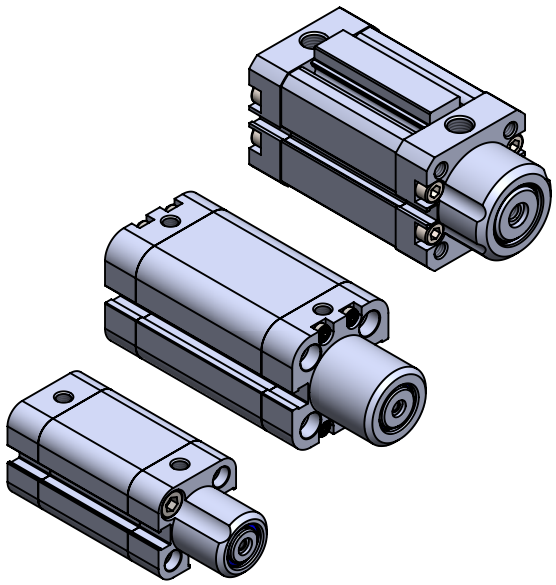
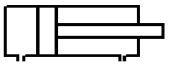


PSC SERIES

COMPACT
STOPPER CYLINDERS, Ø12 - Ø50
DOUBLE ACTING and MAGNETIC CYLINDERS

COMPACT DESIGN.
LONG SERVICE LIFE THANKS TO,
STURDY PISTON ROD GUIDE.
SAFE STOPPING OF WORKPIECE CARRIERS,
PALLETS AND PACKAGES WEIGHING UP.

MAGNETIC SENSOR	RUNNING OIL FREE	303-316 AISI 303-316 ROD	420 AISI 420 ROD	ELOXAL PLATED TUBE	ELOXAL PLATED COVER



PSC : COMPACT CYLINDER WITH DOUBLE ACTING

PSC-A : MAGNETIC COMPACT CYLINDER WITH DOUBLE ACTING

Example of order :

PSC-A — Product Code; Magnetic
020-025 — Cylinder Ø Stroke
M4 — Non-standard variations

VARIANTS FROM STANDARD SYSTEM :

M4 : Extended Piston Rod
K1 : Seals for Max. 150°C (Viton)
K4 : Piston Rod Seal Viton

Force :

Cylinder Ø mm	Rod Ø mm	Thrust and traction forces (6 bar)	
		Thrust Force (N)	Traction Force (N)
12	8	70	40
16	10	120	70
20	12	190	120
25	16	290	170
32	20	480	290
40	25	750	460
50	25	1180	880

Working Fluid :

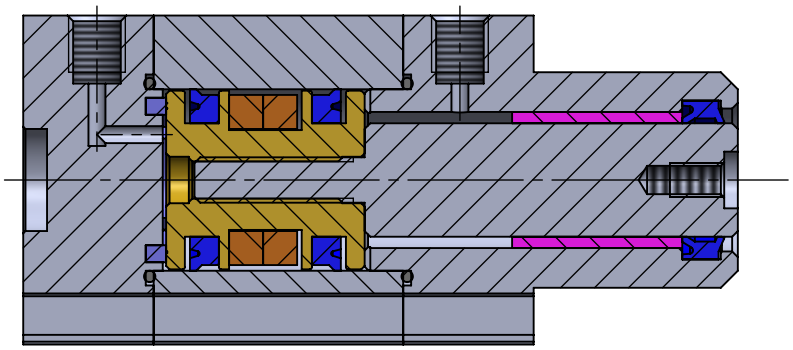
Filtered and lubricated or filtered and not lubricated air.

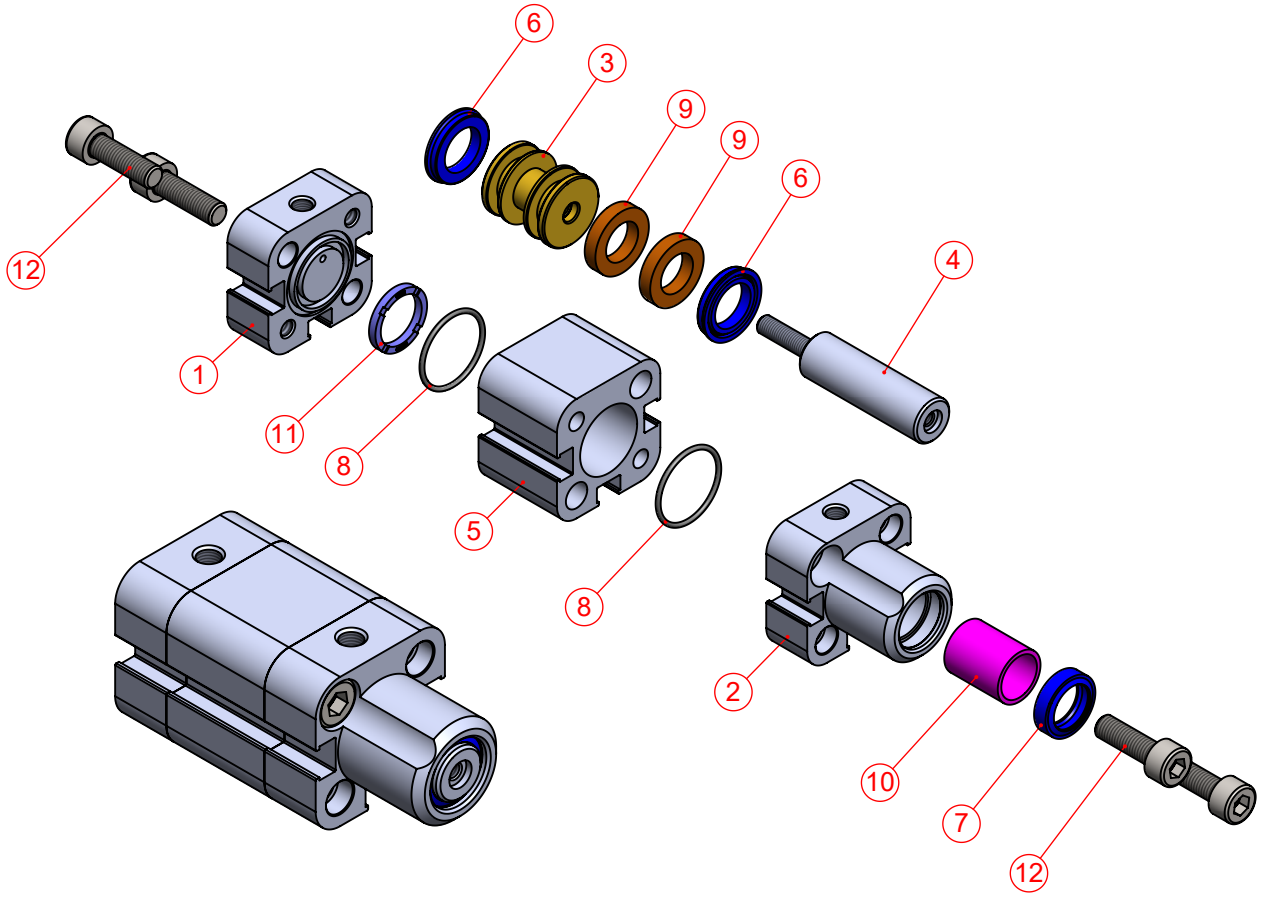
Operating Temperature Range :

Poliüretan (PU) : (-20°C) - (+80°C)
Viton (FKM) : (-30°C) - (+150°C)

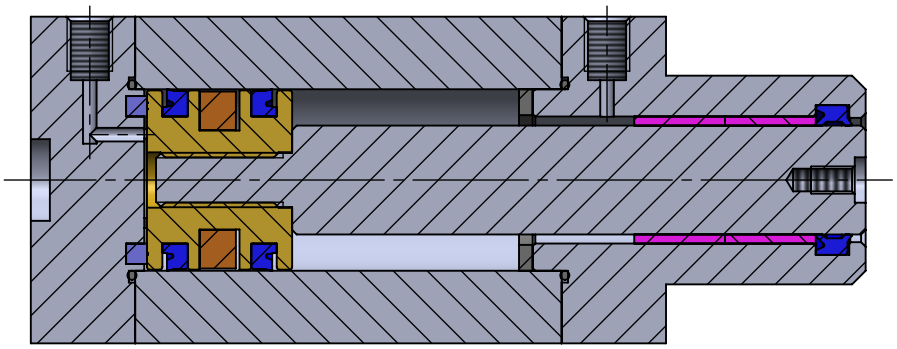
Max. Work Pressure :

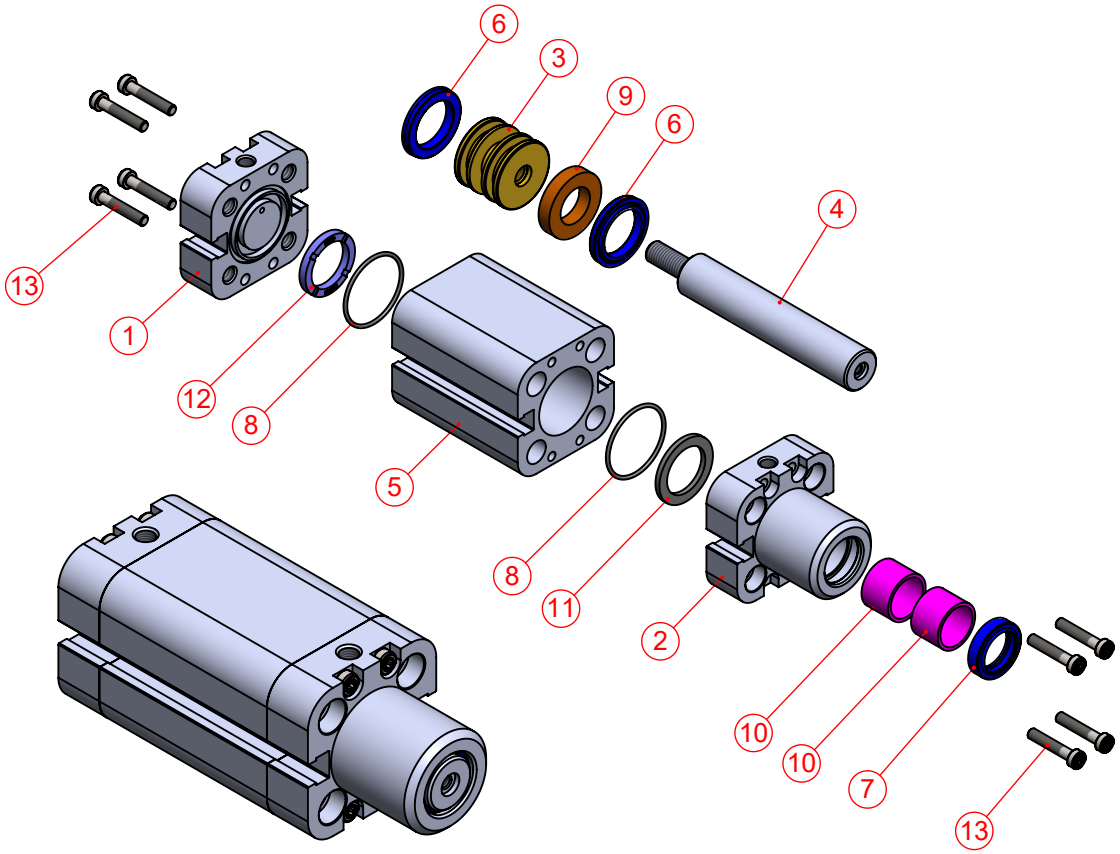
10 Bar



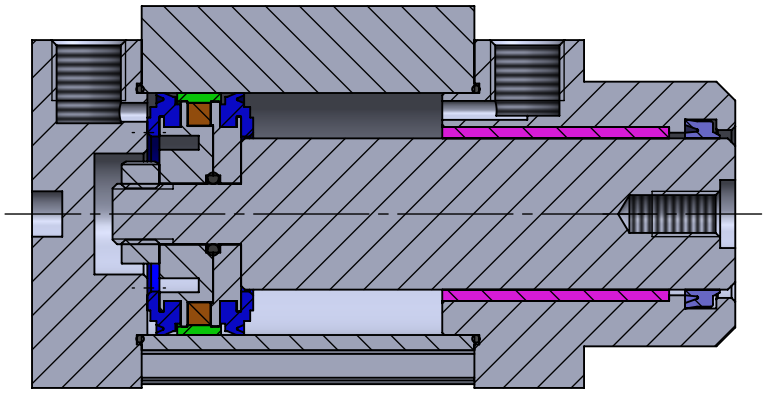


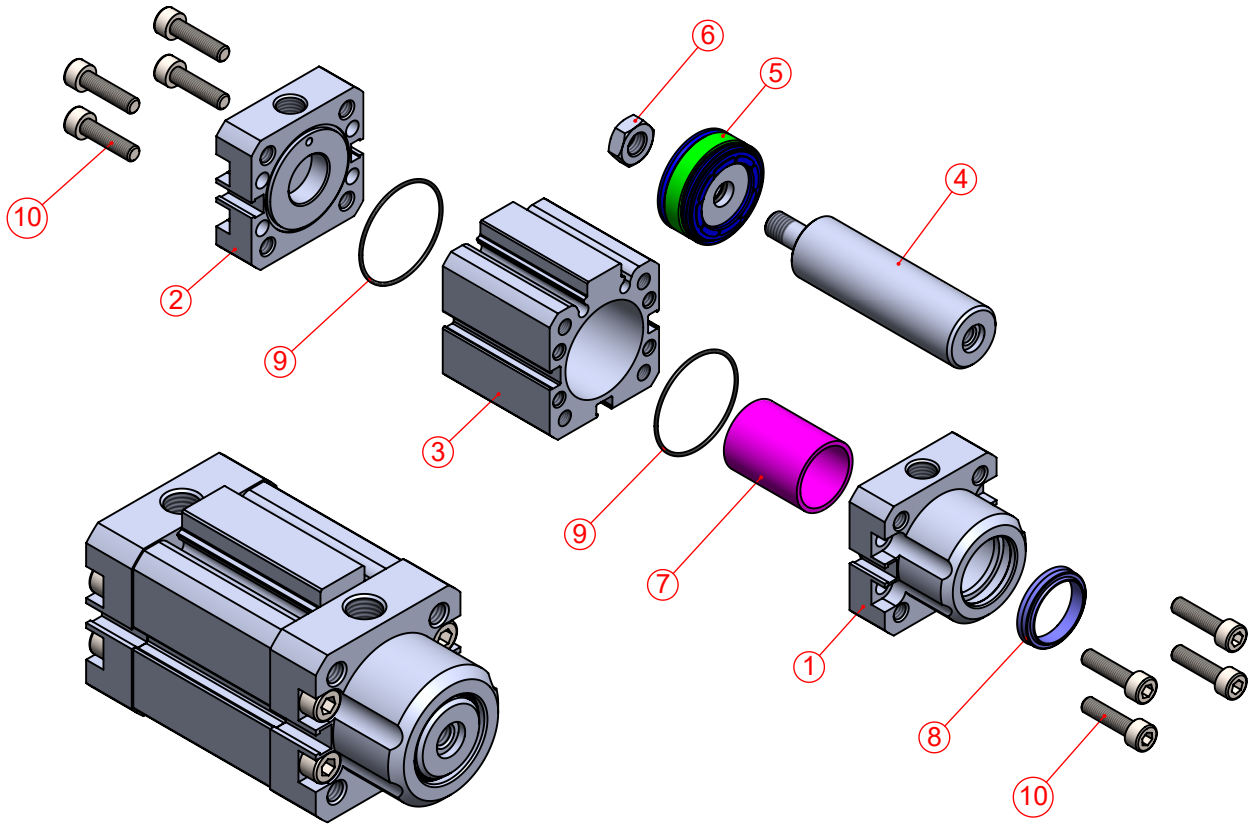
NO	MATERIAL NAME	CHARACTERISTIC	PC
1	REAR HEAD	ALUMINIUM	1
2	FRONT HEAD	ALUMINIUM	1
3	MIDDLE PISTON	BRASS	1
4	PISTON ROD	AISI 303	1
5	CYLINDER TUBE	AlMgSi0.5+ELOXAL PLATED	1
6	PISTON SEAL	PU	2
7	ROD SEAL	PU	1
8	HEAD O-RING	NBR	2
9	MAGNET		2
10	GUIDING BUSH	CSB-40	1
11	REAR BUMPER	PU85	1
12	BOLT	GALVANIZED STEEL	4





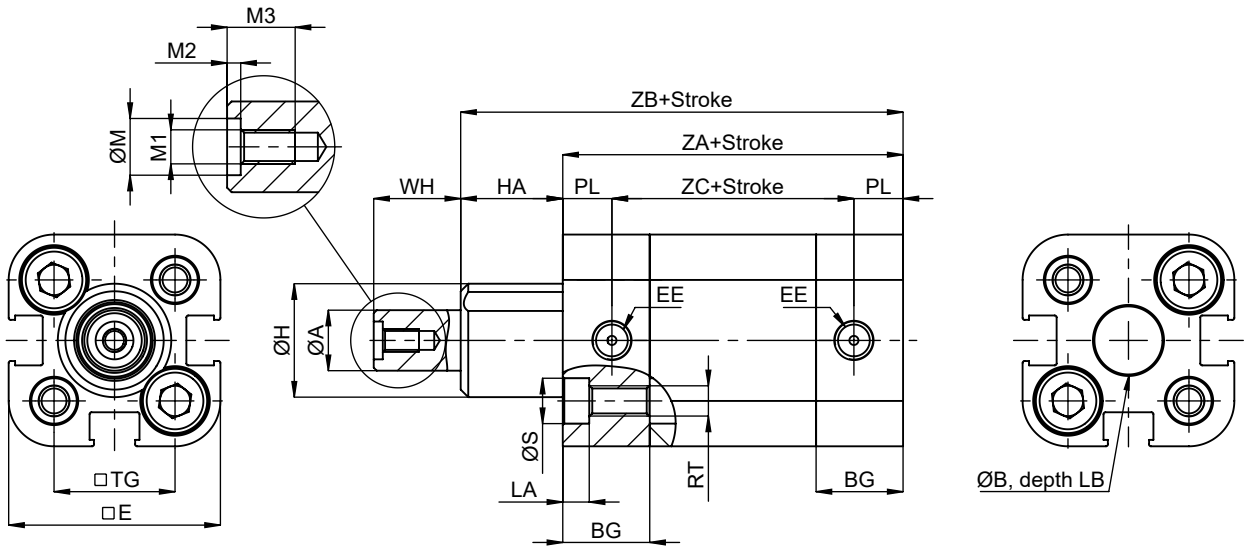
NO	MATERIAL NAME	CHARACTERISTIC	PC
1	REAR HEAD	ALUMINIUM	1
2	FRONT HEAD	ALUMINIUM	1
3	MIDDLE PISTON	BRASS	1
4	PISTON ROD	AISI 316	1
5	CYLINDER TUBE	AlMgSi0.5+ELOXAL PLATED	1
6	PISTON SEAL	PU	2
7	ROD SEAL	PU	1
8	HEAD O-RING	NBR	2
9	MAGNET		1
10	GUIDING BUSH	CSB-40	2
11	FRONT BUMPER	NBR	1
12	REAR BUMPER	PU85	1
13	BOLT	GALVANIZED STEEL	8



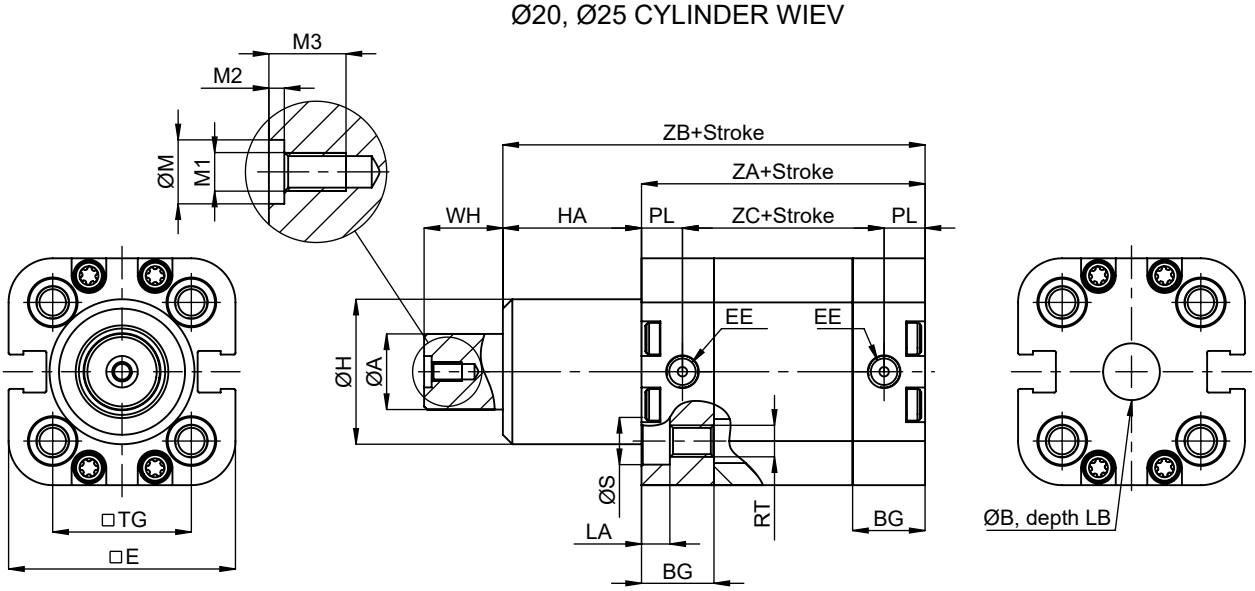


NO	MATERIAL NAME	CHARACTERISTIC	PC
1	FRONT HEAD	6082 AL.+ELOXAL PLATED	1
2	REAR HEAD	6082 AL.+ELOXAL PLATED	1
3	CYLINDER TUBE	AlMgSi0.5+ELOXAL PLATED	1
4	PISTON ROD	X20Cr13+HARD CHROME PLATED	1
5	MIDDLE PISTON	PU+AL.+POM+MAGNET	1
6	NUT	GALVANIZED STEEL	1
7	GUIDING BUSH	CSB-40	1
8	ROD SEAL	PU	1
9	HEAD O-RING	NBR	2
10	BOLT	STAINLESS STEEL	8

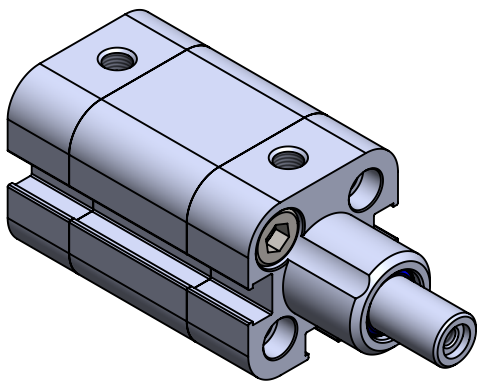
Ø12, Ø16 CYLINDER WIEV

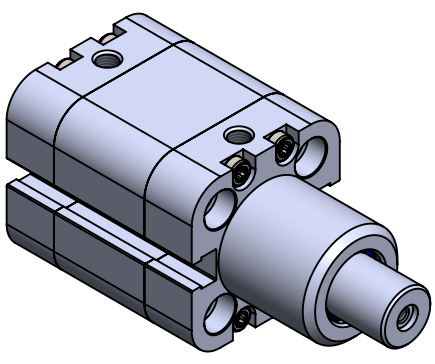


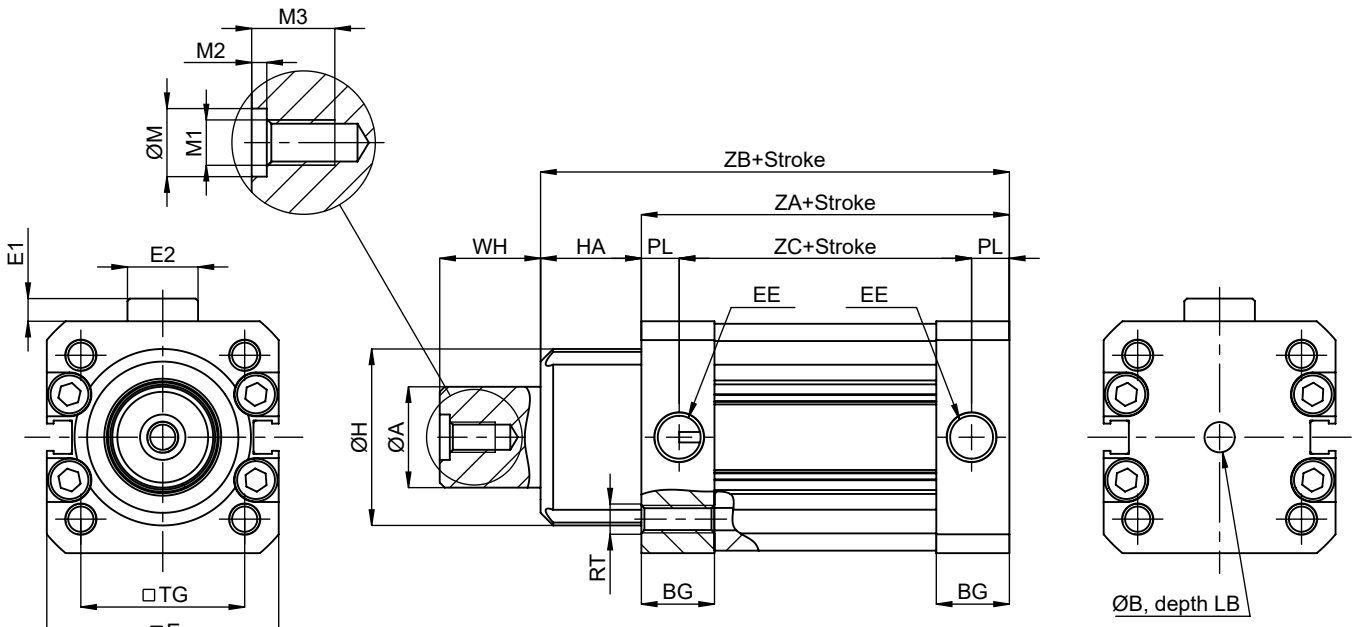
Ø20, Ø25 CYLINDER WIEV



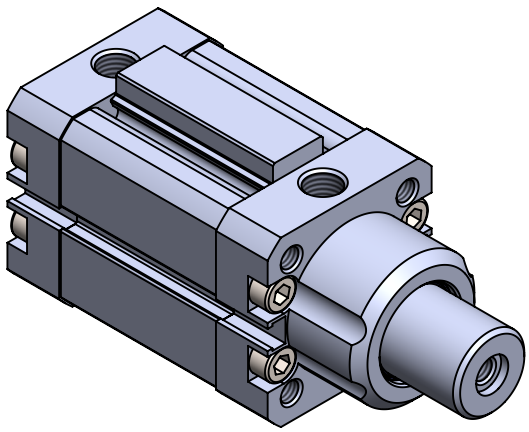
Cylinder Ø mm	A	WH	ZA	ZB	ZC	TG	E	PL	B H9	LB	LA	BG	S	RT	H f7	HA	M H7	M1	M2	M3	EE
12	8	0	43.5	57	30.5	16	28	6.5	9	2.1	3.5	11.5	6	M4	15	13.5	5	M3	1.2	6	M5
16	10	0	45	63	32	18	29	6.5	9	2.1	3.5	11.5	6	M4	19	18	5	M3	1.2	6	M5
20	12	0	45	67	32	22	36	6.5	9	2.1	4.5	11.5	7.5	M5	23	22	5	M3	1.2	6	M5
25	16	0	48	68	35	26	38	6.5	9	2.1	4.5	11.5	7.5	M5	28	20	9	M6	2	11	M5

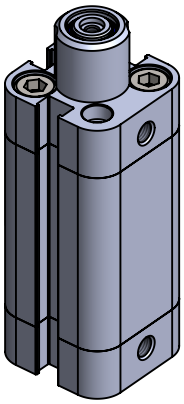




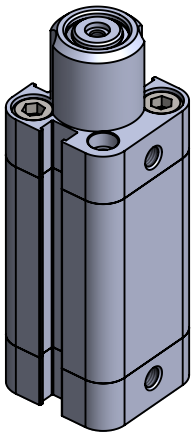


Cylinder Ø mm	A	WH	ZA	ZB	ZC	TG	E	E1	E2	PL	B H9	LB	BG	RT	H	HA	M H7	M1	M2	M3	EE
32	20	0	48	68	33	32.5	46	4.5	14	7.5	6	4	14.5	M6	35	20	9	M6	2	11	G1/8"
40	25	0	52.5	80.5	37.5	38	55	5.5	15	7.5	6	4	14.75	M6	43	28	12	M8	2.5	15.5	G1/8"
50	25	0	54	82	39	46.5	65.5	5	19	7.5	6	4	14.75	M8	51	28	12	M8	2.5	15.5	G1/8"

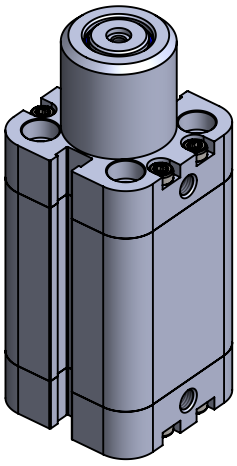




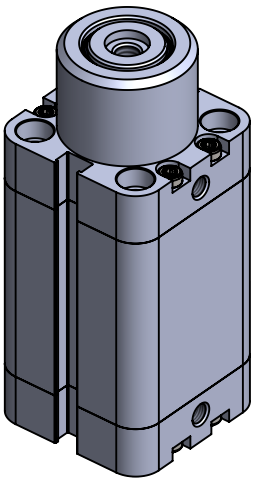
PSC Ø12



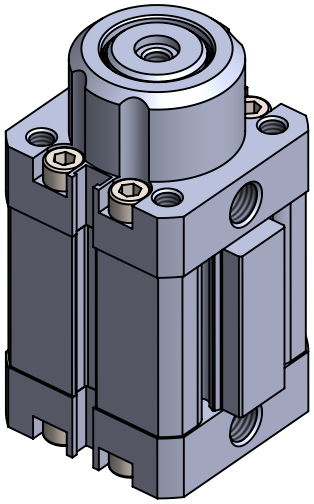
PSC Ø16



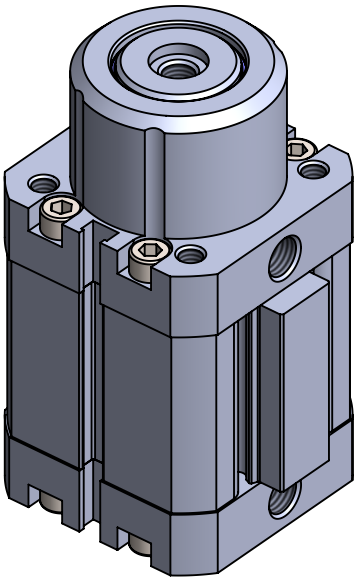
PSC Ø20



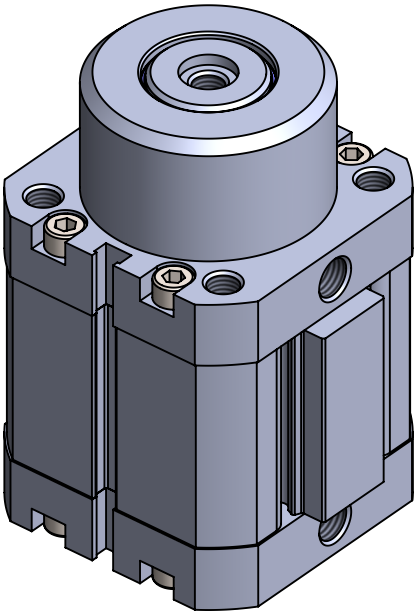
PSC Ø25



PSC Ø32



PSC Ø40



PSC Ø50