

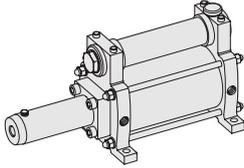
Booster Series

Direct Compressed Type
Precompressed Type

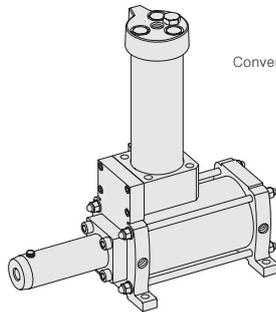
■ Heavy Pressure Rate - 11 : 1
25 : 1

■ Overflowing Oil Gauge
70cm³ (70cc)

Direct Compressed Type
YNBH3-40 (11:1)
YNBH3-60 (25:1)



Precompressed Type
YNPH3-40 (11:1)
YNPH3-60 (25:1)



Converter is Optional

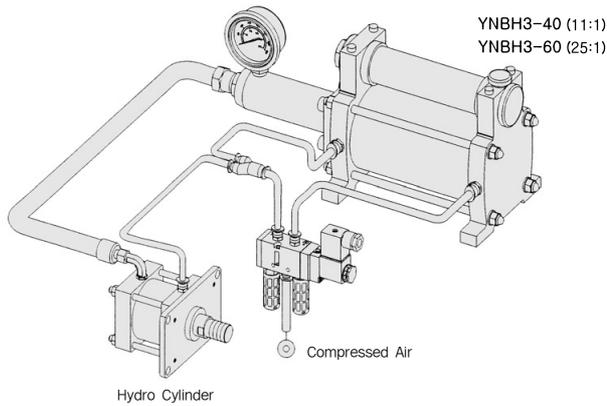
SPECIFICATION

| ITEM | SERIES | YNBH3-40 | YNBH3-60 |
|--|-------------|---|--------------------------|
| | | YNPH3-40 | YNPH3-60 |
| Heavy Pressure Rate | | 11 : 1 | 25 : 1 |
| Overflowing Oil Gauge | | 70cm ³ (70cc) | 70cm ³ (70cc) |
| Overflowing Oil Pressure at the Time of Application Maximum air Pressure Temperature | | 77kgf/cm ² | 175kgf/cm ² |
| Ambient & Fluid Temp. | | 5~60°C (41~140°F) | |
| Operation Oil | | Cosmomiter 10(cosmo gasolin), Tough spendux oil(made in Julkwang Tongsan Co.) | |
| Air Pressure Department | Fluid | Air | |
| | Oil-Feeding | Not Require | |
| | Pressure | 3~7bar | |
| | Oil | Tubin oil, Oil Equivalent to ISO VG 32# | |
| Weight(direct pressure) | | 8.0kgf | 10.0kgf |

The Material of Parts

- Rod Cover : Die-Cast Aluminium
- Tie Rod : Carbon Iron
- Head Cover : Die-Cast Aluminium
- Hex Nut : Carbon Iron
- Tube : Aluminium Extruding

* The specification on each item can be amended without any prenotice to improve a performance.
* The specification on each item can be different from actual specification.

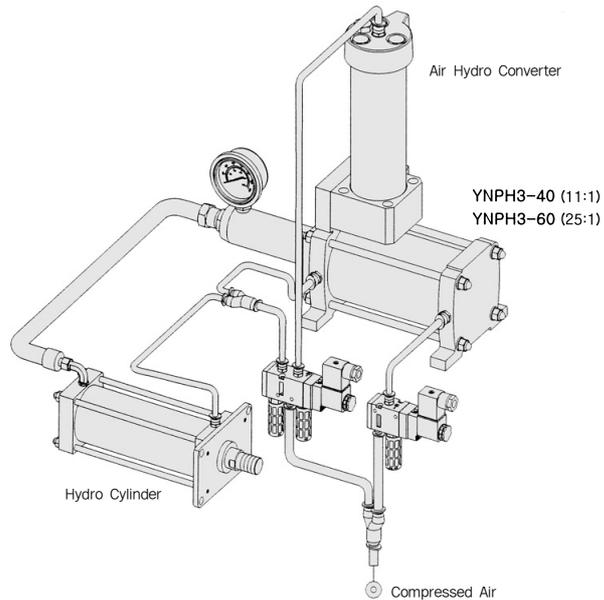


Hydro Cylinder

Compressed Air

YNBH3-40 (11:1)
YNBH3-60 (25:1)

Direct Compressed Type



Air Hydro Converter

Hydro Cylinder

Compressed Air

YNPH3-40 (11:1)
YNPH3-60 (25:1)

Precompressed Type

ORDERING NO.

YNBH 3 - 40 - 70

Booster Series

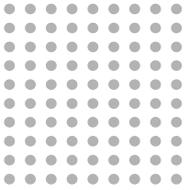
| | |
|-------|------------------------|
| YNBH3 | Direct Compressed Type |
| YNPH3 | Precompressed Type |

Heavy Pressure Rate

| | |
|----|--------|
| 40 | (11:1) |
| 60 | (25:1) |

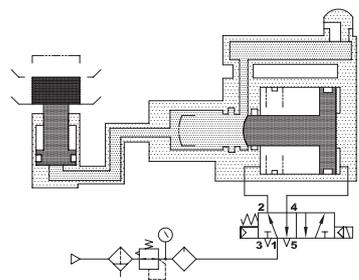
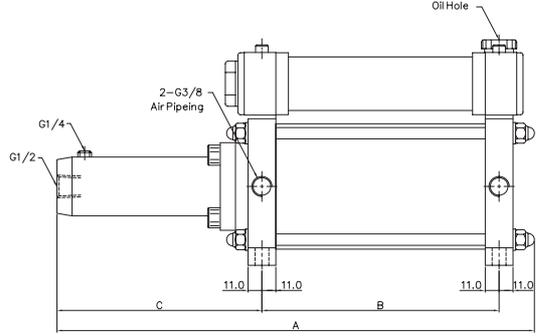
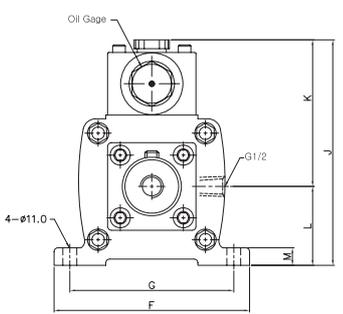
Overflowing

| | |
|-----|-------|
| 70 | 70CC |
| 100 | 100CC |



Booster Cylinder

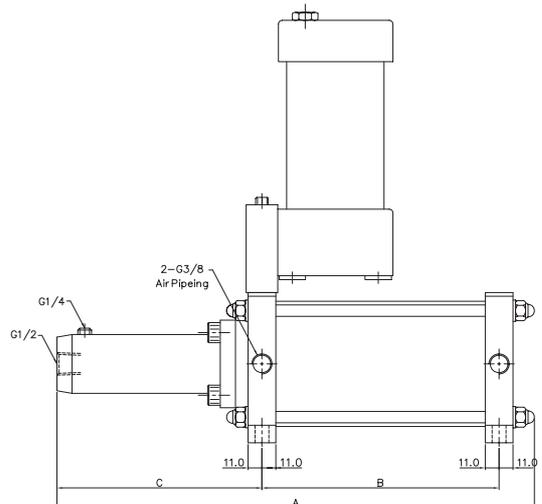
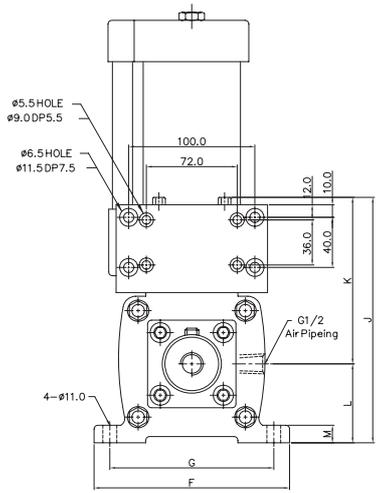
11 : 1, 25 : 1



| MODEL NO. | A | B | C | F | G | J | K | L | M |
|--------------|-----|-----|-------|-----|-----|-----|-----|----|----|
| YNBH3-40-70 | 378 | 188 | 162.5 | 155 | 130 | 180 | 120 | 60 | 14 |
| YNBH3-40-100 | 478 | 238 | 212.5 | | | | | | |
| YNBH3-60-70 | 378 | 188 | 162.5 | 225 | 190 | 227 | 137 | 90 | 16 |
| YNBH3-60-100 | 478 | 238 | 212.5 | | | | | | |

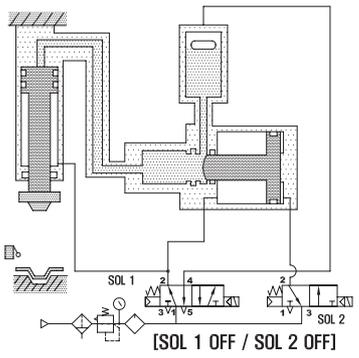
Precompressed Type

| MODEL NO. | A | B | C | F | G | J | K | L | M |
|--------------|-----|-----|-------|-----|-----|-----|-----|----|----|
| YNPH3-40-70 | 378 | 188 | 162.5 | 155 | 130 | 196 | 136 | 60 | 14 |
| YNPH3-40-100 | 478 | 238 | 212.5 | | | | | | |
| YNPH3-60-70 | 378 | 188 | 162.5 | 225 | 190 | 245 | 156 | 90 | 16 |
| YNPH3-60-100 | 478 | 238 | 212.5 | | | | | | |



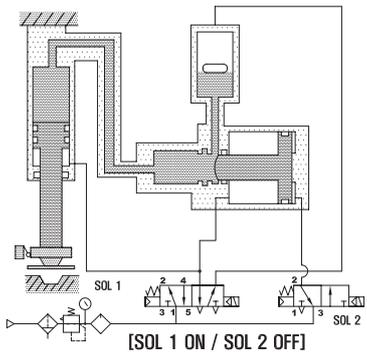
▶ Ending stroke

After finished work, compressor of oil cylinder has been restored to air pressure by converting valve, and all the stroke is returned original state, then is prepared to travel stroke.



▶ Precompressed Travelling stroke

By using compressor, high compressed oil should be travelled to the hydraulic to get output.



▶ Travelling stroke

By using common converter it has been changed from "low-compressed air pressure" to "oil pressure" at the time of 1:1 pressure.

