



Series 6500

Construction characteristics

Body	anodized aluminium
Piston rod bushings	sintered bronze
Rear end cap	anodized aluminium
Seals	oil resistant NBR rubber
Piston	Brass
Cushioning washer	PUR
Piston rod	stainless steel

Operational characteristics

Fluid	filtered and lubricated air or not (if lubricated the lubrication must be continuous)
Max. working pressure	7 bar
Working temperature	-5 °C ... +70 °C
Minimum working pressure	0.6 bar (for bore Ø10 - Ø16) 0.5 bar (for bore Ø20 - Ø25)
Cushioning	with elastic bumper
Stroke tolerance	+1 / 0 mm
Piston speed	50 ... 500 mm/s (without load)

3

Standard strokes

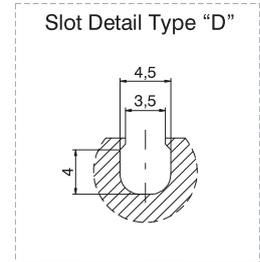
Bore	Stroke							
	5	10	15	20	25	30	40	50
Ø10	●	●	●	●	●	●		
Ø16	●	●	●	●	●	●		
Ø20	●	●	●	●	●	●	●	●
Ø25	●	●	●	●	●	●	●	●

PNEUMATIC ACTUATION

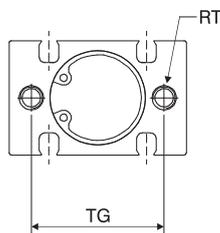
Multimount cylinders

Coding: 6500.Ø.C.1.P

Ø	BORE
	10 = Ø10
	16 = Ø16
	20 = Ø20
C	STROKE
	5 = 5 mm
	10 = 10 mm
	15 = 15 mm
	20 = 20 mm
	25 = 25 mm
	30 = 30 mm
P	PISTON
	= non-magnetic
	M = magnetic



Overall dimensions



*Ø10: n° 2 piston rod nuts
Ø16: n° 1 piston rod nut

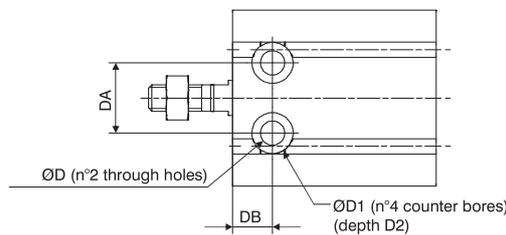
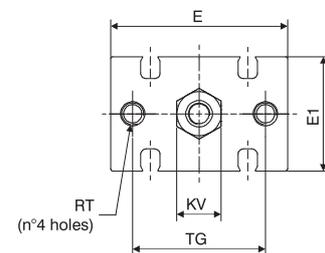
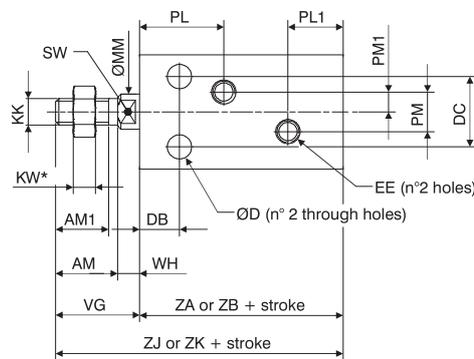


Table of dimensions

Bore	Ø10	Ø16	Ø20	Ø25	
AM	/	12,5	14	18	
AM1	10	11	12	15,5	
ØD	Ø3,2	Ø4,5	Ø5,5	Ø5,5	
ØD1	Ø6	Ø7,6	Ø9,3	Ø9,3	
D2	5	6,5	8	9	
DA	11	14	16	20	
DB	7	7	9	10	
DC	9	12	16	20	
E	24	32	40	50	
E1	15	20	26	32	
EE	M5	M5	M5	M5	
KK	M4	M5	M6	M8	
KV	7	8	10	13	
KW	3	4	5	5	
ØMM	Ø4	Ø6	Ø8	Ø10	
PL	16,5	16,5	19	21,5	
PL1	10	11,5	12,5	13	
PM	/	4	9	9	
PM1	/	2	4,5	4,5	
RT	M3 (useful depth 5)	M4 (useful depth 6)	M5 (useful depth 8)	M5 (useful depth 8)	
SW	/	5	6	8	
TG	18	25	30	38	
VG	16	16	19	23	
WH	/	3,5	5	5	
ZA magnetic	36	40	46	50	
ZB non magnetic	36	30	36	40	
ZJ magnetic	52	56	65	73	
ZK non magnetic	52	46	55	63	
Weight (g)	Stroke 0	32	44	84	159
	every 5 mm	4	6	11	17