

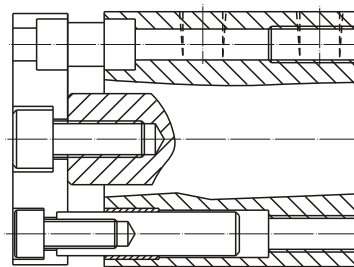
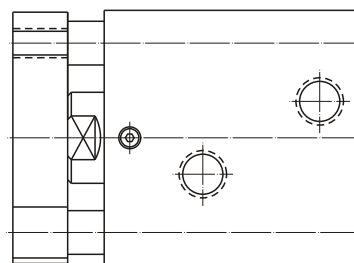
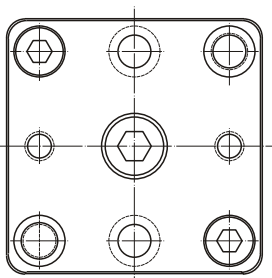
NRCXHC COMPACT CYLINDER WITH NON ROTATING PISTON ROD



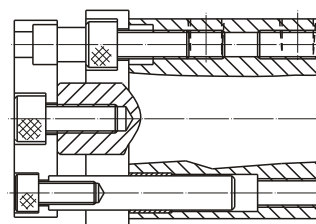
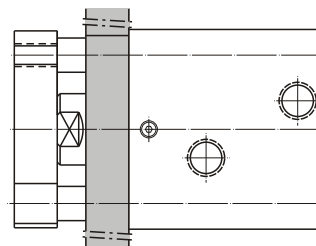
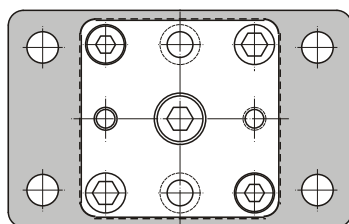
- Compact cylinder (CXHC) with the piston rod connecting plate and guide rod, it constitutes a non-rotating compact cylinder.
- The stroke of the cylinder is in accordance with the specifications of the compact cylinder (CXHC), but the long stroke is restricted.
- Bore(mm):
(1)NR-CXHC : 20 、 25 、 32 、 40 、 50 、 63 、

INSTALLATION FORM

- SD Basic

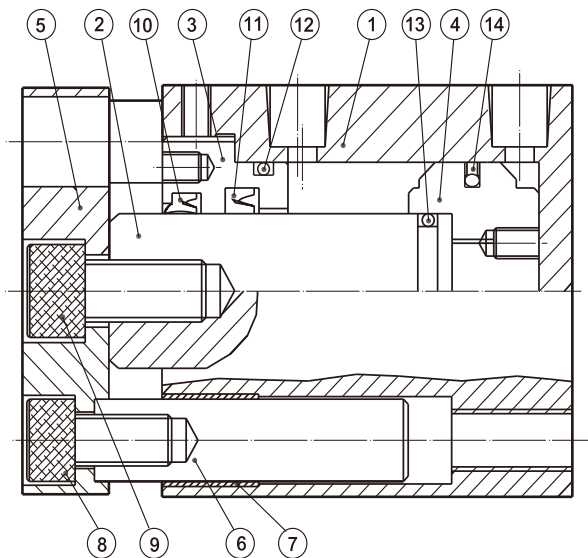


- FA Rod flange



INTERNAL STRUCTURE AND PART NAMES

- NR-CXHC Non-rotating compact cylinder
- SD Basic- bore: Ø32~Ø63



Item	Part name	Qty	Item	Part name	Qty
①	Tube	1	⑨	Fixed board bolt	1
②	Piston rod	1	⑩	Rod dust packing	1
③	Rod cover	1	⑪	Rod packing	1
④	Piston	1	⑫	Rod cover O-ring	1
⑤	Fixed board	1	⑬	Piston O-ring	1
⑥	Guide rod	2	⑭	Piston packing	1
⑦	Guide rod bushing	2	⑮	Piston back-up ring	2
⑧	Guide rod bolt	2			

THEORETICAL OUTPUT TABLE

Units: kgf

Bore (mm)	Shaft diameter (mm)	Piston pressure area (cm ²)		Theoretical output (P=70kgf/cm ²)		Theoretical output (P=140kgf/cm ²)	
		Extend	Retract	Extend	Retract	Extend	Retract
32	20	8.0	4.9	560	343	1120	686
40	25	12.6	7.7	880	536	1760	1072
50	30	19.6	12.6	1375	880	2750	1760
63	35	31.2	21.65	2182	1508	4343	3016

Tie-rod Hydraulic Cylinder

Mold Hydraulic Cylinders

Swivel & Clamp Hydraulic Cylinders

Booster Cylinders & Unclamping cylinders

ISO Specifications Cylinders

Round Hydraulic Cylinders

Specific Hydraulic Cylinders

Systems & Fittings

ORDER INDICATION

NRCXHC

SD

32

50ST

Type

NR-CXHC
Non-rotating compact cylinder

Performance

Blank = indicates standard
H: Shaft with dust cover
J: Heat/acid & alkali resistance
(Max. tem.150°C)

Installation

SD basic
FA rod flange

Bore

NRCXHC : 32 , 40 , 50 , 63

Stroke (mm)

Refer to the maximum stroke form P.xxx

Pilot check valve

Refer to below form

Flow regulator

Refer to below form

● Pilot Check Valve

Stan- dard	Install position	Order indication	Qty.	Bore
PCVI	FC (rod)	PVCI-03	x1	φ 32~ φ 100
	RC (head)			
	FC/RC (rod + head)	PVCI-03-T	x1	φ 125~ φ 200

Note for check valve:
1. The selected standards are matched according to the size of the bore, and no need to indicated.
2. Install position need to indicated.

● Flow Regulator

Stan- dard	Install position	Order indication	Qty.	Bore
KC	FC (rod)	KC-02	x1	Ø32~Ø63
	RC (head)	KC-03	x1	Ø80~Ø100
	FC/RC (rod + head)	KC-04	x1	Ø125

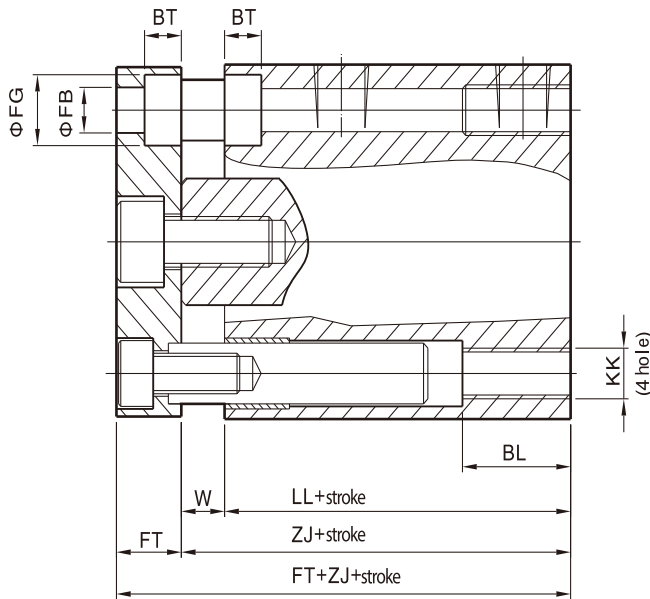
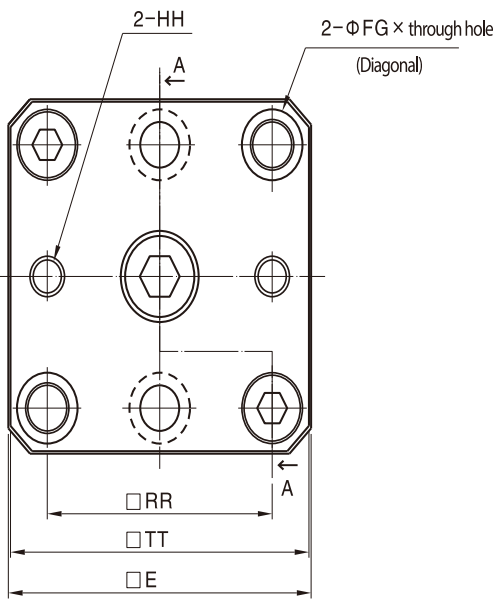
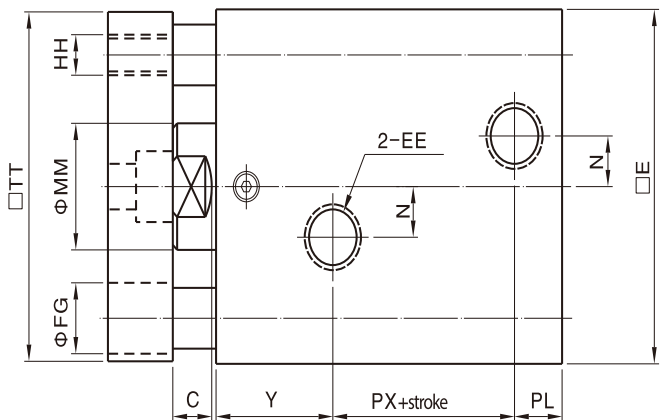
Seal material

Blank = indicates standard (NBR)
2=PU
3=FPM

Blank = indicates standard

EXTERNAL DIMENSIONS

- NR-CXHC Non-rotating compact cylinder
- SD Basic (Φ 32~ Φ 63)



Symbol Bore	BT	BL	C	E	EE	FB	FG	FT	HH	KK	LL	MM	N	PL	RR	TT	WF	Y	ZJ	PX
32	6.5	20	9	62	RC1/4	7	11	12	M6x1.0	M8x1.25	54	20	10	10.5	47	61	10	27	64	16.5
40	8.6	25	9	70	RC1/4	9	14	15	M8x1.25	M10x1.5	55	25	10	11	52	69	10	27	65	17
50	10.8	25	10	80	RC1/4	11	17.5	18	M10x1.5	M12x1.75	60	30	10	11	58	79	11	28	71	21
63	13	28	11	94	RC1/4	14	20	21	M12x1.75	M16x2.0	70	35	10	14	69	93	13	30	83	26

Tie-rod
Hydraulic
Cylinder

Mold
Hydraulic
Cylinders

Swivel &
Clamp
Hydraulic
Cylinders

Booster
Cylinders
&
Unclamping
cylinders

ISO
Specifications
Cylinders

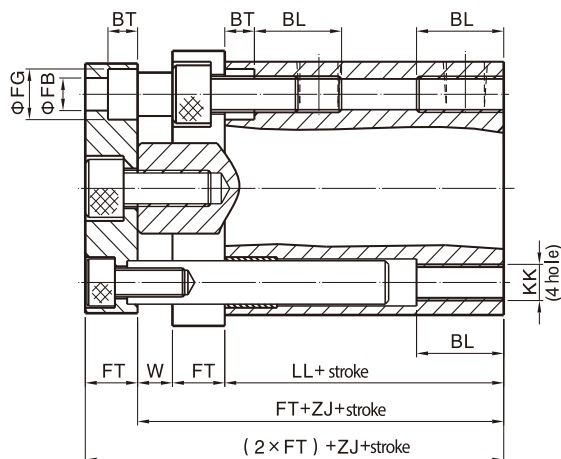
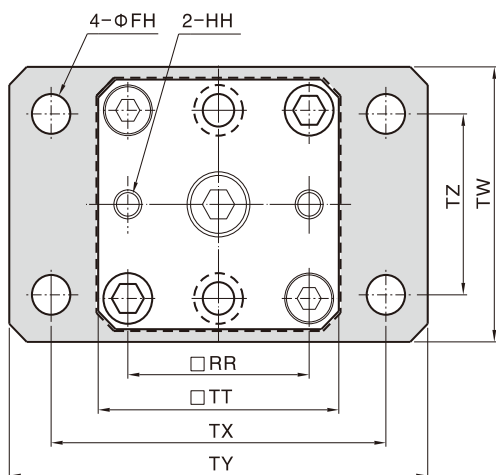
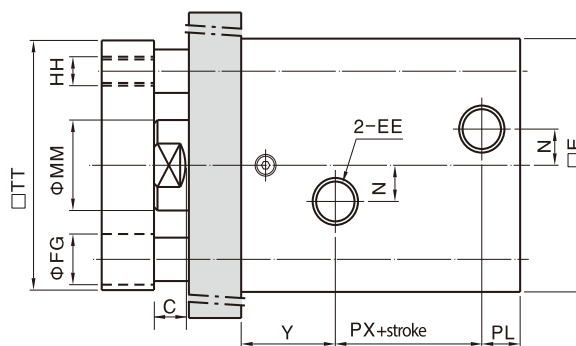
Round
Hydraulic
Cylinders

Specific
Hydraulic
Cylinders

Systems
&
Fittings

EXTERNAL DIMENSIONS

- NR-CXHC Non-rotating compact cylinder
- FA Rod flange ($\Phi 32 \sim \Phi 63$)



Symbol Bore	BT	BL	C	E	EE	FB	FH	FG	FT	HH	KK	LL	MM	N	PL	RR	TT	TW	TX	TY	TZ	W	Y	ZJ	PX
32	6.5	20	9	62	RC1/4"	7	11	11	12	M6 × 1.0	M8 × 1.25	54	20	10	10.5	47	61	66	84	105	40	10	27	64	16.5
40	8.6	25	9	70	RC1/4"	9	11	14	15	M8 × 1.25	M10 × 1.5	55	25	10	11	52	69	75	96	120	50	10	27	65	17
50	10.8	25	10	80	RC1/4"	11	14	17.5	18	M10 × 1.5	M12 × 1.75	60	30	10	11	58	79	84	105	135	52	11	28	71	21
63	13	28	11	94	RC1/4"	14	18	20	21	M12 × 1.75	M16 × 2.0	70	35	10	14	69	93	100	125	160	65	13	30	83	26