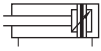
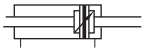


## Double Acting Cylinder

Type CPCD-...  
Adjustable cushioning at both ends  
with magnet for proximity sensing



Type CPCD-...-T  
Through piston rod



Order example:

CPCD - 32 - 50 - T	Options
	Stroke length
	Diameter
	Type

### Technical Data:

Operating medium	Filtered compressed air
Operating pressure	1.5 ... 10 bar
Temperature range	-20 ... + 80 °C
Piston Ø	20, 25, 32, 40, 50, 63, 80 & 100 mm
Stroke length	1 ... 500 mm

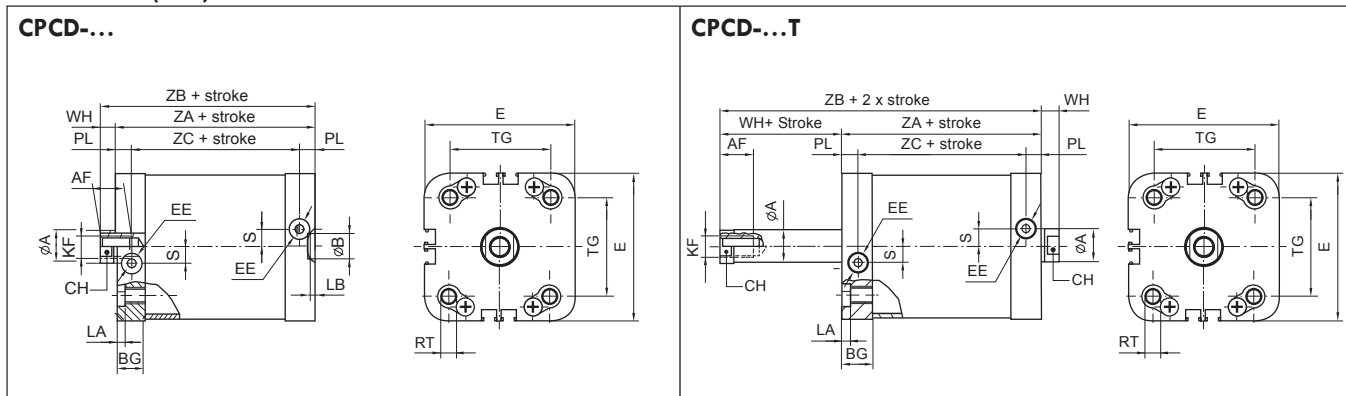
### Materials:

Cylinder barrel	Aluminium, smooth anodised
Piston rod	Ø 20-25 AISI 303 Ø 32-100 Chromium coated steel
Caps, bearing & end	Die-cast aluminium
Piston	Die-cast aluminium
Seals	Polyurethane, nitrile rubber

### Theoretical forces at 6 bar:

Piston Ø (mm)	Advancing force (N)	Retracting force (N)
20	170	127
25	265	222
32	434	373
40	678	617
50	1,060	951
63	1,682	1,573
80	2,713	2,543
100	4,239	3,974

### Dimensions (mm):



Ø (mm)	ØA	CH	AF	WH	ZA	ZB	ZC	KF	EE	BG	TG	E	RT	LA	PL	ØB	LB	S
20	10	9	10	6	37	43	23	M6X1	M5X0.8	14.25	22	36	M5X0.8	3	7	9	2.1	2.5
25	10	9	10	6	39	45	25	M6X1	M5X0.8	14	26	39.5	M5X0.8	3	7	9	2.1	2.5
32	12	10	12	7	44	51	28.5	M8X1.25	G1/8	15.5	32.5	49.5	M6X1	3.5	7.75	9	2.1	6
40	12	10	12	7	45	52	29.5	M8X1.25	G1/8	15.5	38	54	M6X1	3.5	7.75	9	2.1	8
50	16	13	16	8	45	53	29.5	M10X1.5	G1/8	14.5	46.5	69	M8X1.25	4	7.5	12	2.6	8
63	16	13	16	8	49	57	33.5	M10X1.5	G1/8	15.5	56.5	79	M8X1.25	4	7.75	12	2.6	11.5
80	20	17	20	10	54	64	36.5	M12X1.75	G1/8	17.5	72	94.5	M10X1.5	5	8.75	12	2.6	11.5
100	25	21	20	10	67	77	46	M12X1.75	G1/8	21	89	114.5	M10X1.5	5	10.5	12	2.6	20