DOUBLE ACTING PNEUMATIC CYLINDERS DIN ISO 6432 WITH PRESSED-IN TUBE

STRÁNSKÝ A PETRŽÍK

Cylinders are designed to meet the specifications of international standard ISO 6432. The cylinders can work in higher temperatures by request. Fully adjustable cushioning at end of stroke is available for diameters 20 and 25 mm, diameters 16 mm and less are without cushioning at the end of stroke. Cylinders with pressed-in tube can't be disassembled.

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]	8	10	12	16	20	25
Thrust at 0.6 MPa [N]	30	47	66	121	188	295
Thrust at 0.6 MPa [N] with double ended piston rod	22	39	50	102	158	248
Return force at 0.6 MPa [N]	22	39	50	102	158	248
Connection	M5	M5	M5	M5	G1/8“	G1/8“
Length of adjustable cushioning [mm]	—	—	—	—	11	9
Max. stroke [mm] *	200*	200*	300*	300*	300*	500*
Weight 0 mm stroke [kg]	0.04	0.04	0.06	0.07	0.17	0.22
Weight add. per 1 mm stroke [kg]	0.0006	0.0006	0.0005	0.0008	0.0010	0.0013
Weight 0 mm stroke [kg] with double ended piston rod	0.04	0.04	0.06	0.07	0.20	0.30
Weight add. per 1 mm stroke [kg] with double ended piston rod	0.0006	0.0006	0.0006	0.0009	0.0014	0.0020

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

Order codes

11201 60 00 020 0100

Type	
11201	to DIN ISO 6432, double acting, with pressed-in tube

Equipment	
00	w/o cushioning, w/o magnet
05	with double ended piston rod, w/o cushioning, w/o magnet
10[1)]	w/o cushioning, with magnet
15[1)]	with double ended piston rod, w/o cushioning, with magnet
50[2)]	with cushioning, w/o magnet
55[2)]	with double ended piston rod, with cushioning, w/o magnet
60[2)]	with cushioning, with magnet
65[2)]	with double ended piston rod, with cushioning, with magnet

Options	
00	without options
14	1.4301 stainless steel piston rod

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

Piston diameter	
008	8 mm
010	10 mm
012	12 mm
016	16 mm
020	20 mm
025	25 mm

Stroke	
xxxx	mm of stroke e.g.: 0100 = stroke 100 mm

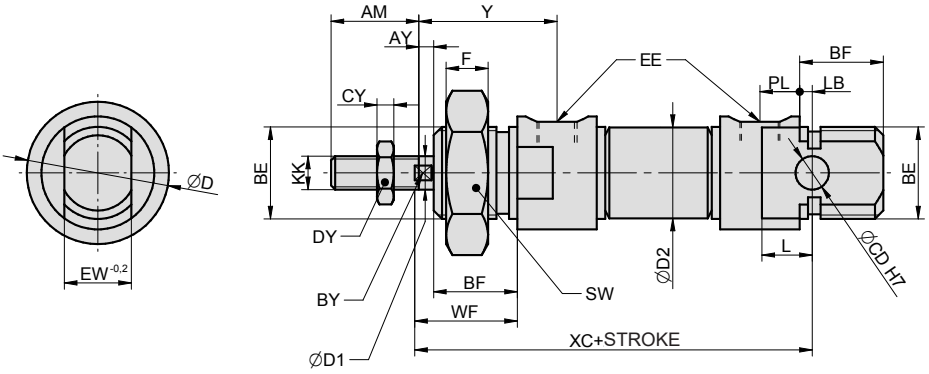
1) For piston dia. 12 mm and more
2) For piston dia. 20 mm a and more

There is no repair kit for cylinders with pressed-in tube - these cylinders can't be disassembled

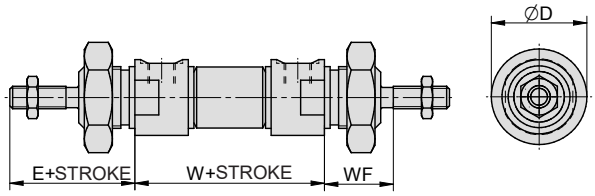
Construction / materials

- caps: anodized dural
- body: drawn stainless steel tube 1.4301
- piston rod: grounded round steel bar CK45 with hard chrome plated surface

Dimensions

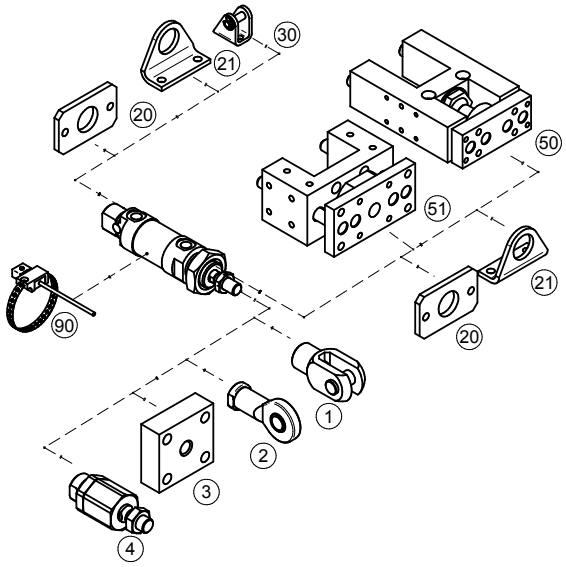


Double ended piston rod: other dimensions are the same as standard type)



∅	AM	AY	BE	BF	BY	CD	CY	D	D1	D2	DY	E	EE	EW	F	KK	L	LB	PL	SW	WF	XC	Y	W
8	12	3	M12x1.25	12	3	4	3	15	4	9.3	7	28	M5	8	7	M4	9	3	5	18	16	64	21	45
10	12	3	M12x1.25	12	3	4	3	15	4	11.3	7	28	M5	8	7	M4	9	3	5	18	16	64	21	45
12	16	3	M16x1.5	15	5	6	3	19	6	13.3	10	36	M5	12	8	M6	10	4	5	24	20	75	25	45
16	16	3	M16x1.5	15	5	6	3	20	6	17.3	10	36	M5	12	8	M6	11	5	5	24	20	82	25	50
20	20	4	M22x1.5	20	7	8	6	27	8	21.3	13	44.5	G1/8“	16	10	M8	12	3	9.5	34	24.5	95	34	67.5
25	22	4	M22x1.5	20	9	8	6	32	10	26.5	17	47	G1/8“	16	10	M10x1.25	12	4	10	34	25.5	104	35	75

Mounting accessories



Mounting accessories	... see page
1 Piston rod clevis	... 4-2
2 Piston rod eye	... 4-3
3 Flanged piston rod coupling	... 4-2
4 Self-aligning piston rod coupling	... 4-3
20 Flange mounting	... 4-20
21 Foot mounting	... 4-20
30 Swivel flange	... 4-20
50 Guide unit H with ball bearings	... 4-21
51 Guide unit with slide bearings	... 4-22
90 Prox. switch	... 3-2, 3-4