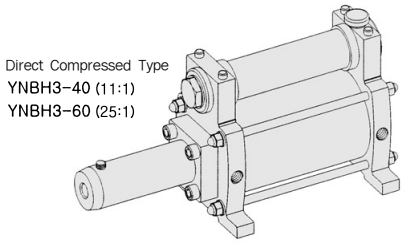
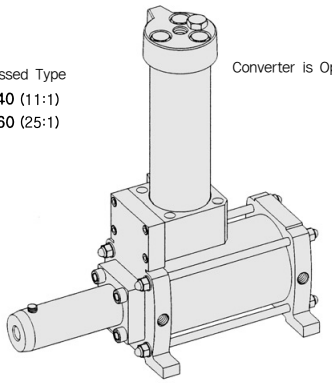
Booster Series

Direct Compressed Type
Precompressed Type

- **Heavy Pressure Rate - 11 : 1 25 : 1**
- **Overflowing Oil Gauge 70㎤ (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

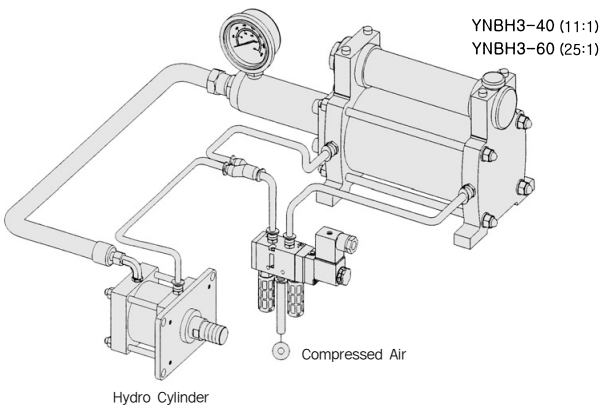
SPECIFICATION

SERIES / ITEM		YNBH3-40 YNPH3-40	YNBH3-60 YNPH3-60
Heavy Pressure Rate		11 : 1	25 : 1
Overflowing Oil Gauge		70㎤ (70cc)	70㎤ (70cc)
Overflowing Oil Pressure at the Time of Application Maximun air Pressure Temperature		77kgf/㎠	175kgf/㎠
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

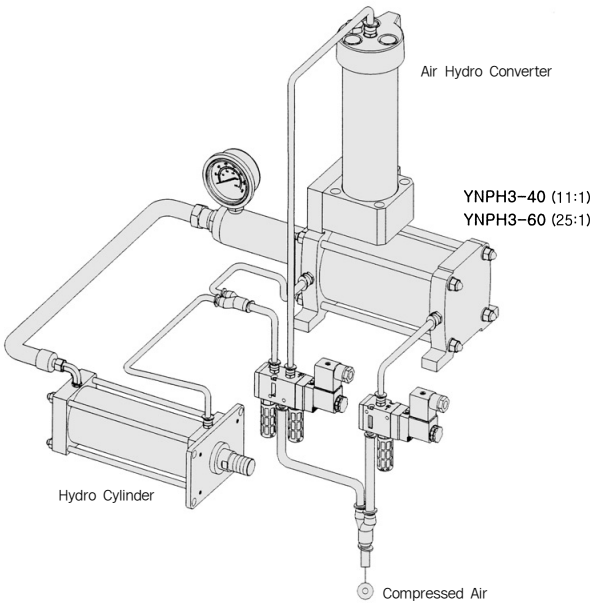
The Material of Parts

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

※ 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.



Direct Compressed Type



Precompressed Type

ORDERING NO.

YNBH3 - 40

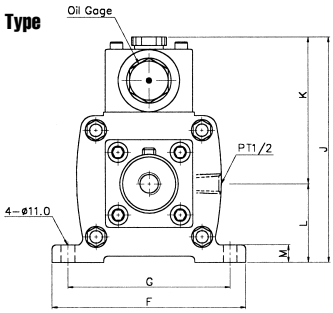
Booster Series	
YNBH3	Direct Compressed Type
YNPH3	Precompressed Type

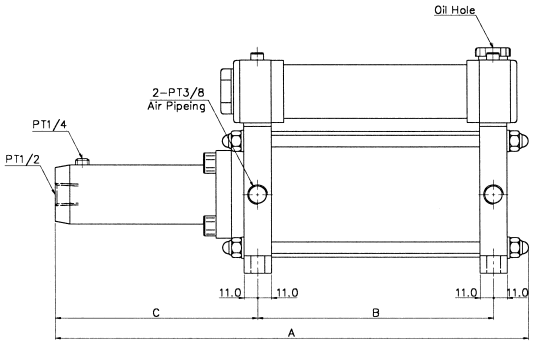
Heavy Pressure Rate	
40	(11:1)
60	(25:1)

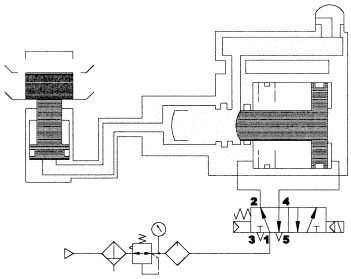
Booster Cylinder

11 : 1, 25 : 1

Direct Compressed Type



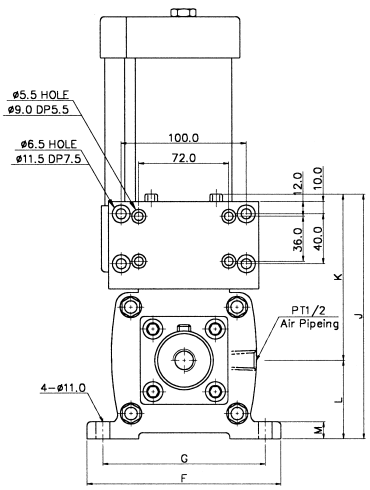


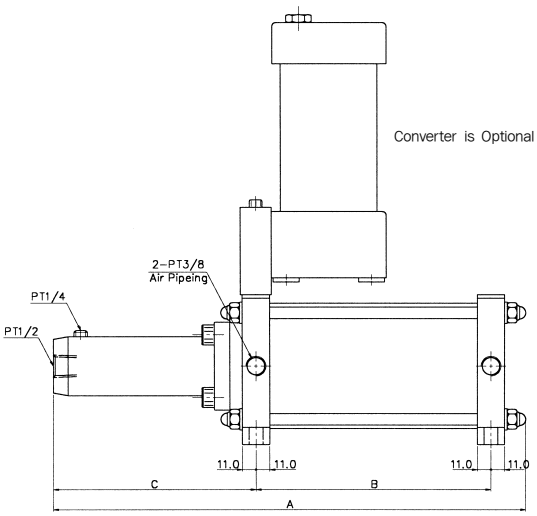


MODEL NO.	A	B	C	F	G	J	K	L	M
YNBH3-40	378	188	162.5	155	130	180	120	60	14
YNBH3-60	378	188	162.5	220	190	227	137	90	16

Precompressed Type

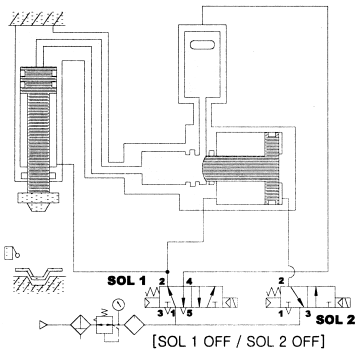
MODEL NO.	A	B	C	F	G	J	K	L	M
YNPH3-40	378	188	162.5	155	130	196	136	60	14
YNPH3-60	378	188	162.5	220	190	245	156	90	16





▶ Ending stroke

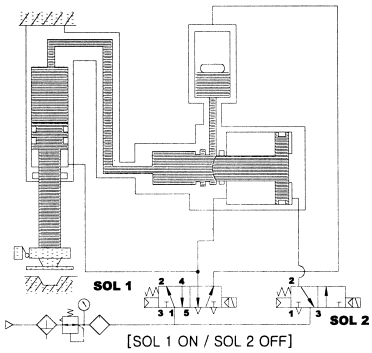
After finished work, compressor of oil cylinder has been restored to air pressure by converting valve, and all the stroke is returned original state, then is prepared to travel stoke.



[SOL 1 OFF / SOL 2 OFF]

▶ Precompressed Travelling stroke

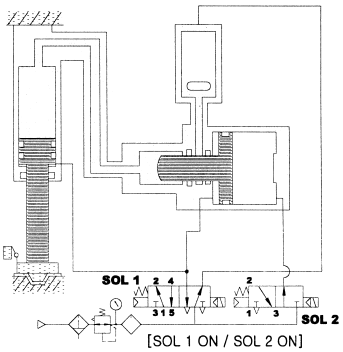
By using compressor, high compressed oil should be travelied to the hydraulic to get output.



[SOL 1 ON / SOL 2 OFF]

▶ 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.



[SOL 1 ON / SOL 2 ON]