 11122-1220
IN/EX 61.5 7.0 13.0

SIZE
STD



Gasket Set

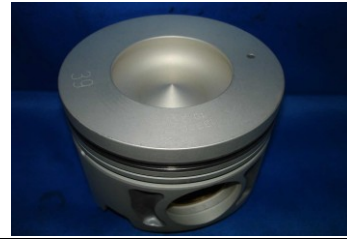
OEM NO.



Piston kit-Set

OEM NO. 13301-1012

| Piston | SIZE |
|---|------|
| Comp : \emptyset 57.0 w/al-fin Height : -21.4 oil-cooled Length : 100.0 Top Shape : 61.0 Direct Injection Pin : 37.0 Length : 85.0 | STD |



Piston Ring

OEM NO. 13011-2960A
NPR : SJH20-067ZZ

| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 3.0 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11467-2601

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 114.0 Out Diameter : 117.0 Total length : 204.0 Flange : 122.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-2180A
CON.ROD : 13201-1631
T/W :
C/B : 11901-1020A
BUSH : 13272-1300B

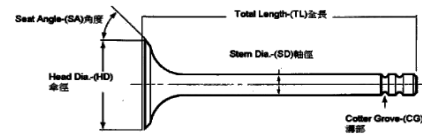
SIZE
STD



Engine Valve

OEM NO. 13711-1830
IN 39.0 7.0 132.8
OEM NO. 13715-1730
EX 36.9 7.0 132.2

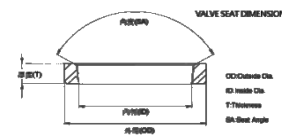
SIZE
STD



Valve Seat

OEM NO. 11131-1380
IN 41.0 34.0 7.3
OEM NO. 11135-1720
EX 39.0 32.3 6.0

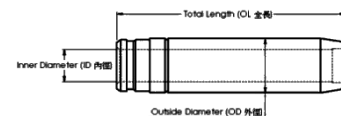
SIZE
STD



Valve Guide

OEM NO. 11122-1220
IN/EX 61.5 7.0 13.0

SIZE
STD



Gasket Set

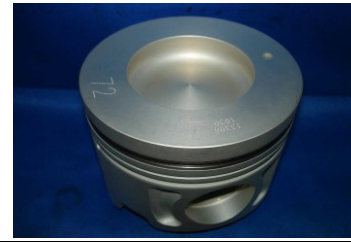
OEM NO.



Piston kit-Set

OEM NO. 13306-1080/13306-1030

| Piston | SIZE |
|---|------|
| Comp : \emptyset 57.0 w/al-fin Height : -18.4 oil-cooled Length : 100.0 Top Shape : 65.0 Direct Injection Pin : 37.0 Length : 85.0 | STD |



Piston Ring

OEM NO. 13011-3570
NPR : SDH20-088ZY

| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 2.5 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11467-2601

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 114.0 Out Diameter : 117.0 Total length : 204.0 Flange : 122.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-2180A
CON.ROD : 13201-1631
T/W :
C/B : 11901-1020A
BUSH : 13272-1300B

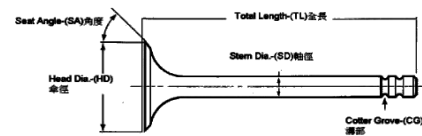
| SIZE |
|------|
| STD |



Engine Valve

OEM NO. 13711-1830
IN 39.0 7.0 132.8
OEM NO. 13715-1730
EX 36.9 7.0 132.2

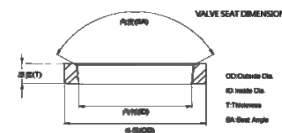
| SIZE |
|------|
| STD |



Valve Seat

OEM NO. 11131-1380
IN 41.0 34.0 7.3
OEM NO. 11135-1720
EX 39.0 32.3 6.0

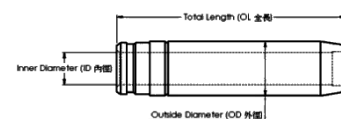
| SIZE |
|------|
| STD |



Valve Guide

OEM NO. 11122-1220
IN/EX 61.5 7.0 13.0

| SIZE |
|------|
| STD |



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13306-1200

Piston

SIZE

Comp : \emptyset 57.1 w/al-fin Height : -18.7 oil-cooled Length : 100.2
Top Shape : 65.0
Direct Injection
Pin : 37.0 Length : 84.0

STD



Piston Ring

OEM NO. 13011-3570

NPR : SDH20-088ZY

OEM Ring Groove

SIZE

Top : 2.5
2nd : 2.0
Oil : 4.0

STD



Cylinder Liner

OEM NO. 11467-2601

Liner&Sleeve

SIZE

In Diameter : 114.0
Out Diameter : 117.0
Total length : 204.0
Flange : 122.0*8.0+0.8

STD



Engine Bearing

MAIN : 11701-2180A
CON.ROD : 13201-1631
T/W :
C/B : 11901-1020A
BUSH : 13272-1300B

SIZE

STD

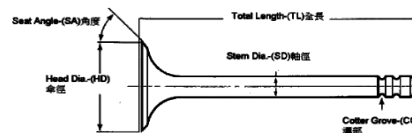


Engine Valve

OEM NO. 13711-1830
IN 39.0 7.0 132.8
OEM NO. 13715-1730
EX 36.9 7.0 132.2

SIZE

STD

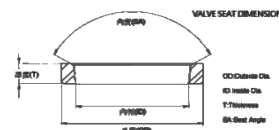


Valve Seat

OEM NO. 11131-1380
IN 41.0 34.0 7.3
OEM NO. 11135-1720
EX 39.0 32.3 6.0

SIZE

STD

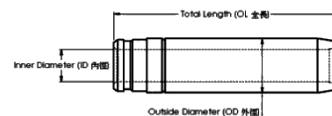


Valve Guide

OEM NO. 11122-1220
IN/EX 61.5 7.0 13.0

SIZE

STD



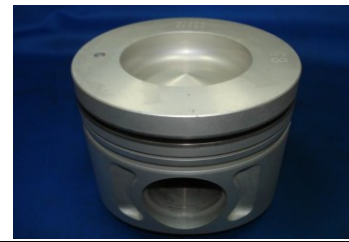
Gasket Set

OEM NO.



Piston kit-Set

OEM NO. S130A-E0080



Piston

SIZE

Comp : \emptyset 57.1 w/al-fin Height : -18.5 oil-cooled Length : 100.0
Top Shape : 65.0
Direct Injection
Pin : 37.0 Length : 85.0

STD

Piston Ring

OEM NO. 13011-3570
NPR : SDH20-088ZY

OEM Ring Groove

SIZE

Top : 2.5
2nd : 2.0
Oil : 4.0

STD



Cylinder Liner

OEM NO. 11467-2601

Liner&Sleeve

SIZE

In Diameter : 114.0
Out Diameter : 117.0
Total length : 204.0
Flange : 122.0*8.0+0.8

STD



Engine Bearing

MAIN : 11701-2180A
CON.ROD : 13201-1631
T/W :
C/B : 11901-1020A
BUSH : 13272-1300B

SIZE

STD

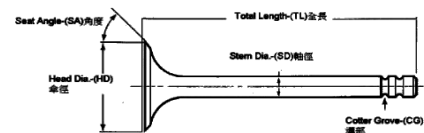


Engine Valve

OEM NO. 13711-1631/0
IN 39.0 7.0 132.8
OEM NO. 13715-1730/2
EX 36.9 7.0 132.2

SIZE

STD

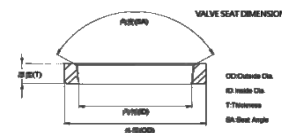


Valve Seat

OEM NO. 11131-1380
IN 41.0 34.0 7.3
OEM NO. 11135-1720
EX 39.0 32.3 6.0

SIZE

STD

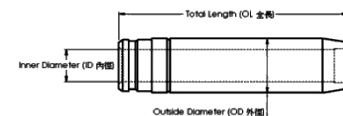


Valve Guide

OEM NO. 11122-1220
IN/EX 61.5 7.0 13.0

SIZE

STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. S130B-E0390



Piston

SIZE

Comp : 57.0 w/al-fin Height : -18.8 oil-cooled Length : 100.0
Top Shape : 63.0
Direct Injection
Pin : 37.0 Length : 85.0

STD

Piston Ring

OEM NO. 13011-4040A
NPR : SDH20-102ZY



OEM Ring Groove

SIZE

Top : 2.5
2nd : 2.0
Oil : 4.0

STD

Cylinder Liner

OEM NO.



Liner&Sleeve

SIZE

In Diameter : 112.0
Out Diameter : 117.0
Total length : 203.0
Flange : 122.0*8.05

STD

Engine Bearing

MAIN : 11019-1470A
CON.ROD : 13201-2120A
T/W : 11011-1380
C/B :
BUSH :

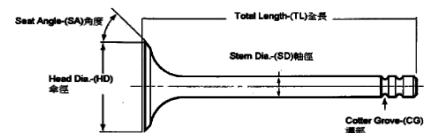


SIZE

STD

Engine Valve

OEM NO.
IN
OEM NO.
EX

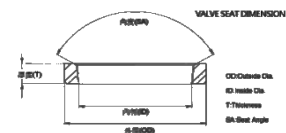


SIZE

STD

Valve Seat

OEM NO.
IN
OEM NO.
EX

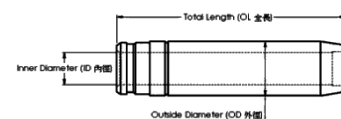


SIZE

STD

Valve Guide

OEM NO.
IN
OEM NO.
EX



SIZE

STD

Gasket Set

OEM NO.



HINO K13C-12V

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 135.0 MM
Swept Volume 12882 ccm

Piston kit-Set

OEM NO. 13222-2111/13216-2140

| Piston | SIZE |
|--|------|
| Comp : \emptyset 90.3 w/al-fin Height : -27.4 oil-cooled Length : 145.5 Top Shape : 81.0 Direct Injection Pin : 50.0 Length : 110.0 | STD |



Piston Ring

OEM NO. 13011-3090
NPR : SJH20-071ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.3DK 2nd : 3.5 3rd : 3.5 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-2090

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 135.0 Out Diameter : 153.0 Total length : 267.0 Flange : 164.0*12.1+0.8 | STD |



Engine Bearing

MAIN : 11701-1013
CON.ROD : 13201-1610
T/W : 11011-1011
C/B :
BUSH : 13272-1320

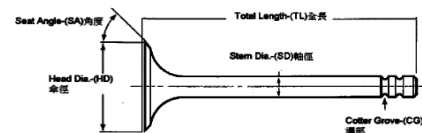
SIZE
STD



Engine Valve

OEM NO. 13711-1420
IN 57.0 12.0 170.0
OEM NO. 13715-1013
EX 53.0 12.0 170.0

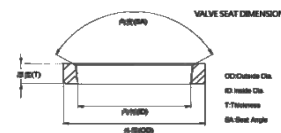
SIZE
STD



Valve Seat

OEM NO. 11131-1450
IN 61 50 10
OEM NO. 11135-1010C
EX 55 45 9.0

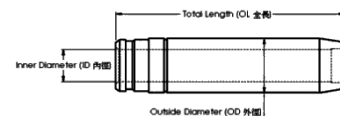
SIZE
STD



Valve Guide

OEM NO. 11122-1040
IN/EX 87.0 12.0 17.0

SIZE
STD



Gasket Set

OEM NO.



HINO K13C-24V

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 135.0 MM
Swept Volume 12882 ccm

Piston kit-Set

OEM NO. 13211-3260



Piston

SIZE

Comp : \emptyset 90.3 w/al-fin Height : -26.4 oil-cooled Length : 145.5
Top Shape : 83.7
Direct Injection
Pin : 50.0 Length : 110.0

STD

Piston Ring

OEM NO. 13011-3090

NPR : SJH20-071ZZ



OEM Ring Groove

SIZE

Top : 3.3DK
2nd : 3.5
3rd : 3.5
Oil : 5.0

STD

Cylinder Liner

OEM NO. 11467-2090



Liner&Sleeve

SIZE

In Diameter : 135.0
Out Diameter : 153.0
Total length : 267.0
Flange : 164.0*12.1+0.8

STD

Engine Bearing

MAIN : 11701-1013

CON.ROD : 13201-1610

T/W : 11011-1011

C/B :

BUSH : 13272-1320

SIZE



STD

Engine Valve

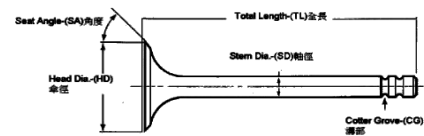
OEM NO. 13711-1820

IN 46.0 9.0 159.0

OEM NO. 13715-7190

EX 45.0 9.0 159.0

SIZE



STD

Valve Seat

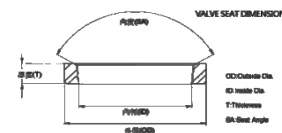
OEM NO. 11131-1360

IN 49 40 8.0

OEM NO. 11135-1620

EX 47 39 8.0

SIZE



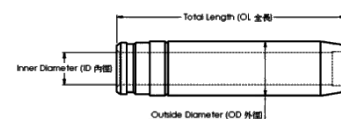
STD

Valve Guide

OEM NO. 11122-1180

IN/EX 61.0 9.0 16.0

SIZE



STD

Gasket Set

OEM NO.



HINO K13C-24V

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 135.0 MM
Swept Volume 12882 ccm

Piston kit-Set

OEM NO. 13216-2330



| Piston | SIZE |
|--|------|
| Comp : 90.3 w/al-fin Height : -26.4 oil-cooled Length : 144.3 Top Shape : 82.0 Direct Injection Pin : 50.0 Length : 110.0 | STD |

Piston Ring

OEM NO. 13011-3090
NPR : SJH20-071ZZ



| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.3DK 2nd : 3.5 3rd : 3.5 Oil : 5.0 | STD |

Cylinder Liner

OEM NO. 11467-2090



| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 135.0 Out Diameter : 153.0 Total length : 267.0 Flange : 164.0*12.1+0.8 | STD |

Engine Bearing

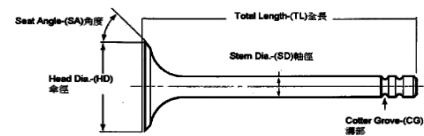
MAIN : 11701-1013
CON.ROD : 13201-1610
T/W : 11011-1011
C/B :
BUSH : 13272-1320



| | SIZE |
|--|------|
| | STD |

Engine Valve

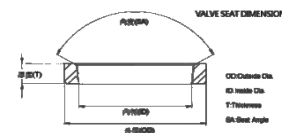
OEM NO. 13711-1820
IN 46.0 9.0 159.0
OEM NO. 13715-7190
EX 45.0 9.0 159.0



| | SIZE |
|--|------|
| | STD |

Valve Seat

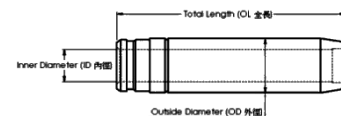
OEM NO. 11131-1360
IN 49 40 8.0
OEM NO. 11135-1620
EX 47 39 8.0



| | SIZE |
|--|------|
| | STD |

Valve Guide

OEM NO. 11122-1180
IN/EX 61.0 9.0 16.0



| | SIZE |
|--|------|
| | STD |

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-2100

| | |
|---|------|
| Piston | SIZE |
| Comp : \emptyset 90.3 w/al-fin Height : -27.3 Length : 144.2 Top Shape : 74.0 Direct Injection Pin : 50.0 Length : 110.0 | STD |



Piston Ring

OEM NO. 13011-2770
NPR : SDH20-061ZZ

| | |
|--|------|
| OEM Ring Groove | SIZE |
| Top : 3.3DK 2nd : 3.5 3rd : 3.5 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1910

| | |
|--|------|
| Liner&Sleeve | SIZE |
| In Diameter : 137.0 Out Diameter : 153.0 Total length : 267.0 Flange : 164.0*12.1+0.8 | STD |



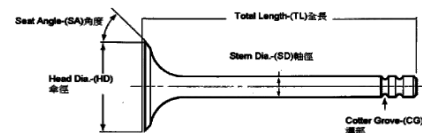
Engine Bearing

| | |
|---|------|
| MAIN : 11701-1013 CON.ROD : 13201-1012 T/W : 11011-1360 C/B : BUSH : 13271-1010 | SIZE |
| | STD |



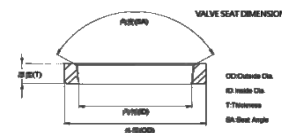
Engine Valve

| | |
|--|------|
| OEM NO. 13711-1420 IN 57.0 12.0 170.0 OEM NO. 13715-1013 EX 53.0 12.0 170.0 | SIZE |
| | STD |



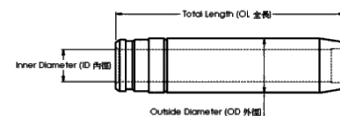
Valve Seat

| | |
|--|------|
| OEM NO. 11131-1450 IN 61 50 10 OEM NO. 11135-1010C EX 55 45 9.0 | SIZE |
| | STD |



Valve Guide

| | |
|--|------|
| OEM NO. 11122-1040 IN/EX 87.0 12.0 17.0 | SIZE |
| | STD |



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-2440



Piston

SIZE

Comp : 90.3 w/al-fin Height : Length : 145.5
Top Shape : 74.0
Direct Injection
Pin : 50.0 Length : 110.0

STD

Piston Ring

OEM NO. 13011-2770

NPR : SDH20-061ZZ



OEM Ring Groove

SIZE

Top : 3.3DK
2nd : 3.5
3rd : 3.5
Oil : 5.0

STD

Cylinder Liner

OEM NO. 11467-1910



Liner&Sleeve

SIZE

In Diameter : 137.0
Out Diameter : 153.0
Total length : 267.0
Flange : 164.0*12.1+0.8

STD

Engine Bearing

MAIN : 11701-1013

CON.ROD : 13201-1012

T/W : 11011-1360

C/B :

BUSH : 13271-1010

SIZE



STD

Engine Valve

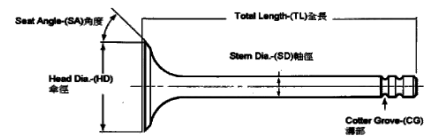
OEM NO. 13711-1420

IN 57.0 12.0 170.0

OEM NO. 13715-1013

EX 53.0 12.0 170.0

SIZE



STD

Valve Seat

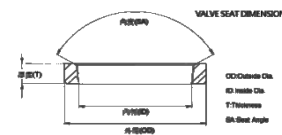
OEM NO. 11131-1450

IN 61 50 10

OEM NO. 11135-1010C

EX 55 45 9.0

SIZE



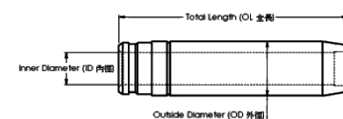
STD

Valve Guide

OEM NO. 11122-1040

IN/EX 87.0 12.0 17.0

SIZE



STD

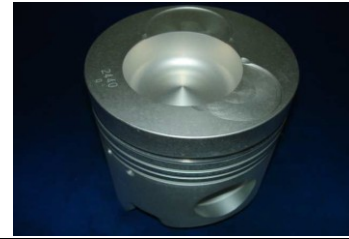
Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-2070



Piston

SIZE

Comp : 85.6 w/al-fin Height : -29.0 Length : 144.5
Top Shape : 68.5
Direct Injection
Pin : 47.0 Length : 99.0

STD

Piston Ring

OEM NO. 13011-2250

NPR : SDH20-049ZY



OEM Ring Groove

SIZE

Top : 3.3DK
2nd : 3.0
3rd : 3.0
Oil : 5.0

STD

Cylinder Liner

OEM NO. 11467-1671



Liner&Sleeve

SIZE

In Diameter : 127.0
Out Diameter : 130.3
Total length : 236.0
Flange : 135.2*8.0+0.8

STD

Engine Bearing

MAIN : 11701-1740

CON.ROD : 13201-1520

T/W : 11011-1220

C/B : 11811-1070

BUSH : 13272-1260

SIZE



STD

Engine Valve

OEM NO.

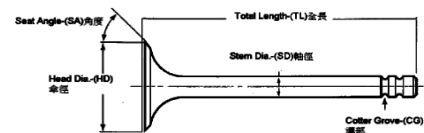
IN

OEM NO.

EX

SIZE

STD



Valve Seat

OEM NO.

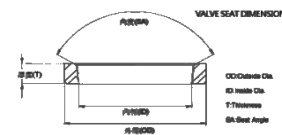
IN

OEM NO.

EX

SIZE

STD



Valve Guide

OEM NO.

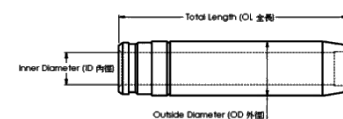
IN

OEM NO.

EX

SIZE

STD



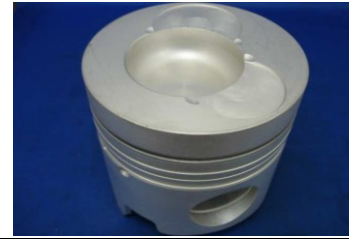
Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-2411



Piston

SIZE

Comp : 85.5 [∅]w/al-fin Height : -25.0 Length : 144.5
Top Shape : 65.5
Direct Injection
Pin : 47.0 Length : 99.0

STD

Piston Ring

OEM NO. 13011-2250
NPR : SDH20-049ZY



OEM Ring Groove

SIZE

Top : 3.3DK
2nd : 3.0
3rd : 3.0
Oil : 5.0

STD

Cylinder Liner

OEM NO. 11467-1671



Liner&Sleeve

SIZE

In Diameter : 127.0
Out Diameter : 130.3
Total length : 236.0
Flange : 135.2*8.0+0.8

STD

Engine Bearing

MAIN : 11701-1740
CON.ROD : 13201-1520
T/W : 11011-1220
C/B : 11811-1070
BUSH : 13272-1260

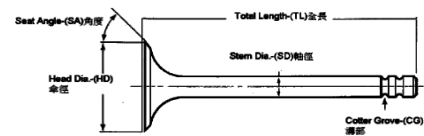


SIZE

STD

Engine Valve

OEM NO.
IN
OEM NO.
EX

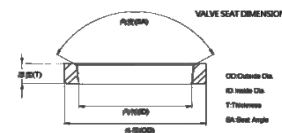


SIZE

STD

Valve Seat

OEM NO.
IN
OEM NO.
EX

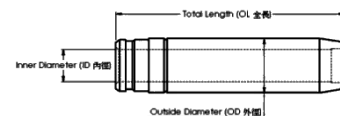


SIZE

STD

Valve Guide

OEM NO.
IN
OEM NO.
EX



SIZE

STD

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13211-2001

Piston

SIZE

Comp : 85.5 \emptyset w/al-fin Height : Length : 144.5
Top Shape : 65.0
Direct Injection
Pin : 47.0 Length : 99.0

STD

Piston Ring

OEM NO. 13011-2250
NPR : SDH20-049ZY

OEM Ring Groove

SIZE

Top : 3.3DK
2nd : 3.0
3nd : 3.0
Oil : 5.0

STD



Cylinder Liner

OEM NO. 11467-1671

Liner&Sleeve

SIZE

In Diameter : 127.0
Out Diameter : 130.3
Total length : 236.0
Flange : 135.2*8.0+0.8

STD



Engine Bearing

MAIN : 11701-1740
CON.ROD : 13201-1520
T/W : 11011-1220
C/B : 11811-1070
BUSH : 13272-1260

SIZE

STD

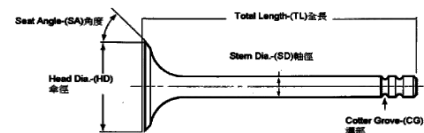


Engine Valve

OEM NO.
IN
OEM NO.
EX

SIZE

STD

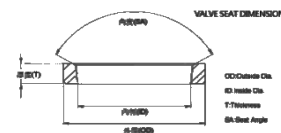


Valve Seat

OEM NO. VSHI-23-I
IN 55.5 47.0 8.3
OEM NO. VSHI-23-E
EX 49.5 40.3 8.3

SIZE

STD

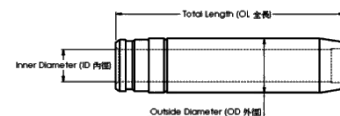


Valve Guide

OEM NO.
IN
OEM NO.
EX

SIZE

STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-2460/13216-2470



Piston

SIZE

Comp : 85.8 w/al-fin Height : -24.8 oil-cooled Length : 144.5
Top Shape : 70.0
Direct Injection
Pin : 47.0 Length : 99.0

STD

Piston Ring

OEM NO. 13011-2370
NPR : SJH20-050ZZ



OEM Ring Groove

SIZE

Top : 3.3DK
2nd : 3.0
3rd : 2.5
Oil : 5.0

STD

Cylinder Liner

OEM NO. 11467-1131A



Liner&Sleeve

SIZE

In Diameter : 120.0
Out Diameter : 125.0
Total length : 236.0
Flange : 132.0*8.0+0.8

STD

Engine Bearing

MAIN : 11701-1870A
CON.ROD : 13201-1670A
T/W : 11011-1330A
C/B :
BUSH : 13271-1390

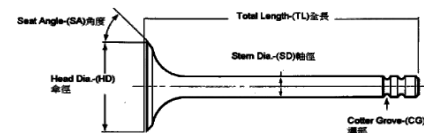


SIZE

STD

Engine Valve

OEM NO. 13711-1790
IN 40.9 8.0 155.7
OEM NO. 13715-1860
EX 39.9 8.0 155.2

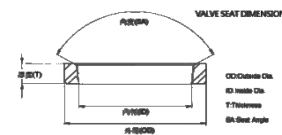


SIZE

STD

Valve Seat

OEM NO. 11131-1460
IN 44.2 36.5 6.0
OEM NO. 11135-1672
EX 42.2 34.0 6.0

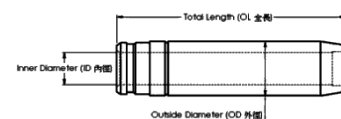


SIZE

STD

Valve Guide

OEM NO. 11122-1190
IN /EX 80.0 8.0 14.0



SIZE

STD

Gasket Set

OEM NO.



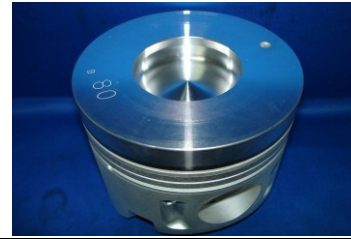
HINO SO5CB

Application : SO5CB
Number of Cylinders 4
Cylinder dia. 114.0 MM
Swept Volume ccm

Piston kit-Set

OEM NO. 13216-2983

| Piston | SIZE |
|--|------|
| Comp : ϕ 60.5 w/al-fin Height : Length : 103.5 Top Shape : 53.0 Direct Injection Pin : 37.0 Length : | STD |



Piston Ring

OEM NO. 13011-3880A
NPR : SDH20-086ZY

| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 2.5 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO.

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |



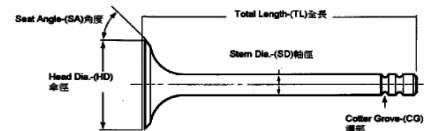
Engine Bearing

| MAIN : CON.ROD : T/W : C/B : BUSH : | SIZE |
|---|------|
| | STD |



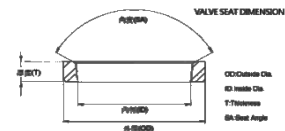
Engine Valve

| OEM NO. IN OEM NO. EX | SIZE |
|--------------------------------|------|
| | STD |



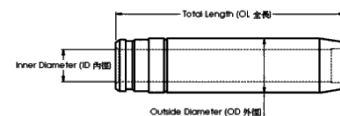
Valve Seat

| OEM NO. IN OEM NO. EX | SIZE |
|--------------------------------|------|
| | STD |



Valve Guide

| OEM NO. IN OEM NO. EX | SIZE |
|--------------------------------|------|
| | STD |



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13226-1162(R)/13216-1842(L)



| Piston | SIZE |
|---|------|
| Comp : 90.3 w/al-fin Height : -30.0 Length : 144.3 Top Shape : 74.6 Direct Injection Pin : 50.0 Length : 110.0 | STD |

Piston Ring

OEM NO. 13011-2470
NPR : SDH20-052ZZ



| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.3DK 2nd : 3.5 3rd : 3.5 Oil : 6.0 | STD |

Cylinder Liner

OEM NO. 11467-2130



| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 139.0 Out Diameter : 156.0 Total length : 248.0 Flange : 167.0*12.1+0.8 | STD |

Engine Bearing

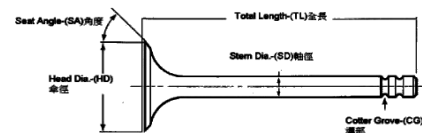
MAIN : 11701-1780
CON.ROD : 13201-1620
T/W : 11011-1260
C/B : 11811-1170
BUSH : 13272-1240



| | SIZE |
|--|------|
| | STD |

Engine Valve

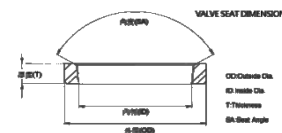
OEM NO.
IN
OEM NO.
EX



| | SIZE |
|--|------|
| | STD |

Valve Seat

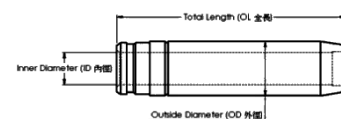
OEM NO.
IN
OEM NO.
EX



| | SIZE |
|--|------|
| | STD |

Valve Guide

OEM NO.
IN
OEM NO.
EX



| | SIZE |
|--|------|
| | STD |

Gasket Set

OEM NO.



HINO WO4CT

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 104.0 MM
Swept Volume 5010 ccm

Piston kit-Set

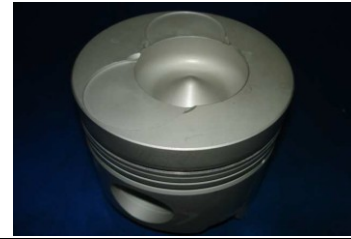
OEM NO. 13216-2210

Piston

SIZE

Comp : ϕ 62.7 w/al-fin Height : -19.4 oil-cooled Length : 108.7
Top Shape : 52.7
Direct Injection
Pin : 37.0 Length : 85.0

STD



Piston Ring

OEM NO. 13011-2270

NPR : SJH20-047ZZ

OEM Ring Groove

SIZE

Top : 2.8DK
2nd : 2.5
Oil : 5.0

STD



Cylinder Liner

OEM NO. 11467-1771

Liner&Sleeve

SIZE

In Diameter : 104.0
Out Diameter : 107.0
Total length : 201.0
Flange : 112.0*8.0+0.8

STD



Engine Bearing

MAIN : 11701-1611
CON.ROD : 13201-1540
T/W : 11011-1240
C/B : 11811-1180
BUSH :

SIZE

STD

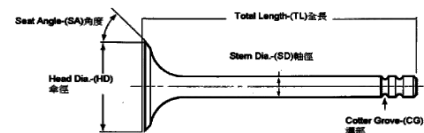


Engine Valve

OEM NO. 13711-78010
IN 45.4 9.0 123.3
OEM NO. 13715-1251
EX 39.9 9.0 123.0

SIZE

STD

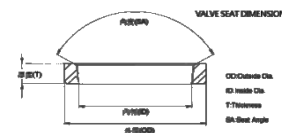


Valve Seat

OEM NO. 11131-1210
IN 46.5 38.5 7.6
OEM NO. 11135-1320
EX 41.0 35.7 7.3

SIZE

STD

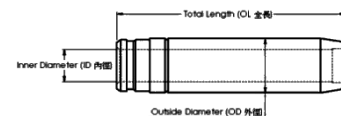


Valve Guide

OEM NO. 11122-1140
IN/EX 56.0 9.0 14.0

SIZE

STD



Gasket Set

OEM NO.



HINO WO4CT

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 104.0 MM
Swept Volume 5010 ccm

Piston kit-Set

OEM NO. 13211-1982

| | |
|--|------|
| Piston | SIZE |
| Comp : \emptyset 62.7 w/al-fin Height : -20.5 Length : 108.8 Top Shape : 58.0 Direct Injection Pin : 37.0 Length : 85.0 | STD |



Piston Ring

OEM NO. 13011-2270
NPR : SJH20-047ZZ

| | |
|---|------|
| OEM Ring Groove | SIZE |
| Top : 2.806DK 2nd : 2.5 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1771

| | |
|---|------|
| Liner&Sleeve | SIZE |
| In Diameter : 104.0 Out Diameter : 107.0 Total length : 201.0 Flange : 112.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1611
CON.ROD : 13201-1540
T/W : 11011-1240
C/B : 11811-1180
BUSH :

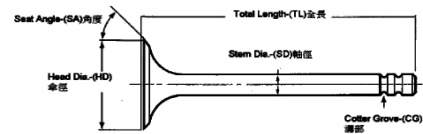
| |
|------|
| SIZE |
| STD |



Engine Valve

OEM NO. 13711-78010
IN 45.4 9.0 123.3
OEM NO. 13715-1251
EX 39.9 9.0 123.0

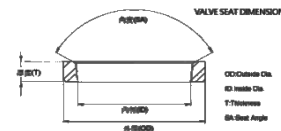
| |
|------|
| SIZE |
| STD |



Valve Seat

OEM NO. 11131-1210
IN 46.5 38.5 7.6
OEM NO. 11135-1320
EX 41.0 35.7 7.3

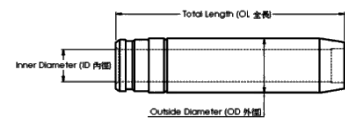
| |
|------|
| SIZE |
| STD |



Valve Guide

OEM NO. 11122-1140
IN/EX 56.0 9.0 14.0

| |
|------|
| SIZE |
| STD |



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1460

| | |
|--|------|
| Piston | SIZE |
| Comp : \emptyset 60.3 w/al-fin Height : -19.2 Length : 106.0 Top Shape : 51.6 Direct Injection Pin : 35.0 Length : 85.0 | STD |



Piston Ring

OEM NO. 13011-1973
NPR : SJH20-038ZZ

| | |
|-------------------------------------|------|
| OEM Ring Groove | SIZE |
| Top : 2.5 2nd : 2.0 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1771

| | |
|---|------|
| Liner&Sleeve | SIZE |
| In Diameter : 104.0 Out Diameter : 107.0 Total length : 201.0 Flange : 112.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1611
CON.ROD : 13201-1430
T/W : 11011-1240
C/B :
BUSH : 13272-1280

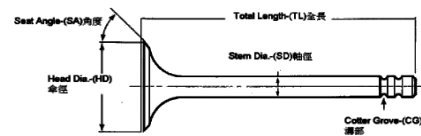
| |
|------|
| SIZE |
| STD |



Engine Valve

OEM NO. 13711-78010
IN 45.4 9.0 123.3
OEM NO. 13715-1251
EX 39.9 9.0 123.0

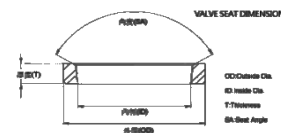
| |
|------|
| SIZE |
| STD |



Valve Seat

OEM NO. 11131-1210
IN 46.5 38.5 7.6
OEM NO. 11135-1320
EX 41.0 35.7 7.3

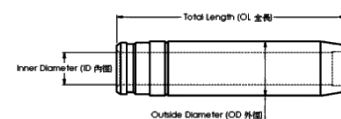
| |
|------|
| SIZE |
| STD |



Valve Guide

OEM NO. 11122-1140
IN/EX 56.0 9.0 14.0

| |
|------|
| SIZE |
| STD |



Gasket Set

OEM NO.



HINO WO4DT

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 104.0 MM
Swept Volume 4009 ccm

Piston kit-Set

OEM NO. 13216-3201

Piston

SIZE

Comp : \emptyset 60.2 w/al-fin Height : -18.5 Length : 106.2
Top Shape : 51.4
Direct Injection
Pin : 37.0 Length : 85.0

STD



Piston Ring

OEM NO. 13011-3950

NPR : SDH20-099ZZ

OEM Ring Groove

SIZE

Top : 2.5
2nd : 2.0
Oil : 4.0

STD



Cylinder Liner

OEM NO. 11467-1771

Liner&Sleeve

SIZE

In Diameter : 104.0
Out Diameter : 107.0
Total length : 201.0
Flange : 112.0*8.0+0.8

STD



Engine Bearing

MAIN : 11701-1611

CON.ROD : 13201-1430

T/W : 11011-1240

C/B :

BUSH : 13272-1280

SIZE

STD



Engine Valve

OEM NO. 13711-78010

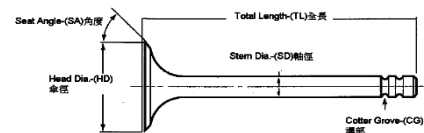
IN 45.4 9.0 123.3

OEM NO. 13715-1251

EX 39.9 9.0 123.0

SIZE

STD



Valve Seat

OEM NO. 11131-1210

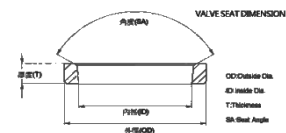
IN 46.5 38.5 7.6

OEM NO. 11135-1320

EX 41.0 35.7 7.3

SIZE

STD



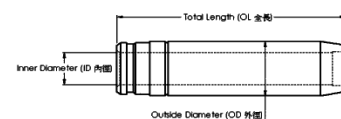
Valve Guide

OEM NO. 11122-1140

IN/EX 56.0 9.0 14.0

SIZE

STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1470

Piston

SIZE

Comp : \emptyset 62.6 w/al-fin Height : -18.5 Length : 108.6
Top Shape :
Direct Injection
Pin : 35.0 Length : 85.0

STD



Piston Ring

OEM NO. 13011-1973

NPR : SJH20-038ZZ

OEM Ring Groove

SIZE

Top : 2.5
2nd : 2.0
Oil : 5.0

STD



Cylinder Liner

OEM NO. 11467-1771

Liner&Sleeve

SIZE

In Diameter : 104.0
Out Diameter : 107.0
Total length : 201.0
Flange : 112.0*8.0+0.8

STD



Engine Bearing

MAIN : 11701-1611

CON.ROD : 13201-1430

T/W : 11011-1240

C/B :

BUSH : 13272-1280

SIZE

STD



Engine Valve

OEM NO. 13711-78010

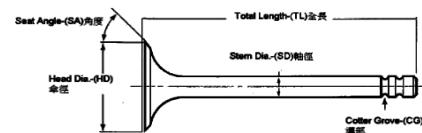
IN 45.4 9.0 123.3

OEM NO. 13715-1251

EX 39.9 9.0 123.0

SIZE

STD



Valve Seat

OEM NO. 11131-1210

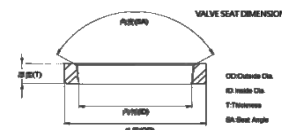
IN 46.5 38.5 7.6

OEM NO. 11135-1320

EX 41.0 35.7 7.3

SIZE

STD



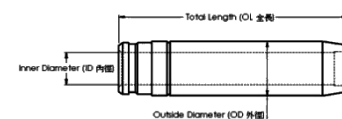
Valve Guide

OEM NO. 11122-1140

IN/EX 56.0 9.0 14.0

SIZE

STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13216-1470

Piston

SIZE

Comp : \emptyset 62.6 w/al-fin Height : -18.5 Length : 108.6
Top Shape : 51.7
Direct Injection
Pin : 35.0 Length : 85.0

STD



Piston Ring

OEM NO. 13011-1983

NPR : SJH20-041ZZ

OEM Ring Groove

SIZE

Top : 2.5
2nd : 2.0
Oil : 5.0

STD



Cylinder Liner

OEM NO. 11467-1771

Liner&Sleeve

SIZE

In Diameter : 104.0
Out Diameter : 107.0
Total length : 201.0
Flange : 112.0*8.0+0.8

STD



Engine Bearing

MAIN : 11701-1630

CON.ROD : 13201-1450

T/W : 11011-1280

C/B : 11811-1180

BUSH : 13272-1280

SIZE

STD



Engine Valve

OEM NO. 13711-78010

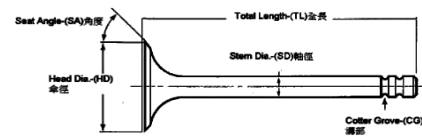
IN 45.4 9.0 123.3

OEM NO. 13715-1251

EX 39.9 9.0 123.0

SIZE

STD



Valve Seat

OEM NO. 11131-1210

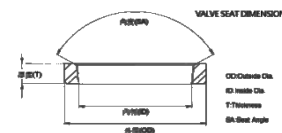
IN 46.5 38.5 7.6

OEM NO. 11135-1320

EX 41.0 35.7 7.3

SIZE

STD



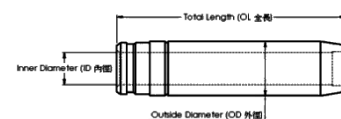
Valve Guide

OEM NO. 11122-1140

IN/EX 56.0 9.0 14.0

SIZE

STD



Gasket Set

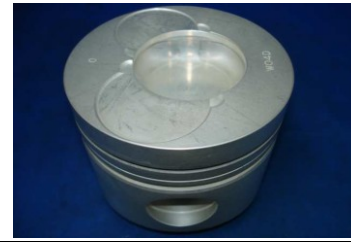
OEM NO.



Piston kit-Set

OEM NO. 13211-2070

| Piston | SIZE |
|---|------|
| Comp : ϕ 60.3 w/al-fin Height : -19.2 Length : 106.0 Top Shape : 51.6 Direct Injection Pin : 35.0 Length : 85.0 | STD |



Piston Ring

OEM NO. 13011-1983
NPR : SJH20-041ZZ

| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 2.5 2nd : 2.0 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1771

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 104.0 Out Diameter : 107.0 Total length : 201.0 Flange : 112.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-1630
CON.ROD : 13201-1450
T/W : 11011-1280
C/B : 11811-1180
BUSH : 13272-1280

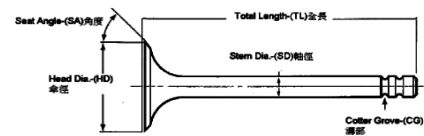
SIZE
STD



Engine Valve

OEM NO. 13711-78010
IN 45.4 9.0 123.3
OEM NO. 13715-1251
EX 39.9 9.0 123.0

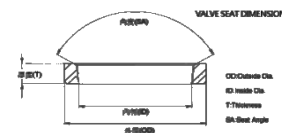
SIZE
STD



Valve Seat

OEM NO. 11131-1210
IN 46.5 38.5 7.6
OEM NO. 11135-1320
EX 41.0 35.7 7.3

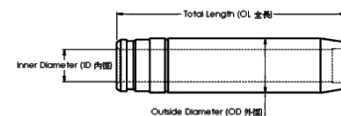
SIZE
STD



Valve Guide

OEM NO. 11122-1140
IN/EX 56.0 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13211-0200



Piston

SIZE

Comp : 71.6 Cast Iron Height : Length : 110.0
Top Shape : 90.0
Direct Injection
Pin : 55.0 Length : 100.0

STD

Piston Ring

OEM NO. 13011-4010A
NPR : SDH20-100ZY



OEM Ring Groove

SIZE

Top : 3.306DK
2nd : 2.806
3rd : 2.5
Oil : 4.0

STD

Cylinder Liner

OEM NO. 11467-3230A



Liner&Sleeve

SIZE

In Diameter : 137.0
Out Diameter : 142.0
Total length : 251.0
Flange : 149.6*5.0+1.1

STD

Engine Bearing

MAIN :
CON.ROD :
T/W :
C/B :
BUSH :

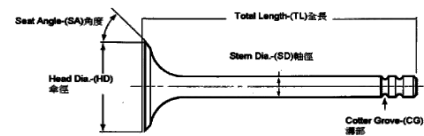


SIZE

STD

Engine Valve

OEM NO. 13711-1780
IN 46.9 10.0 176.0
OEM NO. 13715-1850
EX 45.9 10.0 176.0

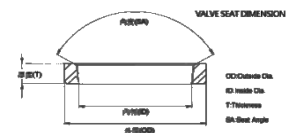


SIZE

STD

Valve Seat

OEM NO.
IN
OEM NO.
EX

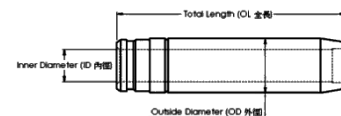


SIZE

STD

Valve Guide

OEM NO. 11122-1260
IN/EX 72.3 17.0 10.0



SIZE

STD

Gasket Set

OEM NO.



HINO P11C

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 122.0 MM
Swept Volume 10520 ccm

Piston kit-Set

OEM NO. 13211-2700

Piston

SIZE

Comp : 61.0 Cast iron Height : -25.4 Length : 96.0
 Top Shape : 75.0
 Direct Injection
 Pin : 47.0 Length : 88.5

STD



Piston Ring

OEM NO. 13011-3110

NPR : SDH20-073ZZ

OEM Ring Groove

SIZE

Top : 3.306DK
 2nd : 2.306DK
 3rd : 2.0
 Oil : 4.0

STD



Cylinder Liner

OEM NO. 11467-3130A

Liner&Sleeve

SIZE

In Diameter : 122.0
 Out Diameter : 127.0
 Total length : 239.0
 Flange : 134.0*8.0+1.0

STD



Engine Bearing

MAIN : 11701-1851A
 CON.ROD : 13201-1880B
 T/W : 11011-1330A
 C/B :
 BUSH : 13271-1460

SIZE

STD

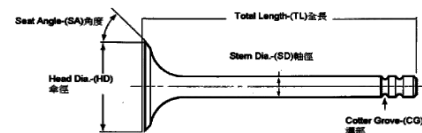


Engine Valve

OEM NO. 13711-1790/1660
 IN 40.9 8.0 155.7
 OEM NO. 13715-1860/1620
 EX 39.9 8.0 155.2

SIZE

STD

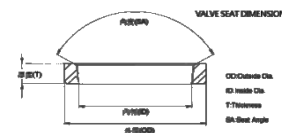


Valve Seat

OEM NO. 11131-1460
 IN 44.2 36.5 6.0
 OEM NO. 11135-1672
 EX 42.2 34.0 6.0

SIZE

STD

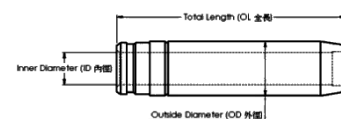


Valve Guide

OEM NO. 11122-1190
 IN/EX 80.0 8.0 14.0

SIZE

STD



Gasket Set

OEM NO.



HINO P11C

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 122.0 MM
Swept Volume 10520 ccm

Piston kit-Set

OEM NO. 13211-2723

Piston

SIZE

Comp : 61.0 ϕ Cast iron Height : -28.0 Length : 96.0
Top Shape : 75.0
Direct Injection
Pin : 47.0 Length : 88.5

STD



Piston Ring

OEM NO. 13011-3110
NPR : SDH20-073ZZ

OEM Ring Groove

SIZE

Top : 3.306DK
2nd : 2.306DK
3rd : 2.0
Oil : 4.0

STD



Cylinder Liner

OEM NO. 11467-3130A

Liner&Sleeve

SIZE

In Diameter : 122.0
Out Diameter : 127.0
Total length : 239.0
Flange : 134.0*8.0+1.0

STD



Engine Bearing

MAIN : 11701-1851A
CON.ROD : 13201-1880B
T/W : 11011-1330A
C/B :
BUSH : 13271-1460

SIZE

STD

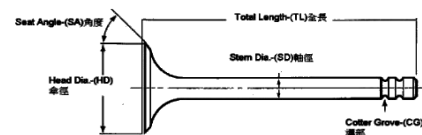


Engine Valve

OEM NO. 13711-1790/1660
IN 40.9 8.0 155.7
OEM NO. 13715-1860/1620
EX 39.9 8.0 155.2

SIZE

STD

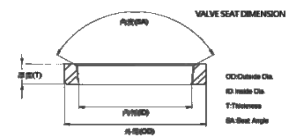


Valve Seat

OEM NO. 11131-1460
IN 44.2 36.5 6.0
OEM NO. 11135-1672
EX 42.2 34.0 6.0

SIZE

STD

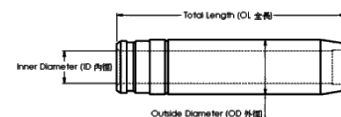


Valve Guide

OEM NO. 11122-1190
IN/EX 80.0 8.0 14.0

SIZE

STD



Gasket Set

OEM NO.



HINO P11C

Application : TRUCK
Number of Cylinders 6
Cylinder dia. 122.0 MM
Swept Volume 10520 ccm

Piston kit-Set

OEM NO. 13216-2930



Piston

SIZE

Comp : 63.5 ϕ Cast iron Height : -25.0 Length : 96.8
Top Shape : 66.0
Direct Injection
Pin : 47.0 Length : 89.0

STD

Piston Ring

OEM NO. 13011-3110
NPR : SDH20-073ZZ



OEM Ring Groove

SIZE

Top : 3.306DK
2nd : 2.206DK
3rd : 2.0
Oil : 4.0

STD

Cylinder Liner

OEM NO. 11467-3130A



Liner&Sleeve

SIZE

In Diameter : 122.0
Out Diameter : 127.0
Total length : 239.0
Flange : 134.0*8.0+1.0

STD

Engine Bearing

MAIN : 11701-1851A
CON.ROD : 13201-1880B
T/W : 11011-1330A
C/B :
BUSH : 13271-1460

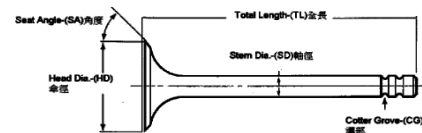


SIZE

STD

Engine Valve

OEM NO. 13711-1790/1660
IN 40.9 8.0 155.7
OEM NO. 13715-1860/1620
EX 39.9 8.0 155.2

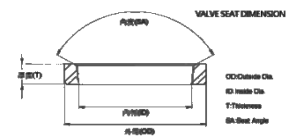


SIZE

STD

Valve Seat

OEM NO. 11131-1460
IN 44.2 36.5 6.0
OEM NO. 11135-1672
EX 42.2 34.0 6.0

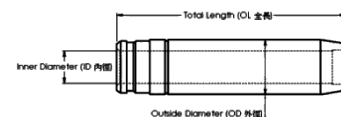


SIZE

STD

Valve Guide

OEM NO. 11122-1190
IN/EX 80.0 8.0 14.0



SIZE

STD

Gasket Set

OEM NO.





TOYOTA DIESEL ENGINE PARTS

| TYPE | NO | TYPE | NO |
|------|-------|------|----|
| B | 1~2 | | |
| 2B | 3 | | |
| 3B | 4~5 | | |
| 11B | 6~7 | | |
| 13B | 8~10 | | |
| 14B | 11~12 | | |
| 15B | 13~15 | | |
| 2C | 16~18 | | |
| 3C | 19~20 | | |
| D | 21 | | |
| 2D | 22 | | |
| 1DZ | 23~25 | | |
| 2H | 26~27 | | |
| 1HD | 28~32 | | |
| 1HZ | 33 | | |
| 2J | 34~35 | | |
| 1KD | 36~39 | | |
| 2KD | 40 | | |
| 1KZ | 41 | | |
| L | 42 | | |
| 2L | 43~48 | | |
| 3L | 49 | | |
| 5L | 50 | | |
| 1W | 51 | | |
| 1Z | 52 | | |
| 2Z | 53~55 | | |
| 3Z | 56 | | |
| 12Z | 57 | | |
| 13Z | 58 | | |
| 14Z | 59 | | |
| 15Z | 60 | | |
| | | | |
| | | | |
| | | | |
| | | | |

Piston kit-Set

OEM NO. 13101-56050

| Piston | SIZE |
|--|------|
| Comp : 52.2 w/al-fin Height : -2.4 Length : 101.3 Top Shape : Flower Pin : 29.0 Length : 72.0 | STD |



Piston Ring

OEM NO. 13011-56040
NPR : SJD10-054ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.5K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-56020

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 95.0 Out Diameter : 102.0 Total length : 190.0 Flange : 107.6*2.5+1.0 | STD |



Engine Bearing

MAIN : 11701-56010
CON.ROD : 13041-56020
T/W : 11011-56010
C/B : 11802-56010
BUSH : 90999-73065

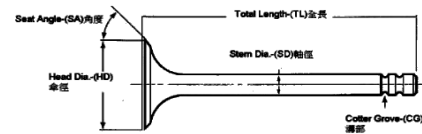
SIZE
STD



Engine Valve

OEM NO. 13711-56060
IN 45.0 9.0 126.5
OEM NO. 13715-56060
EX 37.5 9.0 126.5

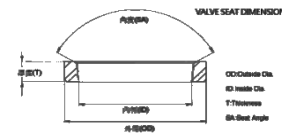
SIZE
STD



Valve Seat

OEM NO. 0223-0032
IN 47.2 38.7 7.0
OEM NO. ES-TO-14-E
EX 39.4 29.0 7.0

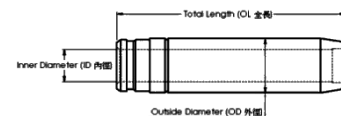
SIZE
STD



Valve Guide

OEM NO. 11122-56010
IN/EX 62.0 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA B BU30

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 95.0 MM
Swept Volume 2977 ccm

Piston kit-Set

OEM NO. 13101-56020

| Piston | SIZE |
|---|------|
| Comp : 52.3 Height : -2.8 Length : 101.3 Top Shape : Flower Pin : 29.0 Length : 79.0 | STD |



Piston Ring

OEM NO. 13011-56012
NPR : SDT10-070ZZ

| OEM Ring Groove | SIZE |
|---------------------------------------|------|
| Top : 2.54K 2nd : 2.5 Oil : 4.5 | STD |



Cylinder Liner

OEM NO. 11461-56020

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 95.0 Out Diameter : 102.0 Total length : 190.0 Flange : 107.6*2.5+1.0 | STD |



Engine Bearing

MAIN : 11701-56010
CON.ROD : 13041-56020
T/W :
C/B : 11802-56010
BUSH : 90999-73065

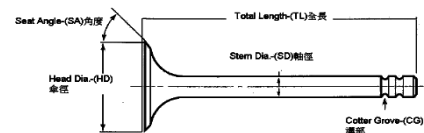
SIZE
STD



Engine Valve

OEM NO. 13711-56010
IN 45.0 9.0 128.1
OEM NO. 13715-56010
EX 37.5 9.0 127.9

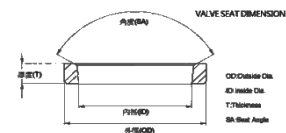
SIZE
STD



Valve Seat

OEM NO. 0223-0032
IN 47.2 38.7 7.0
OEM NO. ES-TO-14-E
EX 39.4 29.0 7.0

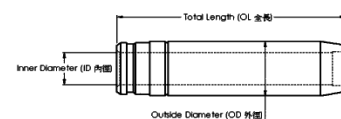
SIZE
STD



Valve Guide

OEM NO. 11122-56010
IN/EX 62.0 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA 2B

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 98.0 MM
Swept Volume 3168 ccm

Piston kit-Set

OEM NO. 13101-57011

| Piston | SIZE |
|---|------|
| Comp : 52.2 Height : -3.2 Length : 101.2 Top Shape : Flower Pin : 29.0 Length : 79.0 | STD |

Piston Ring

OEM NO. 13011-57010
NPR : SJT10-084ZZ

| OEM Ring Groove | SIZE |
|---------------------------------------|------|
| Top : 2.54K 2nd : 2.5 Oil : 4.5 | STD |



Cylinder Liner

OEM NO. 11461-57010

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 98.0 Out Diameter : 102.0 Total length : 190.0 Flange : 107.6*2.5+1.0 | STD |



Engine Bearing

MAIN : 11701-56010
CON.ROD : 13041-56010
T/W :
C/B : 11802-56010
BUSH : 90999-73065

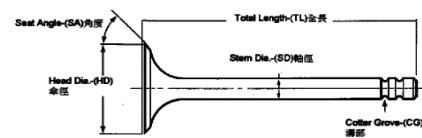
SIZE
STD



Engine Valve

OEM NO. 13711-56020
IN 45.0 9.0 128.1
OEM NO. 13715-56020
EX 37.5 9.0 127.9

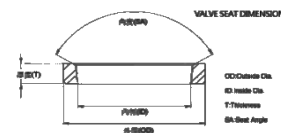
SIZE
STD



Valve Seat

OEM NO. 0223-0032
IN 47.2 38.7 7.0
OEM NO. 0223-0033
EX 39.4 29.0 7.0

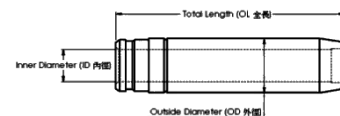
SIZE
STD



Valve Guide

OEM NO. 11122-56010
IN/EX 62.0 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA 3B

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 102.0 MM
Swept Volume 3431 ccm

Piston kit-Set

OEM NO. 13101-58011

| Piston | SIZE |
|--|------|
| Comp : 52.2 w/al-fin Height : -2.9 Length : 101.2 Top Shape : Flower Pin : 32.0 Length : 84.0 | STD |



Piston Ring

OEM NO. 13011-58010
NPR : SJT10-087ZZ

| OEM Ring Groove | SIZE |
|---------------------------------------|------|
| Top : 2.54K 2nd : 2.5 Oil : 4.5 | STD |



Cylinder Liner

OEM NO. 11461-58010

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 102.0 Out Diameter : 106.0 Total length : 188.0 Flange : 112.0*2.5+1.2 | STD |



Engine Bearing

MAIN : 11701-56010
CON.ROD : 13041-56010
T/W : 11011-56010
C/B : 11802-56030
BUSH : 90999-73088

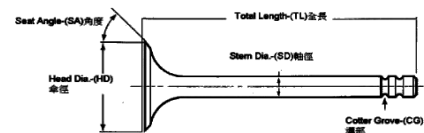
SIZE
STD



Engine Valve

OEM NO. 13711-58010
IN 46.0 9.0 128.0
OEM NO. 13715-58010
EX 41.0 9.0 128.0

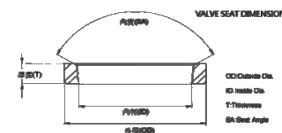
SIZE
STD



Valve Seat

OEM NO.
IN
OEM NO.
EX

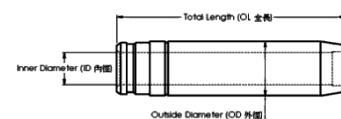
SIZE
STD



Valve Guide

OEM NO. 11122-56030
IN/EX 60.0 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA 3B NEW

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 102.0 MM
Swept Volume 3431 ccm

Piston kit-Set

OEM NO. 13101-58050



Piston

SIZE

Comp : 55.2 Height : -2.7 Length : 101.2
Top Shape : Flower
Pin : 32.0
Length : 72.0

STD

Piston Ring

OEM NO. 13011-58050
NPR : SDT10-135ZZ



OEM Ring Groove

SIZE

Top : 2.5K
2nd : 2.0
Oil : 4.5

STD

Cylinder Liner

OEM NO. 11461-58010



Liner&Sleeve

SIZE

In Diameter : 102.0
Out Diameter : 106.0
Total length : 188.0
Flange : 112.0*2.5+1.2

STD

Engine Bearing

MAIN : 11701-56010
CON.ROD : 13041-56010
T/W : 11011-56010
C/B : 11802-56030
BUSH : 90999-73088

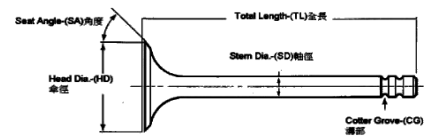


SIZE

STD

Engine Valve

OEM NO. 13711-58010
IN 46.0 9.0 128.0
OEM NO. 13715-58010
EX 41.0 9.0 128.0

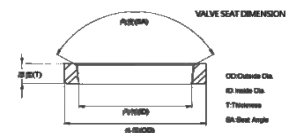


SIZE

STD

Valve Seat

OEM NO.
IN
OEM NO.
EX

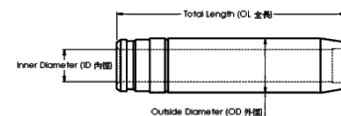


SIZE

STD

Valve Guide

OEM NO. 11122-56030
IN/EX 60.0 9.0 14.0



SIZE

STD

Gasket Set

OEM NO.



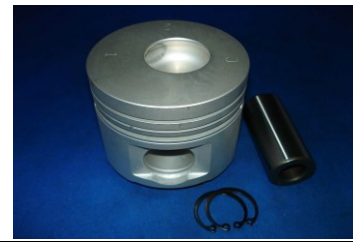
TOYOTA 11B

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 95.0 MM
Swept Volume 2977 ccm

Piston kit-Set

OEM NO. 13101-56060

| Piston | SIZE |
|---|------|
| Comp : 55.3 Height : -20.3 Length : 90.4 Top Shape : Ø38.0 Direct Injection Pin : 32.0 Length : 72.0 | STD |



Piston Ring

OEM NO. 13011-56040
NPR : SDT10-054ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.5K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-56030

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 95.0 Out Diameter : 98.0 Total length : 191.0 Flange : | STD |



Engine Bearing

MAIN : 11701-56010
CON.ROD : 13041-56040
T/W : 11011-56010
C/B : 11802-56030
BUSH : 90999-73116

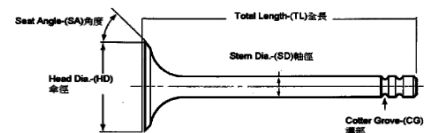
SIZE
STD



Engine Valve

OEM NO. 13711-56060
IN 44.0 9.0 126.7
OEM NO. 13715-56060
EX 36.0 9.0 126.7

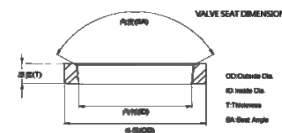
SIZE
STD



Valve Seat

OEM NO. EVSTO-02-I
IN 44.0 9.0 126.7
OEM NO. EVSTO-02-E
EX 36.0 9.0 126.7

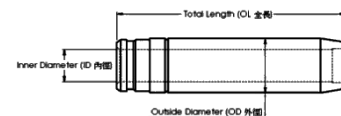
SIZE
STD



Valve Guide

OEM NO. 11122-56030
IN/EN 60.0 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA 11B BU65

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 95.0 MM
Swept Volume 2977 ccm

Piston kit-Set

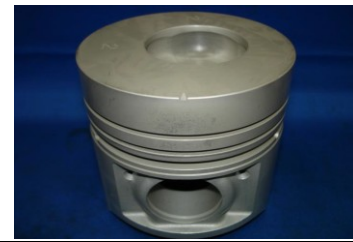
OEM NO. 13101-56041

Piston

SIZE

Comp : 62.5 Height : -18.0 Length : 98.4
Top Shape : Ø45.0
Direct Injection
Pin : 34.0 Length : 76.0

STD



Piston Ring

OEM NO. 13011-56030

NPR : SDT10-157ZZ

OEM Ring Groove

SIZE

Top : 2.5
2nd : 2.5
Oil : 4.5

STD



Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter :
Out Diameter :
Total length :
Flange :

STD



Engine Bearing

MAIN :
CON.ROD :
T/W :
C/B :
BUSH :

SIZE

STD



Engine Valve

OEM NO. 13711-56060

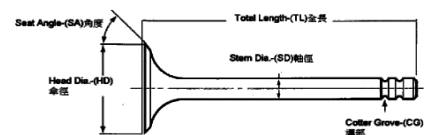
IN 44.0 9.0 126.7

OEM NO. 13715-56060

EX 36.0 9.0 126.7

SIZE

STD

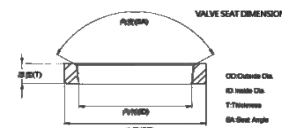


Valve Seat

OEM NO.
IN
OEM NO.
EX

SIZE

STD



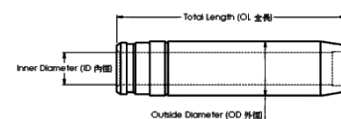
Valve Guide

OEM NO. 11122-56030

IN/EN 60.0 9.0 14.0

SIZE

STD



Gasket Set

OEM NO.



TOYOTA 13B

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 102.0 MM
Swept Volume 3431 ccm

Piston kit-Set

OEM NO. 13101-58020

| Piston | SIZE |
|---|------|
| Comp : 63.3 w/al-fin Height : -22.5 Length : 104.5 Top Shape : Ø46.5 Direct Injection Pin : 34.0 Length : 84.0 | STD |



Piston Ring

OEM NO. 13011-58030
NPR : SDT10-136ZZ

| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 2.5 2nd : 2.5 Oil : 4.5 | STD |



Cylinder Liner

OEM NO. 11461-58010

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 102.0 Out Diameter : 106.0 Total length : 188.0 Flange : 112.0*2.5+1.2 | STD |



Engine Bearing

MAIN : 11701-56010
CON.ROD : 13041-56040
T/W : 11011-56010
C/B : 11802-56021
BUSH : 90999-73099

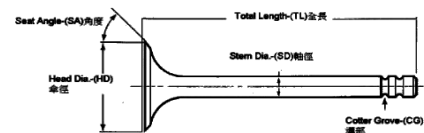
SIZE
STD



Engine Valve

OEM NO. 13711-58010
IN 46.0 9.0 128.0
OEM NO. 13715-58020
EX 38.5 9.0 128.0

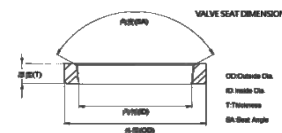
SIZE
STD



Valve Seat

OEM NO. EVSTO-02-I
IN 48.0 41.0 7.0
OEM NO. EVSTO-02-E
EX 40.0 34.0 7.0

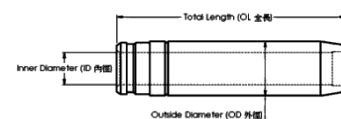
SIZE
STD



Valve Guide

OEM NO. 11122-56030
IN/EX 60.0 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA

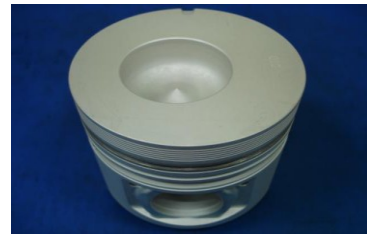
13B

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 102.0 MM
Swept Volume 3431 ccm

Piston kit-Set

OEM NO. 13101-58021

| Piston | SIZE |
|---|------|
| Comp : 63.3 w/al-fin Height : -22.5 Length : 104.5 Top Shape : Ø47.4 Direct Injection Pin : 34.0 Length : 84.0 | STD |



Piston Ring

OEM NO. 13011-58030
 NPR : SDT10-136ZZ

| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 2.5 2nd : 2.5 Oil : 4.5 | STD |



Cylinder Liner

OEM NO. 11461-58010

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 102.0 Out Diameter : 106.0 Total length : 188.0 Flange : 112.0*2.5+1.2 | STD |



Engine Bearing

MAIN : 11701-56010
 CON.ROD : 13041-56040
 T/W : 11011-56010
 C/B : 11802-56021
 BUSH : 90999-73099

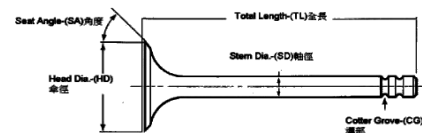
SIZE
 STD



Engine Valve

OEM NO. 13711-58010
 IN 46.0 9.0 128.0
 OEM NO. 13715-58020
 EX 38.5 9.0 128.0

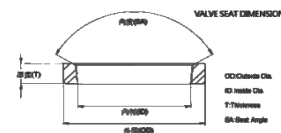
SIZE
 STD



Valve Seat

OEM NO. EVSTO-02-I
 IN 48.0 41.0 7.0
 OEM NO. EVSTO-02-E
 EX 40.0 34.0 7.0

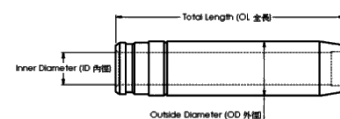
SIZE
 STD



Valve Guide

OEM NO. 11122-56030
 IN/EX 60.0 9.0 14.0

SIZE
 STD



Gasket Set

OEM NO.



TOYOTA

13BT

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 102.0 MM
Swept Volume 3431 ccm

Piston kit-Set

OEM NO. 13101-58030

| Piston | SIZE |
|--|------|
| Comp : 63.3 w/al-fin Height : -20.8 Length : 98.4 Top Shape : Ø49.1 Direct Injection Pin : 34.0 Length : 79.0 | STD |



Piston Ring

OEM NO. 13011-58010
 NPR : SJT10-087ZZ

| OEM Ring Groove | SIZE |
|---------------------------------------|------|
| Top : 2.54K 2nd : 2.5 Oil : 4.5 | STD |



Cylinder Liner

OEM NO. 11461-58010

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 102.0 Out Diameter : 106.0 Total length : 188.0 Flange : 112.0*2.5+1.2 | STD |



Engine Bearing

MAIN : 11701-56010
 CON.ROD : 13041-56040
 T/W : 11011-56010
 C/B : 11802-56020
 BUSH : 90999-73099

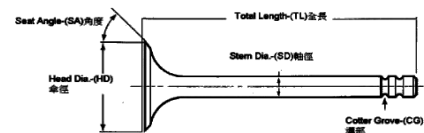
SIZE
 STD



Engine Valve

OEM NO. 13711-58010
 IN 46.0 9.0 128.0
 OEM NO. 13715-58020
 EX 38.5 9.0 128.0

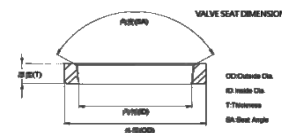
SIZE
 STD



Valve Seat

OEM NO. EVSTO-02-I
 IN 48.0 41.0 7.0
 OEM NO. EVSTO-02-E
 EX 40.0 34.0 7.0

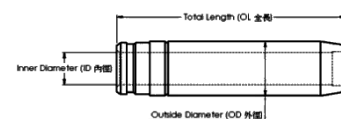
SIZE
 STD



Valve Guide

OEM NO. 11122-56030
 IN/EX 60.0 9.0 14.0

SIZE
 STD



Gasket Set

OEM NO.



TOYOTA

14B

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 102.0 MM
Swept Volume 3660 ccm

Piston kit-Set

OEM NO. 13101-58040/13103-58040



Piston

SIZE

Comp : 52.0 w/al-fin Height : -19.0 Length : 87.0
 Top Shape : Ø43.0
 Direct Injection
 Pin : 32.0 Length : 72.0

STD

Piston Ring

OEM NO. 13011-58050
 NPR : SDT10-135ZZ

OEM Ring Groove

SIZE

Top : 2.5K
 2nd : 2.0
 Oil : 4.0

STD



Cylinder Liner

OEM NO. 11461-58040

Liner&Sleeve

SIZE

In Diameter : 102.0
 Out Diameter : 105.0
 Total length : 196.0
 Flange :

STD



Engine Bearing

MAIN : 11701-56010
 CON.ROD : 13041-56040
 T/W : 11011-56010
 C/B : 11802-56030
 BUSH : 90999-73116

SIZE

STD

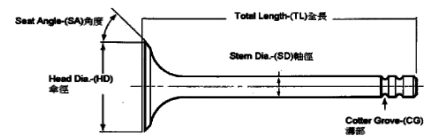


Engine Valve

OEM NO. 13711-58020
 IN 46.0 9.0 126.7
 OEM NO. 13715-58040
 EX 38.5 9.0 126.7

SIZE

STD

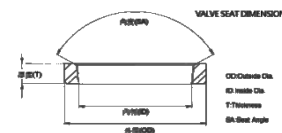


Valve Seat

OEM NO. 11131-58020
 IN 47.0 40.0 7.0
 OEM NO. 11135-58040
 EX 40.0 34.0 7.0

SIZE

STD

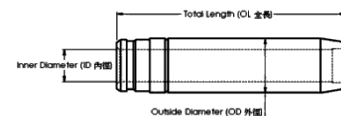


Valve Guide

OEM NO. 11122-56030
 IN/EX 60.0 9.0 14.0

SIZE

STD



Gasket Set

OEM NO.

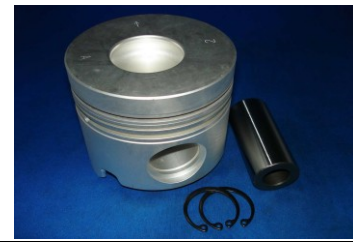


TOYOTA 14BT

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 102.0 MM
Swept Volume 3660 ccm

Piston kit-Set

OEM NO. 13101-58060



Piston

SIZE

Comp : 59.8 w/al-fin Height : -18.8 Length : 94.8
Top Shape : Ø43.0
Direct Injection
Pin : 34.0 Length : 79.0

STD

Piston Ring

OEM NO. 13011-58060

RIK : 28575

OEM Ring Groove

SIZE

Top : 3.0K
2nd : 2.0
Oil : 4.0

STD



Cylinder Liner

OEM NO. 11461-58040

Liner&Sleeve

SIZE

In Diameter : 102.0
Out Diameter : 105.0
Total length : 196.0
Flange :

STD



Engine Bearing

MAIN : 11701-56010
CON.ROD : 13041-56040
T/W : 11011-56010
C/B : 11802-56030
BUSH : 90999-73116

SIZE

STD

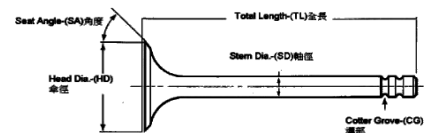


Engine Valve

OEM NO. 13711-58020
IN 46.0 9.0 126.7
OEM NO. 13715-58040
EX 38.5 9.0 126.7

SIZE

STD

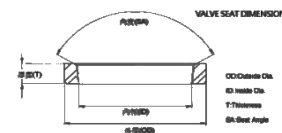


Valve Seat

OEM NO. 11131-58020
IN 47.0 40.0 7.0
OEM NO. 11135-58040
EX 40.0 34.0 7.0

SIZE

STD

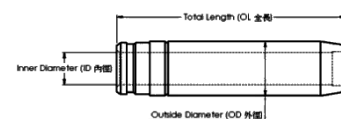


Valve Guide

OEM NO. 11122-56030
IN/EX 60.0 9.0 14.0

SIZE

STD



Gasket Set

OEM NO.



TOYOTA

15B-3AT

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 108.0 MM
Swept Volume 4104 ccm

Piston kit-Set

OEM NO. 13101-58120

Piston

SIZE

Comp : 59.7 w/al-fin Height : -21.0 oil-cooled Length : 94.5
 Top Shape : Ø52.4
 Direct Injection
 Pin : 37.0 Length : 82.0

STD



Piston Ring

OEM NO. 13011-58110

NPR : STD10-189ZZ

OEM Ring Groove

SIZE

Top : 3.0
 2nd : 2.0
 Oil : 4.0

STD



Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter : 108.0
 Out Diameter : 111.0
 Total length : 190.0
 Flange :

STD



Engine Bearing

MAIN : 11701-56010
 CON.ROD : 13041-56040
 T/W : 11011-56010
 C/B : 11802-56031
 BUSH : 90999-73134

SIZE

STD

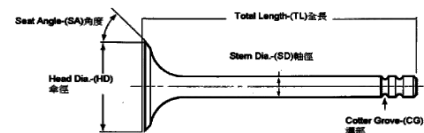


Engine Valve

OEM NO. 13711-58030
 IN 37.5 7.0 126.5
 OEM NO. 13715-58070
 EX 33.2 7.0 126.5

SIZE

STD

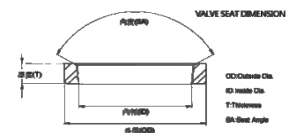


Valve Seat

OEM NO.
 IN
 OEM NO.
 EX

SIZE

STD

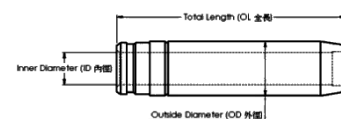


Valve Guide

OEM NO. 11122-58010
 IN 59.0 7.0 11.5
 OEM NO. 11126-58010
 EX 59.0 7.0 11.5

SIZE

STD



Gasket Set

OEM NO.



TOYOTA

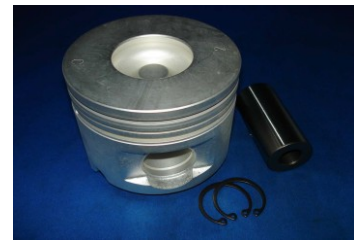
15BT

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 108.0 MM
Swept Volume 4104 ccm

Piston kit-Set

OEM NO. 13101-58080/13101-58090

| Piston | SIZE |
|--|------|
| Comp : 59.5 w/al-fin Height : -21.3 Length : 94.5 Top Shape : Ø49.0 Direct Injection Pin : 34.0 Length : 73.0 | STD |



Piston Ring

OEM NO. 13011-58090
 NPR : STD10-188ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 3.0K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO.

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 108.0 Out Diameter : 111.0 Total length : 190.0 Flange : | STD |



Engine Bearing

MAIN : 11701-56010
 CON.ROD : 13041-56040
 T/W : 11011-56010
 C/B : 11802-56031
 BUSH : 90999-73134

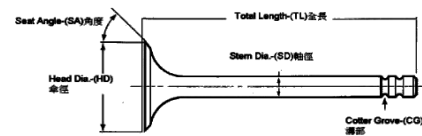
SIZE
 STD



Engine Valve

OEM NO. 13711-58030
 IN 37.5 7.0 126.5
 OEM NO. 13715-58070
 EX 33.2 7.0 126.5

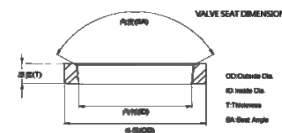
SIZE
 STD



Valve Seat

OEM NO.
 IN
 OEM NO.
 EX

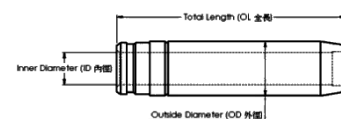
SIZE
 STD



Valve Guide

OEM NO. 11122-58010
 IN 59.0 7.0 11.5
 OEM NO. 11126-58010
 EX 59.0 7.0 11.5

SIZE
 STD



Gasket Set

OEM NO.



TOYOTA 15BT

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 108.0 MM
Swept Volume 4104 ccm

Piston kit-Set

OEM NO. 13101-58101

Piston

SIZE

Comp : 59.5 w/al-fin Height : -20.5 oil-cooled Length : 94.5
Top Shape : Ø49.0
Direct Injection
Pin : 34.0 Length : 73.0

STD



Piston Ring

OEM NO. 13011-58090

NPR : STD10-188ZZ

OEM Ring Groove

SIZE

Top : 3.0K
2nd : 2.0
Oil : 4.0

STD



Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

In Diameter : 108.0
Out Diameter : 111.0
Total length : 190.0
Flange :

STD



Engine Bearing

MAIN : 11701-56010
CON.ROD : 13041-56040
T/W : 11011-56010
C/B : 11802-56031
BUSH : 90999-73134

SIZE

STD

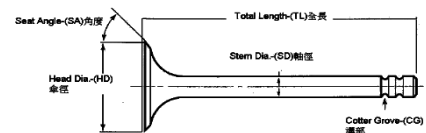


Engine Valve

OEM NO. 13711-58030
IN 37.5 7.0 126.5
OEM NO. 13715-58070
EX 33.2 7.0 126.5

SIZE

STD

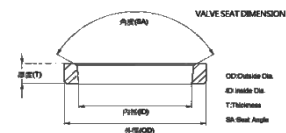


Valve Seat

OEM NO.
IN
OEM NO.
EX

SIZE

STD

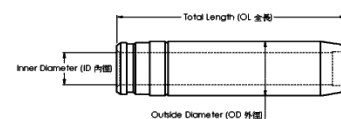


Valve Guide

OEM NO. 11122-58010
IN 59.0 7.0 11.5
OEM NO. 11126-58010
EX 59.0 7.0 11.5

SIZE

STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13010-64090

| Piston | SIZE |
|--|------|
| Comp : 47.2 Height : -1.1 Length : 77.0 Top Shape : Flower Pin : 27.0 Length : 58.0 | STD |



Piston Ring

OEM NO. 13011-64190
NPR : SDT10-155ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 3.0 | STD |



Cylinder Liner

OEM NO.

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |



Engine Bearing

MAIN : 11701-64030
CON.ROD : 13401-64031
T/W : 11011-64010
C/B :
BUSH : 90999-73101

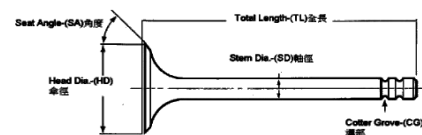
SIZE
STD



Engine Valve

OEM NO. 13711-64011
IN 38.5 8.0 105.0
OEM NO. 17315-64030
EX 32.5 8.0 105.0

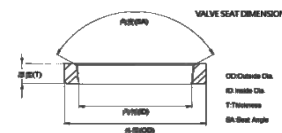
SIZE
STD



Valve Seat

OEM NO. 0223-0028
IN 40.0 32.0 5.7
OEM NO. 0223-0029
EX 34.0 26.0 6.0

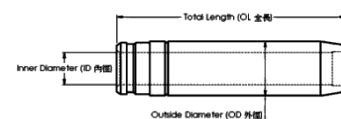
SIZE
STD



Valve Guide

OEM NO. 11122-64010
IN 46.0 8.0 13.0
OEM NO. 11126-64030
EX 56.0 8.0 13.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA

2CD/2CT

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 86.0 MM
Swept Volume 1974 ccm

Piston kit-Set

OEM NO. 13010-64141

| Piston | SIZE |
|--|------|
| Comp : 47.0 Height : -1.2 Length : 77.0 Top Shape : Flower Pin : 27.0 Length : 58.0 | STD |



Piston Ring

OEM NO. 13011-64190
 NPR : SDT10-155ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 3.0 | STD |



Cylinder Liner

OEM NO.

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |



Engine Bearing

MAIN : 11701-64030
 CON.ROD : 13401-64031
 T/W : 11011-64010
 C/B :
 BUSH : 90999-73101

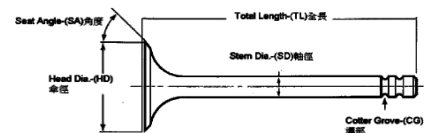
SIZE
 STD



Engine Valve

OEM NO. 13711-64011
 IN 38.5 8.0 104.0
 OEM NO. 17315-64030
 EX 32.5 8.0 105.0

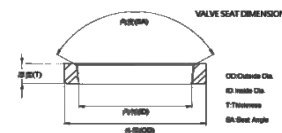
SIZE
 STD



Valve Seat

OEM NO. 0223-0028
 IN 40.0 32.0 5.7
 OEM NO. 0223-0029
 EX 34.0 26.0 6.0

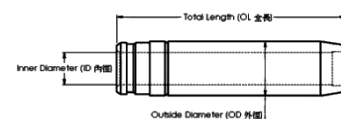
SIZE
 STD



Valve Guide

OEM NO. 11122-64010
 IN 46.0 8.0 13.0
 OEM NO. 11126-64030
 EX 56.0 8.0 13.0

SIZE
 STD



Gasket Set

OEM NO.

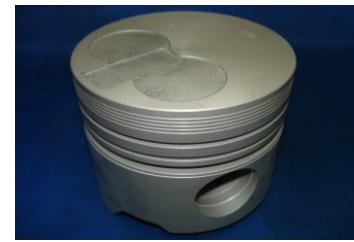


TOYOTA 2CD/2CT

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 86.0 MM
Swept Volume 1974 ccm

Piston kit-Set

OEM NO. 13010-64070



Piston

SIZE

Comp : 47.0 Height : -1.2 Length : 77.0
Top Shape : Flower
Pin : 27.0
Length : 61.0

STD

Piston Ring

OEM NO. 13011-64060
NPR : SDT10-096ZX



OEM Ring Groove

SIZE

Top : 2.0HK
2nd : 2.0
Oil : 4.0

STD

Cylinder Liner

OEM NO.



Liner&Sleeve

SIZE

In Diameter :
Out Diameter :
Total length :
Flange :

STD

Engine Bearing

MAIN : 11701-64030
CON.ROD : 13401-64031
T/W : 11011-64010
C/B :
BUSH : 90999-73101

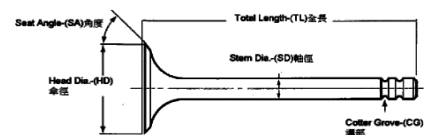


SIZE

STD

Engine Valve

OEM NO. 13711-64011
IN 38.5 8.0 105.0
OEM NO. 17315-64030
EX 32.5 8.0 105.0

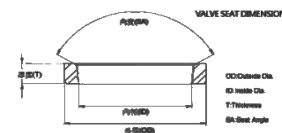


SIZE

STD

Valve Seat

OEM NO. 0223-0028
IN 40.0 32.0 5.7
OEM NO. 0223-0029
EX 34.0 26.0 6.0

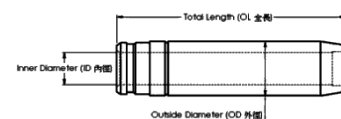


SIZE

STD

Valve Guide

OEM NO. 11122-64010
IN 46.0 8.0 13.0
OEM NO. 11126-64010
EX 50.0 8.0 13.0



SIZE

STD

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13010-64151

| Piston | SIZE |
|---|------|
| Comp : 42.5 Height : -1.9 oil-cooled Length : 72.5 Top Shape : Flower Pin : 27.0 Length : 61.0 | STD |



Piston Ring

OEM NO. 13011-64190
NPR : SDT10-155ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 3.0 | STD |



Cylinder Liner

OEM NO.

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |



Engine Bearing

MAIN : 11701-64071
CON.ROD : 13041-64072
T/W : 11011-64010
C/B :
BUSH : 90999-73158

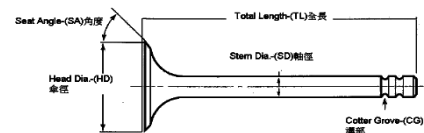
SIZE
STD



Engine Valve

OEM NO. 13711-64011
IN 38.5 8.0 105.0
OEM NO. 13715-64012
EX 32.5 8.0 105.0

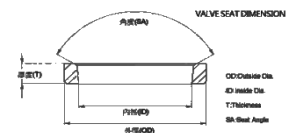
SIZE
STD



Valve Seat

OEM NO.
IN
OEM NO.
EX

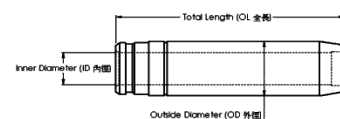
SIZE
STD



Valve Guide

OEM NO. 11122-64010
IN 46.0 8.0 13.0
OEM NO. 11126-64030
EX 50.0 8.0 13.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13010-64150



| Piston | SIZE |
|--|------|
| Comp : 42.5 w/al-fin Height : -2.1 oil-cooled Length : 72.5 Top Shape : Flower Pin : 27.0 Length : 61.0 | STD |

Piston Ring

OEM NO. 13011-64190
NPR : SDT10-155ZZ



| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 3.0 | STD |

Cylinder Liner

OEM NO.



| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |

Engine Bearing

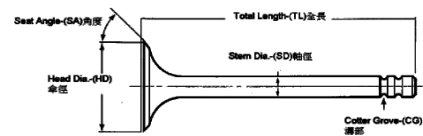
MAIN : 11701-64071
CON.ROD : 13041-64072
T/W : 11011-64010
C/B :
BUSH : 90999-73158



| | SIZE |
|--|------|
| | STD |

Engine Valve

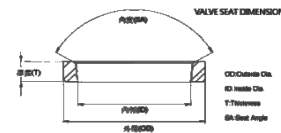
OEM NO. 13711-64011
IN 38.5 8.0 105.0
OEM NO. 13715-64012
EX 32.5 8.0 105.0



| | SIZE |
|--|------|
| | STD |

Valve Seat

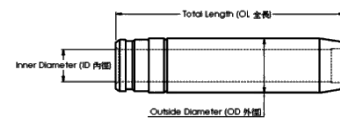
OEM NO.
IN
OEM NO.
EX



| | SIZE |
|--|------|
| | STD |

Valve Guide

OEM NO. 11122-64010
IN 46.0 8.0 13.0
OEM NO. 11126-64030
EX 50.0 8.0 13.0



| | SIZE |
|--|------|
| | STD |

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13211-76032

| Piston | SIZE |
|--|------|
| Comp : 73.0 Height : -11.3 Length : 133.0 Top Shape : Flower Pin : 34.0 Length : 83.5 | STD |

Piston Ring

OEM NO. 13011-76012

NPR :

| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.0 2nd : 3.0 3rd : 3.0 Oil : 4.0/4.0 | STD |



Cylinder Liner

OEM NO. 11461-76020

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 100.0 Sleeve : 92*96*179.5 Out Diameter : 113.0 Total length : 242.0 Flange : 117.0*10.0 | STD |



Engine Bearing

MAIN : 11702-77010
CON.ROD : 13021-77020
T/W : 11011-76010
C/B : 11802-77010
BUSH : 90999-70005

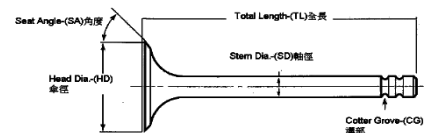
SIZE
STD



Engine Valve

OEM NO. 13711-76010
IN 47.0 10.0 161.5
OEM NO. 13715-76010
EX 43.0 10.0 161.5

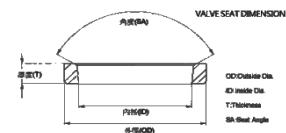
SIZE
STD



Valve Seat

OEM NO.
IN
OEM NO.
EX

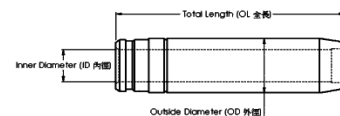
SIZE
STD



Valve Guide

OEM NO. 11122-76020
IN/EX 75.0 10.0 15.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13010-77021

| Piston | SIZE |
|---|------|
| Comp : 73.0 Height : -3.9 Length : 133.1 Top Shape : Flower Pin : 34.0 Length : 88.5 | STD |



Piston Ring

OEM NO. 13011-77040
NPR : SJT20-074ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 3.05K 2nd : 2.5 3rd : 2.5 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11461-77021

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 105.0 Out Diameter : 115.5 Total length : 233.0 Flange : 121.0*10.0+102 | STD |



Engine Bearing

MAIN : 11702-77010
CON.ROD : 13202-77020
T/W : 11011-76010
C/B : 11802-77010
BUSH : 90999-70005

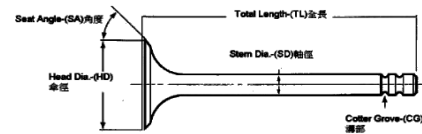
SIZE
STD



Engine Valve

OEM NO. 13711-77010
IN 47.0 10.0 158.5
OEM NO. 13715-77010
EX 43.0 10.0 158.5

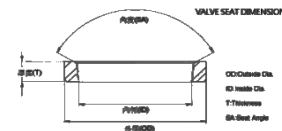
SIZE
STD



Valve Seat

OEM NO.
IN
OEM NO.
EX

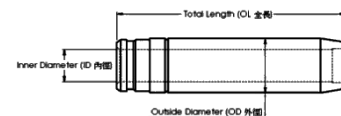
SIZE
STD



Valve Guide

OEM NO. 11122-76020
IN/EX 75.0 10.0 15.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-78201

| Piston | SIZE |
|--|-------------|
| Comp : 46.9 Height : -2.0 Length : 77.0 Top Shape : Flower Head Anodized Pin : 27.0 Length : 58.0 | STD 0.50 |



Piston Ring

OEM NO. 13011-78201

NPR :

| OEM Ring Groove | SIZE |
|--------------------------------------|-------------|
| Top : 2.0K 2nd : 2.0 Oil : 4.0 | STD 0.50 |



Cylinder Liner

OEM NO.

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |



Engine Bearing

MAIN : 11701-78200
CON.ROD : 13401-78200
T/W : 11011-78200(old) 11011-78201(new)
C/B : 13041-78200
BUSH : 90999-73950

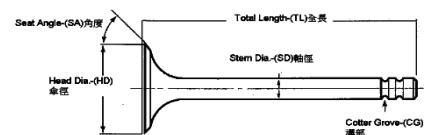
SIZE
STD



Engine Valve

OEM NO. 13711-78200/020-71
IN 38.5 8.0 108.7
OEM NO. 13715-78200/020-71
EX 32.5 8.0 108.2

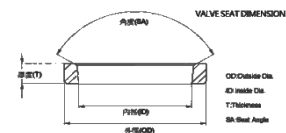
SIZE
STD



Valve Seat

OEM NO. 11131-76009
IN 40.0 34.0 6.0
OEM NO. 11135-78200
EX 34.0 27.8 6.0

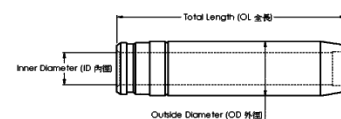
SIZE
STD



Valve Guide

OEM NO. 11122-78001
IN/EX 50.0 8.0 13.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA 1DZ-2

Application : FORKLIFT
Number of Cylinders 4
Cylinder dia. 86.0 MM
Swept Volume 2486 ccm

Piston kit-Set

OEM NO. 13101-78202

| Piston | SIZE |
|--|-------------|
| Comp : 46.5 Height : -3.1 Length : 76.4 Top Shape : Flower Head Anodized Pin : 27.0 Length : 68.0 | STD 0.50 |



Piston Ring

OEM NO. 13011-78201
NPR :

| OEM Ring Groove | SIZE |
|--------------------------------------|-------------|
| Top : 2.0K 2nd : 2.0 Oil : 3.0 | STD 0.50 |



Cylinder Liner

OEM NO.

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |



Engine Bearing

MAIN : 11701-78200-1
CON.ROD : 13401-78200
T/W : 11011-78201
C/B : 13041-78200
BUSH : 90999-73950

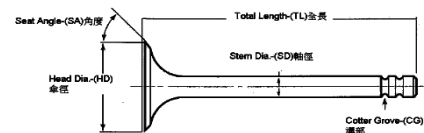
SIZE
STD



Engine Valve

OEM NO. 13711-78200/020-71
IN 38.5 8.0 108.7
OEM NO. 13715-78200/020-71
EX 32.5 8.0 108.2

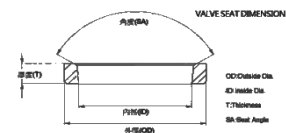
SIZE
STD



Valve Seat

OEM NO. 11131-76009
IN 40.0 34.0 6.0
OEM NO. 11135-78200
EX 34.0 27.8 6.0

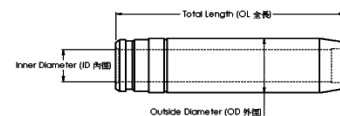
SIZE
STD



Valve Guide

OEM NO. 11122-78001
IN/EX 50.0 8.0 13.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA 1DZ-2

Application : FORKLIFT
Number of Cylinders 4
Cylinder dia. 86.0 MM
Swept Volume 2486 ccm

Piston kit-Set

OEM NO. 13101-78202

| Piston | SIZE |
|--|-------------|
| Comp : 46.5 Height : -3.1 Length : 76.4 Top Shape : Flower Head Anodized Pin : 27.0 Length : 68.0 | STD 0.50 |



Piston Ring

OEM NO. 13011-78201
NPR :

| OEM Ring Groove | SIZE |
|--------------------------------------|-------------|
| Top : 2.0K 2nd : 2.0 Oil : 3.0 | STD 0.50 |



Cylinder Liner

OEM NO.

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |



Engine Bearing

MAIN : 11701-78200-1
CON.ROD : 13401-78200
T/W : 11011-78201
C/B : 13041-78200
BUSH : 90999-73950

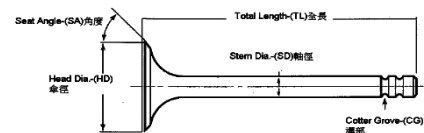
SIZE
STD



Engine Valve

OEM NO. 13711-78200/020-71
IN 38.5 8.0 108.7
OEM NO. 13715-78200/020-71
EX 32.5 8.0 108.2

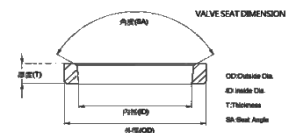
SIZE
STD



Valve Seat

OEM NO. 11131-76009
IN 40.0 34.0 6.0
OEM NO. 11135-78200
EX 34.0 27.8 6.0

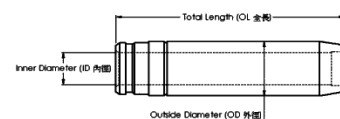
SIZE
STD



Valve Guide

OEM NO. 11122-78001
IN/EX 50.0 8.0 13.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13081-96601

| Piston | SIZE |
|---|------|
| Comp : 50.3 Height : -3.0 Length : 100.2 Top Shape : Flower Pin : 27.0 Length : 74.0 | STD |



Piston Ring

OEM NO. 13011-68020
NPR : SDT10-075ZZ

| OEM Ring Groove | SIZE |
|---------------------------------------|------|
| Top : 2.54K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-96601

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 91.0 Out Diameter : 94.0 Total length : 184.0 Flange : 101.0*2.5+1.2 | STD |



Engine Bearing

MAIN : 11702-47011
CON.ROD : 13041-68020
T/W : 11011-46020
C/B : 11802-46010
BUSH : 90999-70048

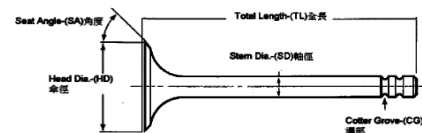
SIZE
STD



Engine Valve

OEM NO. 13711-68010
IN 42.0 9.0 120.8
OEM NO. 13715-68010
EX 35.0 9.0 120.8

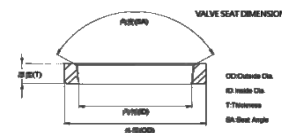
SIZE
STD



Valve Seat

OEM NO. 11131-68010
IN 44.0 37.5 6.0
OEM NO. 11135-68010
EX 36.5 30.5 6.0

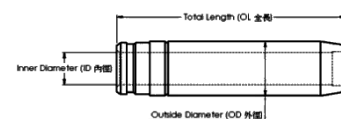
SIZE
STD



Valve Guide

OEM NO. 11122-46010
IN 57.0 9.0 14.0
OEM NO. 11126-46010
EX 60.0 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-68011/13011-68011

| Piston | SIZE |
|---|------|
| Comp : 52.2 Height : -2.7 Length : 102.2 Top Shape : Flower Pin : 29.0 Length : 74.0 | STD |



Piston Ring

OEM NO. 13011-68020
NPR : SDT10-075ZZ

| OEM Ring Groove | SIZE |
|---------------------------------------|------|
| Top : 2.54K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-68010

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 91.0 Out Diameter : 95.0 Total length : 184.0 Flange : 101.0*2.5+1.2 | STD |



Engine Bearing

MAIN : 11702-47011
CON.ROD : 13041-68020
T/W : 11011-46020
C/B : 11802-46010
BUSH : 90999-70048

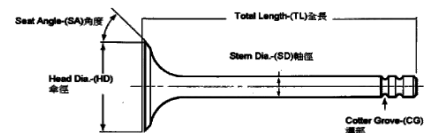
SIZE
STD



Engine Valve

OEM NO. 13711-68010
IN 42.0 9.0 120.8
OEM NO. 13715-68010
EX 35.0 9.0 120.8

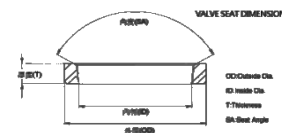
SIZE
STD



Valve Seat

OEM NO. 11131-68010
IN 44.0 37.5 6.0
OEM NO. 11135-68010
EX 36.5 30.5 6.0

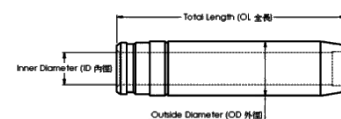
SIZE
STD



Valve Guide

OEM NO. 11122-46010
IN 57.0 9.0 14.0
OEM NO. 11126-46010
EX 60.0 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA 1HD-T

Application :
Number of Cylinders 6
Cylinder dia. 94.0 MM
Swept Volume 4164 ccm

Piston kit-Set

OEM NO. 13101-17020

| Piston | SIZE |
|--|------|
| Comp : 49.8 w/al-fin Height : -17.0 Length : 80.7 Top Shape : Ø39.0 Direct Injection Pin : 33.0 Length : 73.0 | STD |



Piston Ring

OEM NO. 13011-17010
NPR : SDT10-163ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-17010

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 94.0 Sleeve : 94.0*98.0*168.0L Out Diameter : 98.0 Total length : 168.0 Flange : 103.0*2.5 | STD |



Engine Bearing

MAIN : 13711-17010
CON.ROD : 13041-17010
T/W : 11011-17010
C/B :
BUSH : 90999-73127

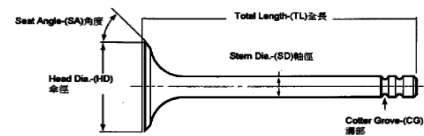
SIZE
STD



Engine Valve

OEM NO. 13711-17010
IN 42.5 8.0 103.5
OEM NO. 13715-17010
EX 36.0 8.0 103.5

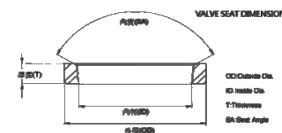
SIZE
STD



Valve Seat

OEM NO. 11131-17010
IN 42.6 36.0 6.0
OEM NO. 11135-17010
EX 36.0 30.0 6.0

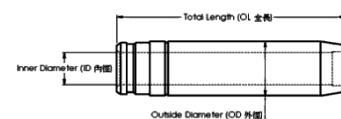
SIZE
STD



Valve Guide

OEM NO. 11122-54020
IN/EX 40.0 8.0 13.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA

1HD-T

Application :
Number of Cylinders 6
Cylinder dia. 94.0 MM
Swept Volume 4164 ccm

Piston kit-Set

OEM NO. 13101-17040



Piston

SIZE

Comp : 49.7 w/al-fin Height : -16.2 Length : 80.7
 Top Shape : Ø42.4
 Direct Injection
 Pin : 33.0 Length : 73.0

STD

Piston Ring

OEM NO. 13011-17010
 NPR : SDT10-163ZZ

OEM Ring Groove

SIZE

Top : 2.0K
 2nd : 2.0
 Oil : 4.0

STD



Cylinder Liner

OEM NO. 11461-17010

Liner&Sleeve

SIZE

In Diameter : 94.0 Sleeve : 94.0*98.0*168.0L
 Out Diameter : 98.0
 Total length : 168.0
 Flange : 103.0*2.5

STD



Engine Bearing

MAIN : 13711-17010
 CON.ROD : 13041-17010
 T/W : 11011-17010
 C/B :
 BUSH : 90999-73127

SIZE

STD

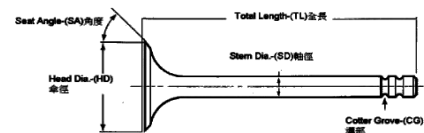


Engine Valve

OEM NO. 13711-17010
 IN 42.5 8.0 103.5
 OEM NO. 13715-17010
 EX 36.0 8.0 103.5

SIZE

STD

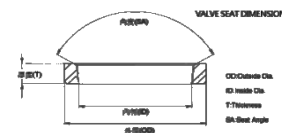


Valve Seat

OEM NO. 11131-17010
 IN 42.6 36.0 6.0
 OEM NO. 11135-17010
 EX 36.0 30.0 6.0

SIZE

STD

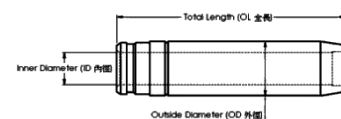


Valve Guide

OEM NO. 11122-54020
 IN/EX 40.0 8.0 13.0

SIZE

STD



Gasket Set

OEM NO.



TOYOTA 1HD-T

Application :
Number of Cylinders 6
Cylinder dia. 94.0 MM
Swept Volume 4164 ccm

Piston kit-Set

OEM NO. 13101-17060



Piston

SIZE

Comp : 49.7 w/al-fin Height : -17.3 Length : 80.7
 Top Shape : Ø39.0
 Direct Injection
 Pin : 33.0 Length : 73.0

STD

Piston Ring

OEM NO. 13011-17010

NPR : SDT10-163ZZ

OEM Ring Groove

SIZE

Top : 2.0K
 2nd : 2.0
 Oil : 4.0

STD



Cylinder Liner

OEM NO. 11461-17010

Liner&Sleeve

SIZE

In Diameter : 94.0 Sleeve : 94.0*98.0*168.0L
 Out Diameter : 98.0
 Total length : 168.0
 Flange : 103.0*2.5

STD



Engine Bearing

MAIN : 13711-17010

CON.ROD : 13041-17010

T/W : 11011-17010

C/B :

BUSH : 90999-73127

SIZE

STD



Engine Valve

OEM NO. 13711-17010

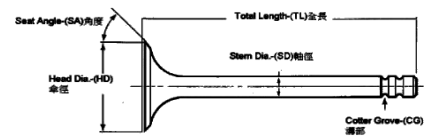
IN 42.5 8.0 103.5

OEM NO. 13715-17010

EX 36.0 8.0 103.5

SIZE

STD



Valve Seat

OEM NO. 11131-17010

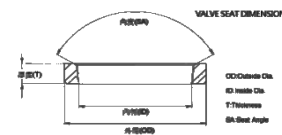
IN 42.6 36.0 6.0

OEM NO. 11135-17010

EX 36.0 30.0 6.0

SIZE

STD



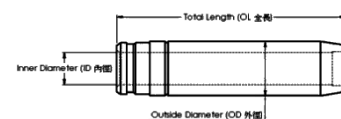
Valve Guide

OEM NO. 11122-54020

IN/EX 40.0 8.0 13.0

SIZE

STD



Gasket Set

OEM NO.



TOYOTA 1HD-T

Application :
Number of Cylinders 6
Cylinder dia. 94.0 MM
Swept Volume 4164 ccm

Piston kit-Set

OEM NO. 13101-17080

| Piston | SIZE |
|--|------|
| Comp : 49.4 w/al-fin Height : Length : 80.4 Top Shape : Ø Direct Injection Pin : 33.0 Length : 73.0 | STD |

Piston Ring

OEM NO. 13011-17010
NPR : SDT10-163ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-17010

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 94.0 Sleeve : 94.0*98.0*168.0L Out Diameter : 98.0 Total length : 168.0 Flange : 103.0*2.5 | STD |



Engine Bearing

MAIN : 13711-17010
CON.ROD : 13041-17010
T/W : 11011-17010
C/B :
BUSH : 90999-73127

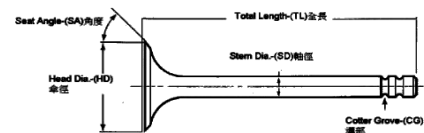
SIZE
STD



Engine Valve

OEM NO. 13711-17010
IN 42.5 8.0 103.5
OEM NO. 13715-17010
EX 36.0 8.0 103.5

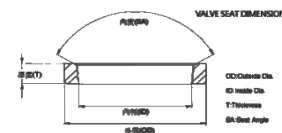
SIZE
STD



Valve Seat

OEM NO. 11131-17010
IN 42.6 36.0 6.0
OEM NO. 11135-17010
EX 36.0 30.0 6.0

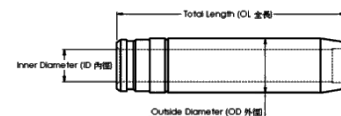
SIZE
STD



Valve Guide

OEM NO. 11122-54020
IN/EX 40.0 8.0 13.0

SIZE
STD



Gasket Set

OEM NO.

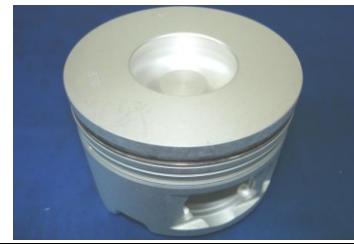


TOYOTA 1HDF-TE

Application :
Number of Cylinders 6
Cylinder dia. 94.0 MM
Swept Volume 4164 ccm

Piston kit-Set

OEM NO. 13101-17110



Piston

SIZE

Comp : 49.4 w/al-fin Height : -18.6 oil-cooled Length : 80.4
 Top Shape : Ø45.8
 Direct Injection
 Pin : 33.0 Length : 73.0

STD

Piston Ring

OEM NO. 13011-17010

NPR : SDT10-163ZZ



OEM Ring Groove

SIZE

Top : 2.0HK
 2nd : 2.0
 Oil : 4.0

STD

Cylinder Liner

OEM NO. 11461-17010



Liner&Sleeve

SIZE

In Diameter : 94.0 Sleeve : 94.0*98.0*168.0L
 Out Diameter : 98.0
 Total length : 168.0
 Flange : 103.0*2.5

STD

Engine Bearing

MAIN : 11701-17010

CON.ROD : 13041-17010

T/W : 11011-17010

C/B :

BUSH : 90999-73127



SIZE

STD

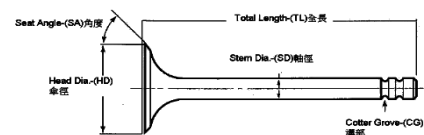
Engine Valve

OEM NO. 13711-17020

IN 33.0 7.0 127.3

OEM NO. 13715-17020

EX 30.5 7.0 127.3



SIZE

STD

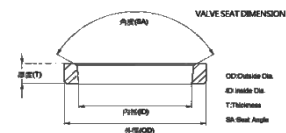
Valve Seat

OEM NO.

IN

OEM NO.

EX



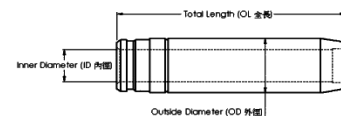
SIZE

STD

Valve Guide

OEM NO. 11122-17010

IN/EX 52.5 7.0 12.5



SIZE

STD

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-17010

Piston

SIZE

Comp : 43.8 w/al-fin Height : -1.7 Length : 80.5
Top Shape : Flower
Pin : 29.0
Length : 65.0

STD



Piston Ring

OEM NO. 13011-17010

NPR : SDT10-163ZZ

OEM Ring Groove

SIZE

Top : 2.0K
2nd : 2.0
Oil : 4.0

STD



Cylinder Liner

OEM NO. 11461-17010

Liner&Sleeve

SIZE

In Diameter : 94.0 Sleeve : 94.0*98.0*168.0L
Out Diameter : 98.0
Total length : 168.0
Flange : 103.0*2.5

STD



Engine Bearing

MAIN : 11701-17010

CON.ROD : 13041-17010

T/W : 11011-17010

C/B :

BUSH : 90999-73126

SIZE

STD



Engine Valve

OEM NO. 13711-17010

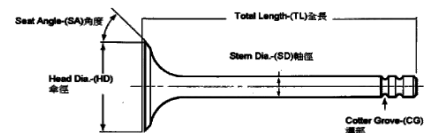
IN 42.5 8.0 103.5

OEM NO. 13715-17010

EX 36.0 8.0 103.5

SIZE

STD



Valve Seat

OEM NO. 11131-17010

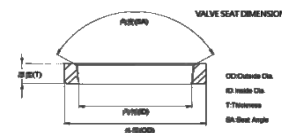
IN 42.6 36.0 6.0

OEM NO. 11135-17010

EX 36.0 30.0 6.0

SIZE

STD



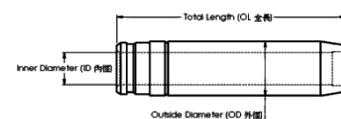
Valve Guide

OEM NO. 11122-54020

IN/EX 40.0 8.0 13.0

SIZE

STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13081-48012/13081-22060

| Piston | SIZE |
|---|------|
| Comp : 52.2 Height : -2.5 Length : 102.3 Top Shape : Flower Pin : 27.0 Length : 74.0 | STD |



Piston Ring

OEM NO. 13011-48021
NPR : SDT10-045ZZ

| OEM Ring Groove | SIZE |
|--|------|
| Top : 2.54K 2nd : 2.5 3rd : 2.5 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-48010

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 88.0 Out Diameter : 93.0 Total length : 183.0 Flange : 98.0*2.5+1.0 | STD |



Engine Bearing

MAIN : 11702-48010
CON.ROD : 13202-46010
T/W : 11011-46020
C/B : 11802-46010
BUSH : 90999-70048

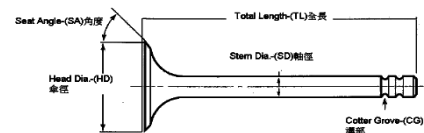
SIZE
STD



Engine Valve

OEM NO. 13711-48010
IN 40.5 9.0 120.7
OEM NO. 13715-48010
EX 33.5 9.0 120.7

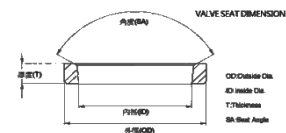
SIZE
STD



Valve Seat

OEM NO. 11131-44030
IN 42.5 35.0 6.5
OEM NO. 11135-44030
EX 35.0 28.0 6.5

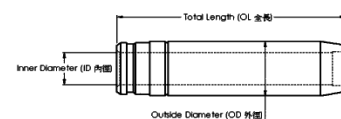
SIZE
STD



Valve Guide

OEM NO. 11122-46010
IN 57.0 9.0 14.0
OEM NO. 11126-46010
EX 60.0 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13081-48014

| Piston | SIZE |
|---|------|
| Comp : 52.2 Height : -2.5 Length : 102.2 Top Shape : Flower Pin : 27.0 Length : 74.0 | STD |



Piston Ring

OEM NO. 13011-48022
NPR : S10-050ZZ

| OEM Ring Groove | SIZE |
|---------------------------------------|------|
| Top : 2.54K 2nd : 2.5 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-48010

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 88.0 Out Diameter : 93.0 Total length : 183.0 Flange : 98.0*2.5+1.0 | STD |



Engine Bearing

MAIN : 11702-48010
CON.ROD : 13202-46010
T/W : 11011-46020
C/B : 11802-46010
BUSH : 90999-70048

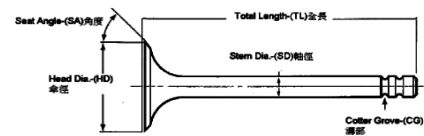
SIZE
STD



Engine Valve

OEM NO. 13711-48010
IN 40.5 9.0 120.7
OEM NO. 13715-48010
EX 33.5 9.0 120.7

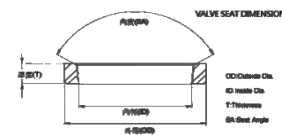
SIZE
STD



Valve Seat

OEM NO. 11131-44030
IN 42.5 35.0 6.5
OEM NO. 11135-44030
EX 35.0 28.0 6.5

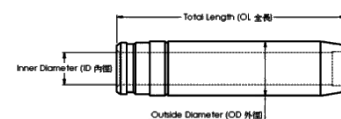
SIZE
STD



Valve Guide

OEM NO. 11122-46010
IN 57.0 9.0 14.0
OEM NO. 11126-46010
EX 60.0 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-0L030

| Piston | SIZE |
|--|------|
| Comp : 49.7 w/al-fin Height : oil-cooled Length : 78.5 MOS2 Top Shape : Ø51.6 Direct Injection Pin : 34.0 Length : 73.0 | STD |

Piston Ring

OEM NO. 13011-30020
NPR : SDT10-175ZY

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 1.5 Oil : 3.0 | STD |



Cylinder Liner

OEM NO.

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |



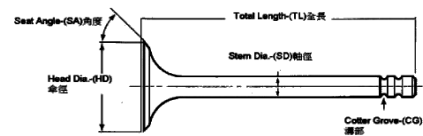
Engine Bearing

| MAIN : CON.ROD : T/W : C/B : BUSH : | SIZE |
|---|------|
| | STD |



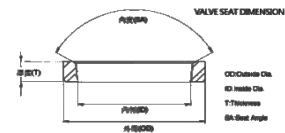
Engine Valve

| OEM NO. 13711-30030 IN 32.2 6.0 105.5 OEM NO. 13715-30030 EX 27.8 6.0 105.3 | SIZE |
|--|------|
| | STD |



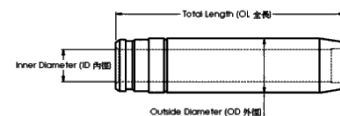
Valve Seat

| OEM NO. IN OEM NO. EX | SIZE |
|--------------------------------|------|
| | STD |



Valve Guide

| OEM NO. 11122-30020 IN/EX 40.5 6.0 11.0 | SIZE |
|--|------|
| | STD |



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-30040/13101-30060/13101-0L030



| Piston | SIZE |
|--|------|
| Comp : 49.7 w/al-fin Height : -16.2 oil-cooled Length : 74.7 MOS2 Top Shape : Ø51.5 Direct Injection Pin : 34.0 Length : 73.0 | STD |

Piston Ring

OEM NO. 13011-30020
NPR : SDT10-175ZY



| OEM Ring Groove | SIZE |
|---------------------------------------|------|
| Top : 2.0HK 2nd : 1.5 Oil : 3.0 | STD |

Cylinder Liner

OEM NO.



| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |

Engine Bearing

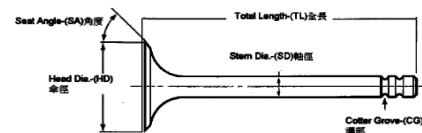
MAIN :
CON.ROD :
T/W :
C/B :
BUSH :



| | SIZE |
|--|------|
| | STD |

Engine Valve

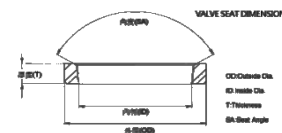
OEM NO. 13711-30030
IN 32.2 6.0 105.5
OEM NO. 13715-30030
EX 27.8 6.0 105.3



| | SIZE |
|--|------|
| | STD |

Valve Seat

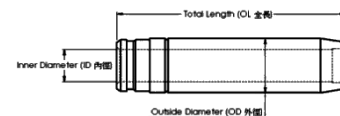
OEM NO.
IN
OEM NO.
EX



| | SIZE |
|--|------|
| | STD |

Valve Guide

OEM NO. 11122-30020
IN/EX 40.5 6.0 11.0



| | SIZE |
|--|------|
| | STD |

Gasket Set

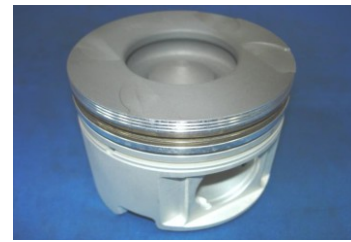
OEM NO.



Piston kit-Set

OEM NO. 13101-30020

| Piston | SIZE |
|---|------|
| Comp : 49.6 w/al-fin Height : -17.6 oil-cooled Length : 77.6 Top Shape : Ø48.0 Direct Injection/Head Anodized Pin : 34.0 Length : 73.0 | STD |



Piston Ring

OEM NO. 13011-30020
NPR : SDT10-175ZY

| OEM Ring Groove | SIZE |
|---------------------------------------|------|
| Top : 2.0HK 2nd : 1.5 Oil : 3.0 | STD |



Cylinder Liner

OEM NO.

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |



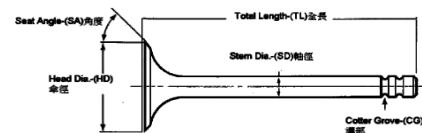
Engine Bearing

| MAIN : CON.ROD : T/W : C/B : BUSH : | SIZE |
|---|------|
| | STD |



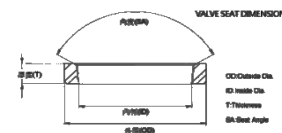
Engine Valve

| OEM NO. 13711-30030 IN 32.2 6.0 105.5 OEM NO. 13715-30030 EX 27.8 6.0 105.3 | SIZE |
|--|------|
| | STD |



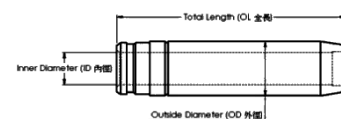
Valve Seat

| OEM NO. IN OEM NO. EX | SIZE |
|--------------------------------|------|
| | STD |



Valve Guide

| OEM NO. 11122-30020 IN/EX 40.5 6.0 11.0 | SIZE |
|--|------|
| | STD |



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-30150

Piston

SIZE

 Comp : 49.7 w/al-fin Height : -16.5 oil-cooled
 Length : 78.6 MOS2
 Top Shape : Ø51.9 Direct Injection
 Pin : 34.0 Length : 73.0

STD



Piston Ring

OEM NO. 13011-30020

NPR : SDT10-175ZY

OEM Ring Groove

SIZE

 Top : 2.0HK
 2nd : 1.5
 Oil : 3.0

STD



Cylinder Liner

OEM NO.

Liner&Sleeve

SIZE

 In Diameter :
 Out Diameter :
 Total length :
 Flange :

STD



Engine Bearing

 MAIN :
 CON.ROD :
 T/W :
 C/B :
 BUSH :

SIZE

STD



Engine Valve

OEM NO. 13711-30030

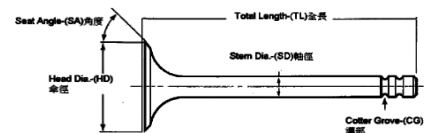
IN 32.2 6.0 105.5

OEM NO. 13715-30030

EX 27.8 6.0 105.3

SIZE

STD

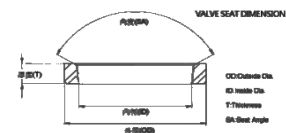


Valve Seat

 OEM NO.
 IN
 OEM NO.
 EX

SIZE

STD



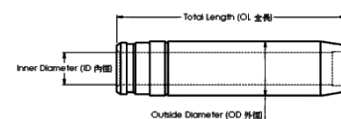
Valve Guide

OEM NO. 11122-30020

IN/EX 40.5 6.0 11.0

SIZE

STD



Gasket Set

OEM NO.



TOYOTA

2KD

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 92.0 MM
Swept Volume 2494 ccm

Piston kit-Set

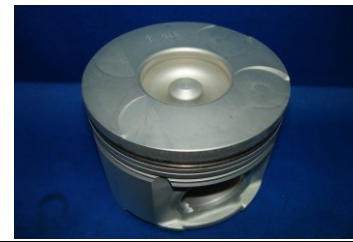
OEM NO. 13101-30030

Piston

SIZE

Comp : 54.2 w/al-fin Height : -19.5 oil-cooled Length : 82.2
 Top Shape : Ø39.5
 Direct Injection
 Pin : 34.0 Length : 65.0

STD



Piston Ring

OEM NO. 13011-30031

NPR : SDT10-180ZZ

OEM Ring Groove

SIZE

Top : 2.0
 2nd : 1.5
 Oil : 3.0

STD



Cylinder Liner

OEM NO. 11461-48010

Liner&Sleeve

SIZE

In Diameter :
 Out Diameter :
 Total length :
 Flange :

STD



Engine Bearing

MAIN :
 CON.ROD :
 T/W :
 C/B :
 BUSH :

SIZE

STD

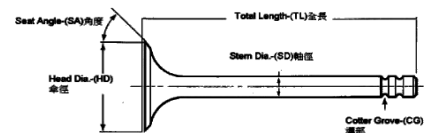


Engine Valve

OEM NO. 13711-0L010
 IN 30.5 6.0 105.8
 OEM NO. 13715-0L010
 EX 26.5 6.0 105.8

SIZE

STD

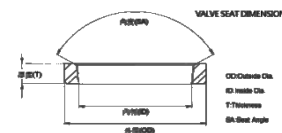


Valve Seat

OEM NO.
 IN
 OEM NO.
 EX

SIZE

STD

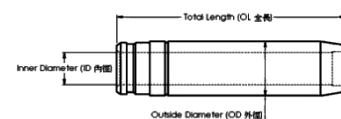


Valve Guide

OEM NO. 11122-30020
 IN/EX 40.6 6.0 11.0

SIZE

STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-67030

| Piston | SIZE |
|--|------|
| Comp : 46.0 w/al-fin Height : -2.4 oil-cooled Length : 80.0 Top Shape : Flower Head Anodized Pin : 34.0 Length : 73.0 | STD |



Piston Ring

OEM NO. 13011-67030
NPR : SDT10-175ZY

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 3.0 | STD |



Cylinder Liner

OEM NO.

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |



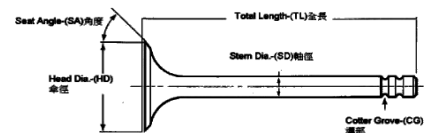
Engine Bearing

| MAIN : CON.ROD : T/W : C/B : BUSH : | SIZE |
|---|------|
| | STD |



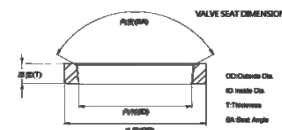
Engine Valve

| OEM NO. 13711-54040 IN 42.5 8.0 104.5 OEM NO. 13715-67040 EX 37.0 8.0 104.5 | SIZE |
|--|------|
| | STD |



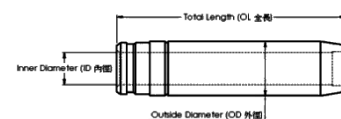
Valve Seat

| OEM NO. IN OEM NO. EX | SIZE |
|--------------------------------|------|
| | STD |



Valve Guide

| OEM NO. 11122-67020 IN/EX 42.0 8.0 13.0 | SIZE |
|--|------|
| | STD |



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-54010

| Piston | SIZE |
|---|------|
| Comp : 52.0 Height : Length : 99.0 Top Shape : Flower Pin : 27.0 Length : 74.0 | STD |

Piston Ring

 OEM NO. 13011-54010
 NPR : SDT10-066ZZ

| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 2.5 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-54010

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 90.0 Out Diameter : 94.0 Total length : 160.5 Flange : 101.0*3.5+1.2 | STD |



Engine Bearing

 MAIN : 11702-54010
 CON.ROD : 13202-54010
 T/W : 11011-54010
 C/B : 11802-54010
 BUSH : 90999-73083

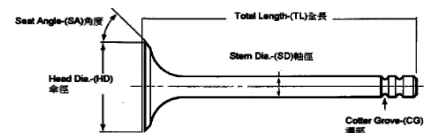
| SIZE |
|------|
| STD |



Engine Valve

 OEM NO. 13711-54010
 IN 42.6 8.5 123.0
 OEM NO. 13715-54010
 EX 35.0 8.5 123.0

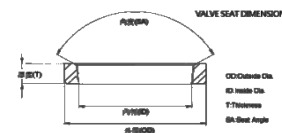
| SIZE |
|------|
| STD |



Valve Seat

 OEM NO. EVSTO-08-I
 IN 44.6 36.0 6.5
 OEM NO. EVSTO-08-E
 EX 36.6 30.0 6.5

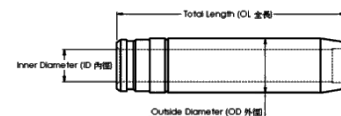
| SIZE |
|------|
| STD |



Valve Guide

 OEM NO. 11122-54011
 IN/EX 61.0 8.5 14.0

| SIZE |
|------|
| STD |



Gasket Set

OEM NO.



TOYOTA 2L

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 92.0 MM
Swept Volume 2446 ccm

Piston kit-Set

OEM NO. 13101-54060

| Piston | SIZE |
|---|------|
| Comp : 49.3 w/al-fin Height : -1.5 Length : 86.2 Top Shape : Flower Pin : 27.0 Length : 74.0 | STD |



Piston Ring

OEM NO. 13011-54050
NPR : SDT10-089ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-54060

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 92.0 Sleeve : 92.0*96.0*179.5 Out Diameter : 96.0 Total length : 160.5 Flange : 101.0*3.5+1.2 | STD |



Engine Bearing

MAIN : 11702-54010
CON.ROD : 13041-54012
T/W : 11011-54010
C/B : 11802-54010
BUSH : 90999-73083

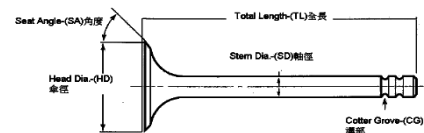
SIZE
STD



Engine Valve

OEM NO. 13711-54010
IN 42.6 8.5 123.0
OEM NO. 13715-54010
EX 35.0 8.5 123.0

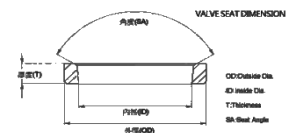
SIZE
STD



Valve Seat

OEM NO. EVSTO-08-I
IN 44.6 36.0 6.5
OEM NO. EVSTO-08-E
EX 36.6 30.0 6.5

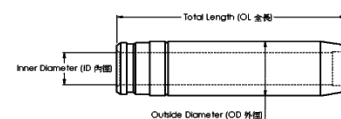
SIZE
STD



Valve Guide

OEM NO. 11122-54011
IN/EX 61.0 8.5 14.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA

2L

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 92.0 MM
Swept Volume 2446 ccm

Piston kit-Set

OEM NO. 13101-54070

| Piston | SIZE |
|---|------|
| Comp : 44.3 w/al-fin Height:-1.8 Length : 86.2 Top Shape : Flower Pin : 27.0 Length : 74.0 | STD |



Piston Ring

OEM NO. 13011-54050
 NPR : SDT10-089ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-54060

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 92.0 Sleeve : 92.0*96.0*179.5 Out Diameter : 96.0 Total length : 160.5 Flange : 101.0*3.5+1.2 | STD |



Engine Bearing

MAIN : 11702-54010
 CON.ROD : 13041-54012
 T/W : 11011-54010
 C/B : 11802-54010
 BUSH : 90999-73083

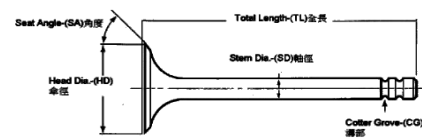
SIZE
 STD



Engine Valve

OEM NO. 13711-54010
 IN 42.6 8.5 123.0
 OEM NO. 13715-54010
 EX 35.0 8.5 123.0

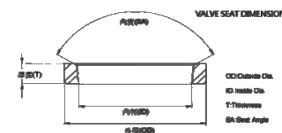
SIZE
 STD



Valve Seat

OEM NO. EVSTO-08-I
 IN 44.6 36.0 6.5
 OEM NO. EVSTO-08-E
 EX 36.6 30.0 6.5

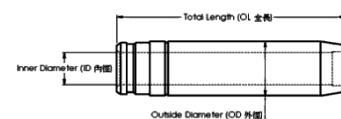
SIZE
 STD



Valve Guide

OEM NO. 11122-54011
 IN/EX 61.0 8.5 14.0

SIZE
 STD



Gasket Set

OEM NO.



TOYOTA 2L

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 92.0 MM
Swept Volume 2446 ccm

Piston kit-Set

OEM NO. 13101-54080

| Piston | SIZE |
|---|------|
| Comp : 49.2 Height : Length : 86.2 Top Shape : Flower Pin : 27.0 Length : 74.0 | STD |

Piston Ring

OEM NO. 13011-54050
NPR : SDT10-089ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-54060

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 92.0 Sleeve : 92.0*96.0*179.5 Out Diameter : 96.0 Total length : 160.5 Flange : 101.0*3.5+1.2 | STD |



Engine Bearing

MAIN : 11702-54010
CON.ROD : 13041-54012
T/W : 11011-54010
C/B : 11802-54010
BUSH : 90999-73083

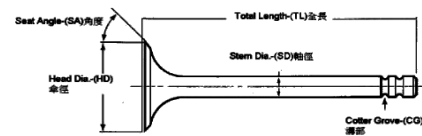
SIZE
STD



Engine Valve

OEM NO. 13711-54010
IN 42.6 8.5 123.0
OEM NO. 13715-54010
EX 35.0 8.5 123.0

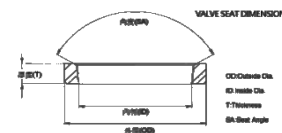
SIZE
STD



Valve Seat

OEM NO. EVSTO-08-I
IN 44.6 36.0 6.5
OEM NO. EVSTO-08-E
EX 36.6 30.0 6.5

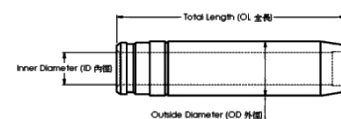
SIZE
STD



Valve Guide

OEM NO. 11122-54011
IN/EX 61.0 8.5 14.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA 2LTA

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 92.0 MM
Swept Volume 2446 ccm

Piston kit-Set

OEM NO. 13101-54090

| Piston | SIZE |
|---|------|
| Comp : 44.3 w/al-fin Height : -2.1 Length : 80.4 Top Shape : Flower Pin : 29.0 Length : 74.0 | STD |



Piston Ring

OEM NO. 13011-54050
NPR : SDT10-089ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-54060

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 92.0 Sleeve : 92.0*96.0*179.5 Out Diameter : 96.0 Total length : 160.5 Flange : 101.0*3.5+1.2 | STD |



Engine Bearing

MAIN : 11702-54010
CON.ROD : 13041-54012
T/W : 11011-54010
C/B : 11802-54010
BUSH : 90999-73083

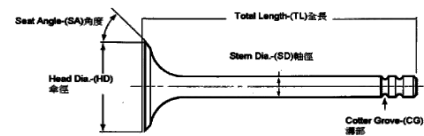
SIZE
STD



Engine Valve

OEM NO. 13711-54010
IN 42.6 8.5 123.0
OEM NO. 13715-54010
EX 35.0 8.5 123.0

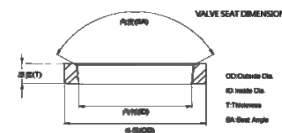
SIZE
STD



Valve Seat

OEM NO. EVSTO-08-I
IN 44.6 36.0 6.5
OEM NO. EVSTO-08-E
EX 36.6 30.0 6.5

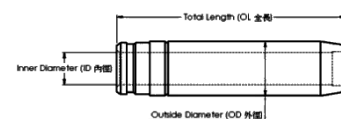
SIZE
STD



Valve Guide

OEM NO. 11122-54011
IN/EX 61.0 8.5 14.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA 2LTA

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 92.0 MM
Swept Volume 2446 ccm

Piston kit-Set

OEM NO. 13101-54140

| Piston | SIZE |
|---|------|
| Comp : 44.3 w/al-fin Height : -2.1 Length : 80.3 Top Shape : Flower Pin : 29.0 Length : 74.0 | STD |



Piston Ring

OEM NO. 13011-54050
NPR : SDT10-089ZZ

| OEM Ring Groove | SIZE |
|---------------------------------------|------|
| Top : 2.0HK 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-54060

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 92.0 Sleeve : 92.0*96.0*179.5 Out Diameter : 96.0 Total length : 160.5 Flange : 101.0*3.5+1.2 | STD |



Engine Bearing

MAIN : 11702-54010
CON.ROD : 13041-54012
T/W : 11011-54010
C/B : 11802-54010
BUSH : 90999-73083

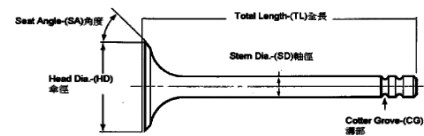
SIZE
STD



Engine Valve

OEM NO. 13711-54010
IN 42.6 8.5 123.0
OEM NO. 13715-54010
EX 35.0 8.5 123.0

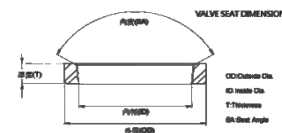
SIZE
STD



Valve Seat

OEM NO. EVSTO-08-I
IN 44.6 36.0 6.5
OEM NO. EVSTO-08-E
EX 36.6 30.0 6.5

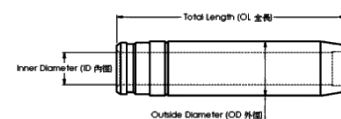
SIZE
STD



Valve Guide

OEM NO. 11122-54011
IN/EX 61.0 8.5 14.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA 2LT NEW

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 92.0 MM
Swept Volume 2446 ccm

Piston kit-Set

OEM NO. 13101-54130

| Piston | SIZE |
|---|------|
| Comp : 44.5 w/al-fin Height : -2.9 Length : 80.4 Top Shape : Flower Pin : 27.0 Length : 70.0 | STD |



Piston Ring

OEM NO. 13011-54050
NPR : SDT10-089ZZ

| OEM Ring Groove | SIZE |
|---------------------------------------|------|
| Top : 2.0HK 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-54060

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 92.0 Sleeve : 92.0*96.0*179.5 Out Diameter : 96.0 Total length : 160.5 Flange : 101.0*3.5+1.2 | STD |



Engine Bearing

MAIN : 11702-54010
CON.ROD : 13041-54012
T/W : 11011-54010
C/B : 11802-54010
BUSH : 90999-73083

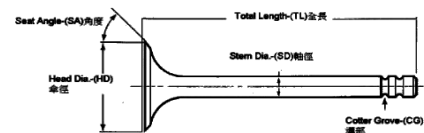
SIZE
STD



Engine Valve

OEM NO. 13711-54010
IN 42.6 8.5 123.0
OEM NO. 13715-54010
EX 35.0 8.5 123.0

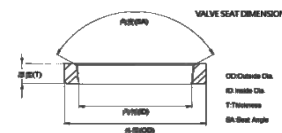
SIZE
STD



Valve Seat

OEM NO. EVSTO-08-I
IN 44.6 36.0 6.5
OEM NO. EVSTO-08-E
EX 36.6 30.0 6.5

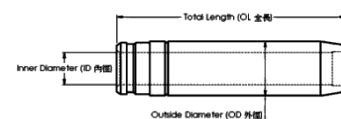
SIZE
STD



Valve Guide

OEM NO. 11122-54011
IN/EX 61.0 8.5 14.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA 3L

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 96.0 MM
Swept Volume 2779 ccm

Piston kit-Set

OEM NO. 13010-54100

| Piston | SIZE |
|---|------|
| Comp : 42.2 w/al-fin Height : -2.0 Length : 80.0 Top Shape : Flower Pin : 29.0 Length : 74.0 | STD |



Piston Ring

OEM NO. 13011-54120
NPR : SDT10-124ZY

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-54100

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 96.0 Sleeve : 92.0*96.0*179.5 Out Diameter : 100.0 Total length : 190.0 Flange : 107.5*2.5+1.0 | STD |



Engine Bearing

MAIN : 11701-54060
CON.ROD : 13041-54041
T/W : 11011-54010
C/B : 11802-54020
BUSH : 90999-73115

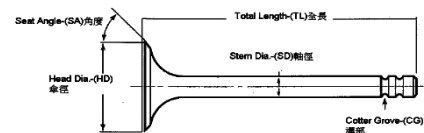
SIZE
STD



Engine Valve

OEM NO. 13711-54020
IN 42.5 8.0 103.5
OEM NO. 13715-54040
EX 36.0 8.0 103.4

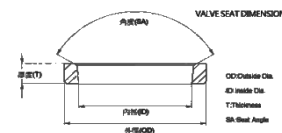
SIZE
STD



Valve Seat

OEM NO. EVSTO-07-I
IN 43.5 36.0 6.8
OEM NO. EVSTO-07-E
EX 37.0 30.0 9.0

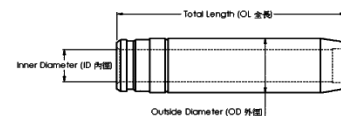
SIZE
STD



Valve Guide

OEM NO. 11122-64010
IN/EX 40.0 8.0 13.0

SIZE
STD



Gasket Set

OEM NO.



TOYOTA

5L

Application : TRUCK
Number of Cylinders 4
Cylinder dia. 99.5 MM
Swept Volume 2985 ccm

Piston kit-Set

OEM NO. 13101-54120

| Piston | SIZE |
|--|------|
| Comp : 42.5 w/al-fin Height : -2.2 oil-cooled Length : 80.4 Top Shape : Flower Pin : 29.0 Length : 74.0 | STD |



Piston Ring

OEM NO. 13011-54130
 NPR : SDT10-167ZZ

| OEM Ring Groove | SIZE |
|--------------------------------------|------|
| Top : 2.0K 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-54120

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 99.5 Sleeve : 92.0*96.0*179.5 Out Diameter : 103.5 Total length : 190.0 Flange : | STD |



Engine Bearing

MAIN : 11701-54060
 CON.ROD : 13041-54041
 T/W : 11011-54010
 C/B : 11802-54020
 BUSH : 90999-73115

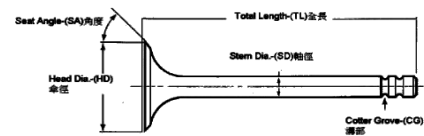
SIZE
 STD



Engine Valve

OEM NO. 13711-54030
 IN 42.5 8.0 104.2
 OEM NO. 13715-54050
 EX 36.0 8.0 104.0

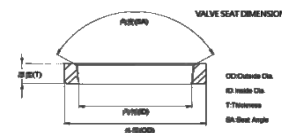
SIZE
 STD



Valve Seat

OEM NO. ESTO-07-I
 IN
 OEM NO. ESTO-07-E
 EX

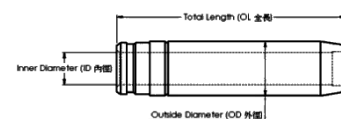
SIZE
 STD



Valve Guide

OEM NO. 11122-54020
 IN/EX 40.0 8.0 13.0

SIZE
 STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-78020

| Piston | SIZE |
|---|------|
| Comp : 60.3 w/al-fin Height : -19.2 Length : 106.0 Top Shape : Ø51.6 Direct Injection Pin : 35.0 Length : 85.0 | STD |



Piston Ring

OEM NO. 13011-1983
NPR : SJH20-041ZZ

| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 2.5 2nd : 2.0 Oil : 5.0 | STD |



Cylinder Liner

OEM NO. 11467-1771

| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : 104.0 Out Diameter : 107.0 Total length : 201.0 Flange : 112.0*8.0+0.8 | STD |



Engine Bearing

MAIN : 11701-78010
CON.ROD : 13041-78010
T/W : 11011-78010
C/B : 11802-78010
BUSH : 90999-73095

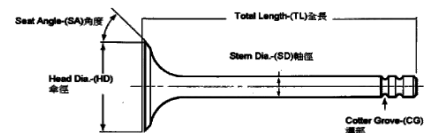
SIZE
STD



Engine Valve

OEM NO. 13711-78010
IN 45.4 9.0 123.3
OEM NO. 13715-78010
EX 40.0 9.0 123.0

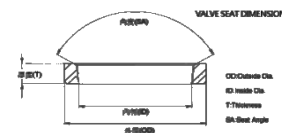
SIZE
STD



Valve Seat

OEM NO. 11131-1210
IN 46.5 38.5 7.6
OEM NO. 11135-1320
EX 41.0 35.7 7.3

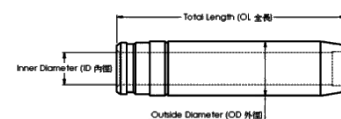
SIZE
STD



Valve Guide

OEM NO. 11122-1140
IN/EX 56.0 9.0 14.0

SIZE
STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-78300

| Piston | SIZE |
|---|------|
| Comp : 56.5 Height : -16.0 Length : 94.4 Top Shape : Ø51.0 Direct Injection Pin : 32.0 Length : 77.0 | STD |



Piston Ring

OEM NO. 13011-78300
NPR : SDT10-158ZZ

| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 2.0 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO. 11461-78300

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 96.0 Out Diameter : 100.0 Total length : 182.5 Flange : 106.0*8.0 | STD |



Engine Bearing

MAIN : 11701-78300
CON.ROD : 13281-68020
T/W : 11011-78300
C/B : 11802-78300(OLD)/11802-78301(NEW)
BUSH : 90834-32951

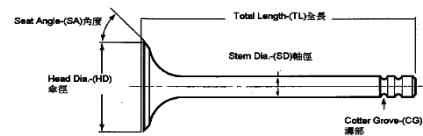
| SIZE |
|------|
| STD |



Engine Valve

OEM NO. 13711-78300-71
IN 42.0 9.0 122.0
OEM NO. 13715-78300-71
EX 35.0 9.0 122.0

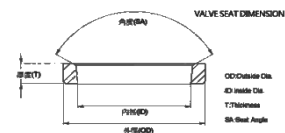
| SIZE |
|------|
| STD |



Valve Seat

OEM NO. 11131-76006-71
IN 44.0 36.0 6.0
OEM NO. 11135-76004-71
EX 36.5 30.0 6.0

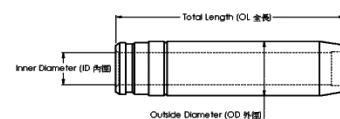
| SIZE |
|------|
| STD |



Valve Guide

OEM NO. 11122-76004
IN/EX 56.0 9.0 14.0

| SIZE |
|------|
| STD |



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-78070



Piston

SIZE

Comp : 50.0 Height : -16.0 Length : 88.0
Top Shape : Ø57.0
Direct Injection
Pin : 32.0 Length : 77.0

STD

Piston Ring

OEM NO. 13011-78700
NPR : SDT10-179ZZ



OEM Ring Groove

SIZE

Top : 2.0
2nd : 2.0
Oil : 4.0

STD

Cylinder Liner

OEM NO. 11461-78400



Liner&Sleeve

SIZE

In Diameter : 98.0 Sleeve : 98.0*101.0*181.0L
Out Diameter : 101.0
Total length : 181.5
Flange : 107.0*5.0

STD

Engine Bearing

MAIN : 11701-78700
CON.ROD : 13281-68020
T/W : 11011-78300
C/B :
BUSH :

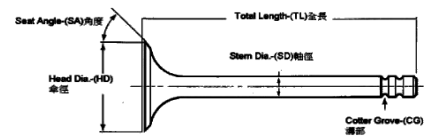


SIZE

STD

Engine Valve

OEM NO. 13711-78300
IN 42.0 9.0 122.0
OEM NO. 13715-78300
EX 35.0 9.0 122.0

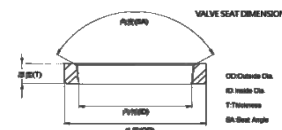


SIZE

STD

Valve Seat

OEM NO. 11131-76006-71
IN 44.0 36.0 6.0
OEM NO. 11135-76004-71
EX 36.5 30.0 6.0

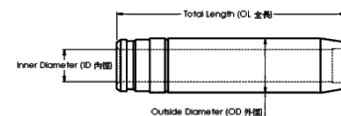


SIZE

STD

Valve Guide

OEM NO. 11122-76004
IN/EX 56.0 9.0 14.0



SIZE

STD

Gasket Set

OEM NO.



TOYOTA 2Z-N

Application : FORKLIFT
Number of Cylinders 4
Cylinder dia. 98.0 MM
Swept Volume 3469 ccm

Piston kit-Set

OEM NO. 13101-78700/01



Piston

SIZE

Comp : 50.0 Height : -17.5 Length : 88.0
Top Shape : Ø52.5
Direct Injection
Pin : 32.0 Length : 77.0

STD

Piston Ring

OEM NO. 13011-78700
NPR : SDT10-179ZZ



OEM Ring Groove

SIZE

Top : 2.0
2nd : 2.0
Oil : 4.0

STD

Cylinder Liner

OEM NO. 11461-78400



Liner&Sleeve

SIZE

In Diameter : 98.0 Sleeve : 98.0*101.0*181.0L
Out Diameter : 101.0
Total length : 181.5
Flange : 107.0*5.0

STD

Engine Bearing

MAIN : 11701-78700
CON.ROD : 13281-68020
T/W : 11011-78300
C/B :
BUSH :

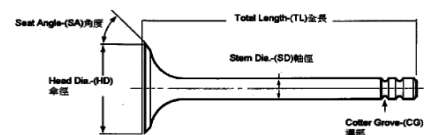


SIZE

STD

Engine Valve

OEM NO. 13711-78300
IN 42.0 9.0 122.0
OEM NO. 13715-78300
EX 35.0 9.0 122.0

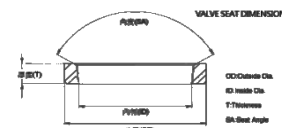


SIZE

STD

Valve Seat

OEM NO. 11131-76006-71
IN 44.0 36.0 6.0
OEM NO. 11135-76004-71
EX 36.5 30.0 6.0

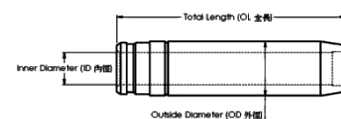


SIZE

STD

Valve Guide

OEM NO. 11122-76004
IN/EX 56.0 9.0 14.0



SIZE

STD

Gasket Set

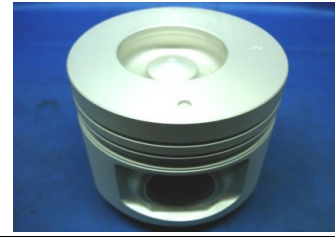
OEM NO.



Piston kit-Set

OEM NO. 13101-78702

| Piston | SIZE |
|---|-------------|
| Comp : 50.0 Height : -19.0 Length : 88.0 Top Shape : Ø49.0 Direct Injection Pin : 32.0 Length : 77.0 | STD 0.50 |



Piston Ring

OEM NO. 13011-78700
NPR : SDT10-179ZZ

| OEM Ring Groove | SIZE |
|-------------------------------------|-------------|
| Top : 2.0 2nd : 2.0 Oil : 4.0 | STD 0.50 |



Cylinder Liner

OEM NO. 11461-78400

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 98.0 Out Diameter : 101.0 Total length : 181.5 Flange : 107.0*5.0 Sleeve: 98*101*181L | STD |



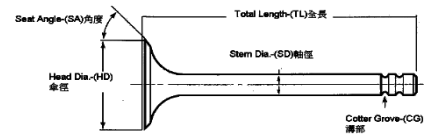
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| | SIZE |
|---|------|
| MAIN : 11701-78700 CON.ROD : 13281-68020 T/W : 11011-78300 C/B : BUSH : | STD |



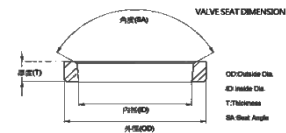
Engine Valve

| | SIZE |
|--|------|
| OEM NO. 13711-78300-71 IN 42.0 9.0 122.0 OEM NO. 13715-78300-71 EX 35.0 9.0 122.0 | STD |



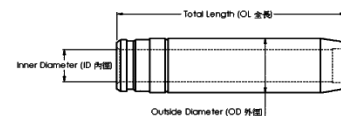
Valve Seat

| | SIZE |
|--|------|
| OEM NO. 11131-76006-71 IN 44.0 36.0 6.0 OEM NO. 11135-76004-71 EX 36.5 30.0 6.0 | STD |



Valve Guide

| | SIZE |
|---|------|
| OEM NO.11122-76004 IN/EX 56.0 9.0 14.0 | STD |



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-78C00



| Piston | SIZE |
|--|-------------|
| Comp : 49.5 Height : -2.5 Length : 88.0 Top Shape : Flower Head Anodized Pin : 32.0 Length : 77.0 | STD 0.50 |

Piston Ring

OEM NO.
NPR :



| OEM Ring Groove | SIZE |
|-------------------------------------|-------------|
| Top : 2.0 2nd : 2.0 Oil : 4.0 | STD 0.50 |

Cylinder Liner

OEM NO.



| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |

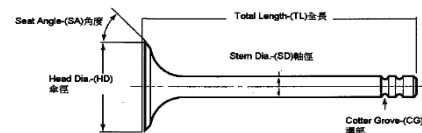
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MAIN :
CON.ROD :
T/W :
C/B :
BUSH :



Engine Valve

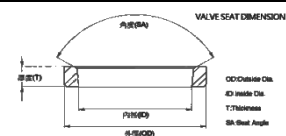
OEM NO.
IN
OEM NO.
EX



| SIZE |
|------|
| STD |

Valve Seat

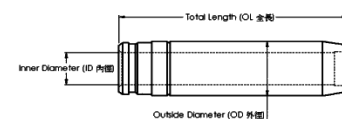
OEM NO.
IN
OEM NO.
EX



| SIZE |
|------|
| STD |

Valve Guide

OEM NO.
IN
OEM NO.
EX



| SIZE |
|------|
| STD |

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-78360



Piston

SIZE

Comp : 50.1 Height : -16.0 Length : 88.0
Top Shape : Ø54.8
Direct Injection
Pin : 32.0 Length : 77.0

STD

Piston Ring

OEM NO. 13011-78300

NPR : SDT10-158ZZ



OEM Ring Groove

SIZE

Top : 2.0
2nd : 2.0
Oil : 4.0

STD

Cylinder Liner

OEM NO. 11461-78300

Liner&Sleeve

SIZE

In Diameter : 96.0
Out Diameter : 100.0
Total length : 182.5
Flange : 106.0*8.0

STD



Engine Bearing

MAIN :
CON.ROD :
T/W :
C/B :
BUSH :

SIZE

STD

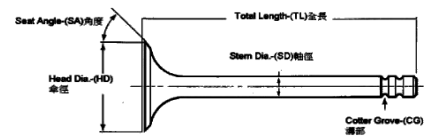


Engine Valve

OEM NO.
IN
OEM NO.
EX

SIZE

STD

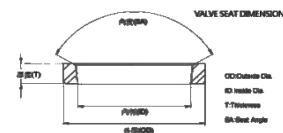


Valve Seat

OEM NO.
IN
OEM NO.
EX

SIZE

STD

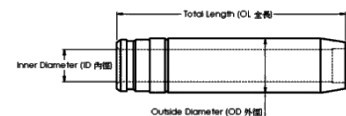


Valve Guide

OEM NO.
IN/EN

SIZE

STD



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-78761

| Piston | SIZE |
|---|------|
| Comp : 56.5 Height : -17.7 Length : 94.5 Top Shape : Ø45.0 Direct Injection Pin : 32.0 Length : 77.0 | STD |



Piston Ring

OEM NO. 13011-78700
NPR : SDT10-179ZZ

| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 2.0 2nd : 2.0 Oil : 4.0 | STD |



Cylinder Liner

OEM NO.

| Liner&Sleeve | SIZE |
|--|------|
| In Diameter : 98.0 Out Diameter : 101.0 Total length : 175.0 Flange : | STD |



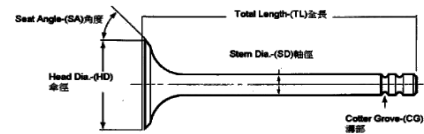
Engine Bearing

| MAIN : | SIZE |
|---------------------------------------|------|
| CON.ROD : T/W : C/B : BUSH : | STD |



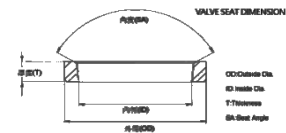
Engine Valve

| OEM NO. | SIZE |
|---------------------|------|
| IN OEM NO. EX | STD |



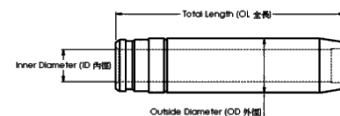
Valve Seat

| OEM NO. | SIZE |
|---------------------|------|
| IN OEM NO. EX | STD |



Valve Guide

| OEM NO. | SIZE |
|---------------------|------|
| IN OEM NO. EX | STD |



Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-78780



Piston

SIZE

Comp : 56.6 Height : -17.8 Length : 94.5
Top Shape : Ø47.0
Direct Injection
Pin : 32.0 Length : 77.0

STD

Piston Ring

OEM NO.
NPR :



OEM Ring Groove

SIZE

Top : 2.0
2nd : 2.0
Oil : 4.0

STD

Cylinder Liner

OEM NO.



Liner&Sleeve

SIZE

In Diameter :
Out Diameter :
Total length :
Flange :

STD

Engine Bearing

MAIN :
CON.ROD :
T/W :
C/B :
BUSH :

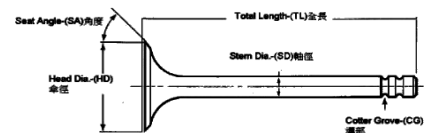


SIZE

STD

Engine Valve

OEM NO.
IN
OEM NO.
EX

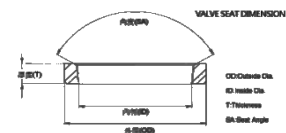


SIZE

STD

Valve Seat

OEM NO.
IN
OEM NO.
EX

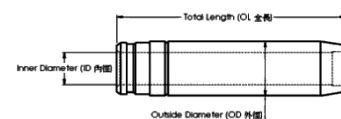


SIZE

STD

Valve Guide

OEM NO.
IN/EX



SIZE

STD

Gasket Set

OEM NO.



Piston kit-Set

OEM NO. 13101-78C00



| Piston | SIZE |
|--|-------------|
| Comp : 49.5 Height : -2.5 Length : 88.0 Top Shape : Flower Head Anodized Pin : 32.0 Length : 77.0 | STD 0.50 |

Piston Ring

OEM NO.
NPR :



| OEM Ring Groove | SIZE |
|-------------------------------------|------|
| Top : 2.0 2nd : 2.0 Oil : 4.0 | STD |

Cylinder Liner

OEM NO.



| Liner&Sleeve | SIZE |
|---|------|
| In Diameter : Out Diameter : Total length : Flange : | STD |

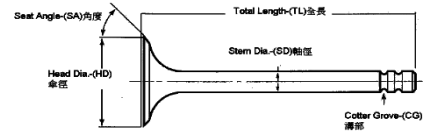
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MAIN :
CON.ROD :
T/W :
C/B :
BUSH :



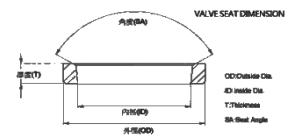
Engine Valve

OEM NO.
IN
OEM NO.
EX



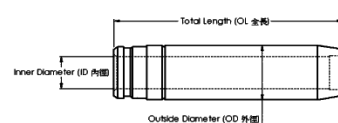
Valve Seat

OEM NO.
IN
OEM NO.
EX



Valve Guide

OEM NO.
IN
OEM NO.
EX



Gasket Set

OEM NO.

