

DOUBLE ACTING PNEUMATIC CYLINDERS SERIES PDSW



STRÁNSKÝ A PETRŽÍK



This series of cylinders with fully adjustable cushioning at both ends and with magnetic piston for proximity switches, is direct replacement for cylinders of DSW series of other producers.

Working pressure	0,6 MPa
Min. pressure	0,15 MPa
Max. pressure	1,0 MPa
Temp. range	-20°C to +80°C *
Working medium	modified compressed air

*) values are valid for standard gaskets

Piston diameter [mm]	32	40	50	63
Thrust at 0.6 MPa [N]	482	754	1178	1870
Thrust at 0.6 MPa [N] with double ended piston rod	415	633	990	1682
Return force at 0.6 MPa [N]	415	633	990	1682
Connection	G1/8"	G1/4"	G1/4"	G3/8"
Length of adjustable cushioning [mm]	13	14	11	16
Max. stroke [mm] *	1000*	1000*	1000*	1000*
Weight 0 mm stroke [kg]	0.43	0.90	1.10	1.70
Weight add. per 1 mm stroke [kg]	0.0015	0.002	0.002	0.004
Weight 0 mm stroke [kg] with double ended piston rod	0.56	1.23	1.33	1.80
Weight add. per 1 mm stroke [kg] with dbl. ended piston rod	0.0024	0.004	0.004	0.0065

*) Stroke of cylinder may be longer after agreement with our technical dept.

Order codes

11301 60 00 050 0100

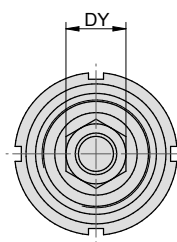
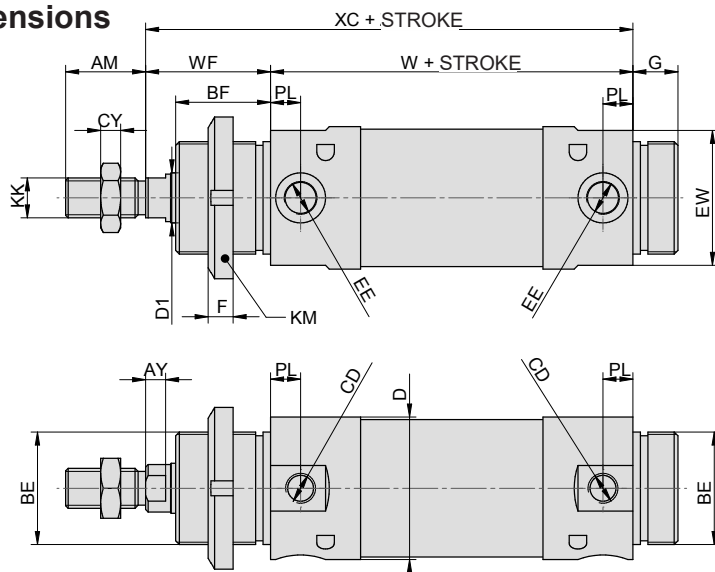
Type	Equipment	Options	Piston diameter	Stroke / Repair kit
11301 double acting	60 with cushioning, with magnet	00 without options	032 32 mm	xxxx mm of stroke e.g.: 0100 = stroke 100 mm
	65 with double ended piston rod, with cushioning, with magnet	14 1.4301 stainless steel piston rod	040 40 mm	9999 repair kit
			050 50 mm	
			063 63 mm	

For more options regarding materials or dimensions, please contact our technical dept.

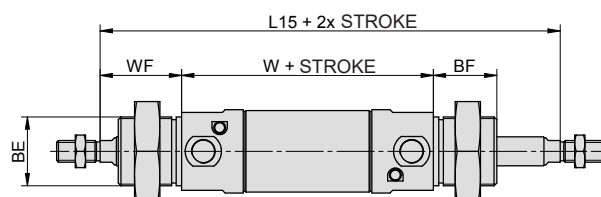
Construction / materials

- caps: anodized dural
- body: drawn dural tube, anodized
- piston rod: grounded round steel bar CK45 with hard chrome plated surface

Dimensions

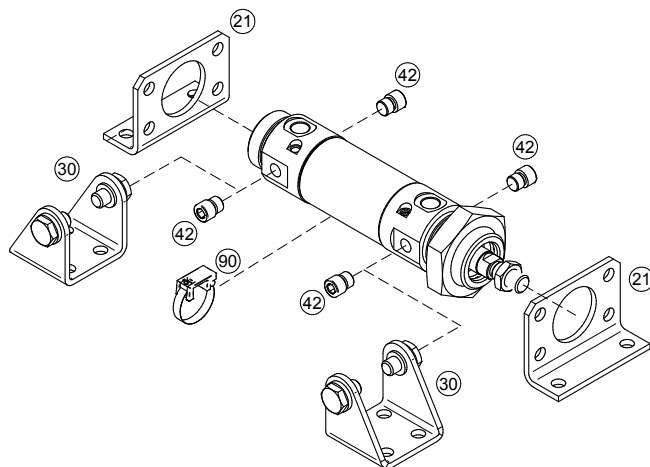


Double ended piston rod:
(other dimensions are the same as standard type)



Ø	AM	AY	BE	BF	BY	CD	CY	D	DY	D1	EE	EW	F	G	KK	KM	L15	PL	W	WF	XC	Y
32	20	4	M30x1.5	30	10	M8x1	5	38	16	12	G1/8"	35	7	14	M10	6	172	9	96	38	134	47
40	24	6.5	M38x1.5	35	12	M10x1	6	46	18	16	G1/4"	43	14	16	M12	M38x1.5	204	12	113	45	158	57
50	32	8	M45x1.5	38	16	M12x1.5	8	57	24	20	G1/4"	54	10	18	M16	9	220	12	120	50	170	62
63	32	8	M45x1.5	38	16	M14x1.5	8	70	24	20	G3/8"	67	10	18	M16	9	224	13	124	50	174	63

Mounting accessories



Mounting accessories	... see page
21 Foot mounting	... 4-25
30 Swivel flange	... 4-25
42 Socket screw	... 4-25
90 Proximity switch	... 3-2, 3-4