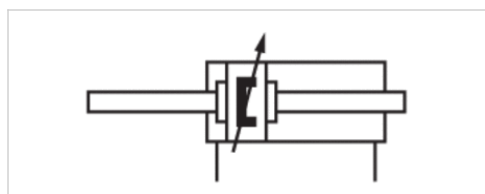


Tie rod cylinder, CNOMO NFE 49-001, Series C12P

- Ø 32-200 mm
- Ports G 1/8 G 1/4 G 3/8 G 1/2 G 3/4
- double-acting
- with magnetic piston
- Cushioning pneumatically adjustable
- Piston rod External thread
- Piston rod through
- Optionally heat-resistant



Standards	CNOMO / NFE 49-001
Compressed air connection	Internal thread
Working pressure min./max.	2 ... 10 bar
Ambient temperature min./max.	-20 ... 80 °C
Medium temperature min./max.	-20 ... 80 °C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 ... 5 mg/m³
Pressure for determining piston forces	6.3 bar



Technical data

Piston Ø Piston rod thread Ports Piston rod Ø	32 mm M10x1,5 G 1/8 12 mm	40 mm M16x1,5 G 1/4 18 mm	50 mm M16x1,5 G 1/4 18 mm	63 mm M16x1,5 G 1/4 22 mm	80 mm M20x1,5 G 3/8 22 mm	100 mm M27x2 G 1/2 30 mm
Stroke 25	7472402181	7472023529	R422703905	-	-	-
50	7472021550	7472022041	7471324420	7471326289	7472406150	R422708943
75	7471317888	7472022042	7471310083	-	-	7471324896
80	7472023405	7472023994	-	-	-	-
100	7471312799	7472022040	7471317521	7472023562	-	7471311782
125	R422702965	-	R422700407	7471325319	-	-
150	-	7471317115	7471324774	7471321341	7471317054	7471323790
200	R422710055	7472025980	7471322385	7472023563	7471315154	7472022039
250	R422711629	-	7471320419	-	7471314450	7471326059
300	-	R422703040	7471321031	-	R422710174	-
350	-	-	R422703927	-	7472414071	-
400	-	7471325091	7471318216	R422705208	7471323908	7472411264
450	7472020401	-	-	7471326742	-	-

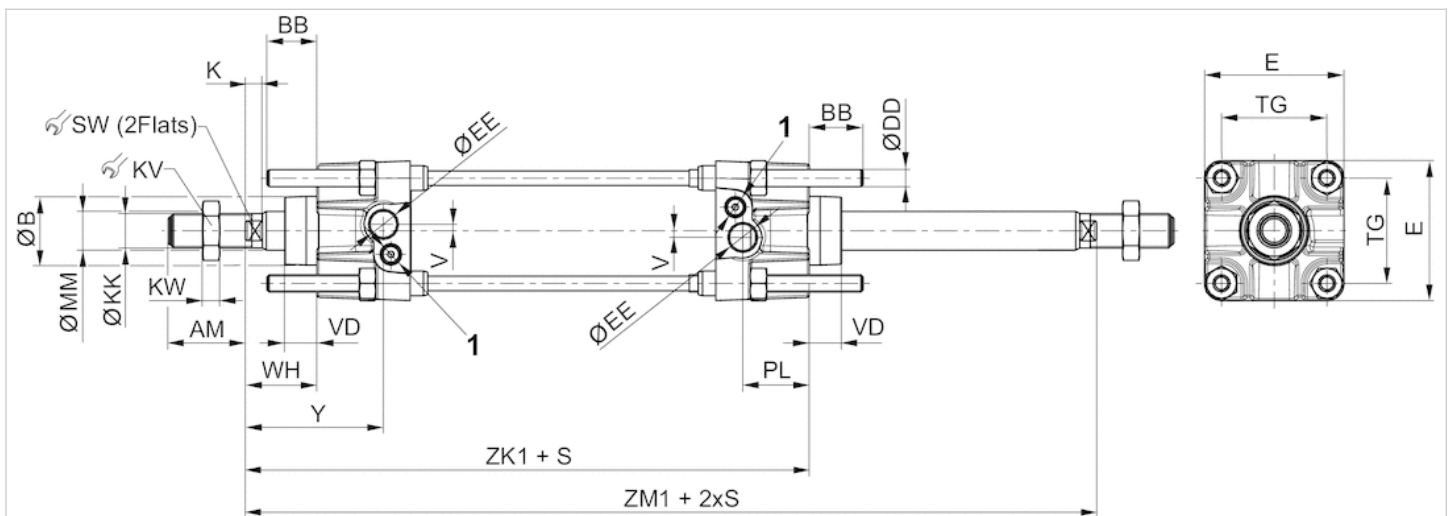
Optional heat-resistant variants are suitable for applications at temperatures up to 120 °C and do not have a magnetic piston. You will find the order key and all valid configurations (customer information) in the Media Centre.

Technical information

Material	
Cylinder tube	Aluminum, anodized
Piston rod	Stainless steel
Front cover	Aluminum
End cover	Aluminum
Seal	Polyurethane
Nut for piston rod	Steel, galvanized
Tie-rods	Stainless steel

Dimensions

Dimensions



1) Flow control screw
S=stroke

Dimensions

Piston Ø	AM	BB	Ø B e9	Ø DD	E	Ø EE	K	Ø KK	KV	KW	Ø MM	PL	SW	TG	V	VD	WH	Y
32 mm	20	17	25	M6	45	G1/8	6	M10x1,5	17	5	12	15	8	33	-	15	25	44
40 mm	36	17	32	M6	52	G1/4	8	M16x1,5	24	8	18	31	13	40	3	15	34	65
50 mm	36	23	32	M8	65	G1/4	8	M16x1,5	24	8	18	31	13	49	3	15	34	65
63 mm	46	23	45	M8	75	G3/8	10	M20x1,5	30	10	22	32	17	59	5	20	39	71
80 mm	46	28	45	M10	95	G3/8	10	M20x1,5	30	10	22	32	17	75	9	20	39	71
100 mm	63	28	55	M10	115	G1/2	16	M27x2	41	13.5	30	37	22	90	-	20	47	84
125 mm	63	34	55	M12	140	G1/2	16	M27x2	41	13.5	30	37	22	110	-	20	47	84
160 mm	85	42	65	M16	180	G3/4	16	M36x2	55	18	40	45	32	140	-	25	50	95
200 mm	85	42	65	M16	220	G3/4	16	M36x2	55	18	40	45	32	175	-	25	50	95