

AVENTICS Series C12P Tie rod cylinders



AVENTICS™

AVENTICS Series C12P Tie rod
cylinders



Series C12P

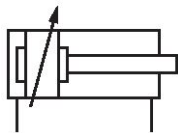
The AVENTICS Series C12P is a cylinder Series according the standard CNOMO NFE 49-001 and offer a replacement for existing application.

- Tie rod cylinder CNOMO NFE 49-001
- According to NFE 49-001
- Ø 25 ... 200 mm
- Max. stroke: 2300 mm
- Robust design
- Optional: through piston rod, heat resistant



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

CNOMO / NFE 49-001
Profile and tie rod cylinders
Industry standard
single
Piston without magnet
Pneumatic adjustable cushioning
External thread
Internal thread
Double-acting
Optionally heat-resistant



Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
25	25	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	238	309	7472021375
25	50	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	238	309	7471323938
25	75	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	238	309	7471326291
25	100	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	238	309	7472021306
25	125	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	238	309	7472021423
25	150	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	238	309	7471325225
25	200	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	238	309	7472021307
25	250	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	238	309	7472021425
25	300	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	238	309	7472410994
25	350	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	238	309	7472021270
25	400	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	238	309	7472401648
25	500	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	238	309	7472415190

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
32	25	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	435	507	7472022357
32	50	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	435	507	7472407255
32	75	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	435	507	7471323019
32	100	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	435	507	7472022359
32	125	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	435	507	7472415023
32	150	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	435	507	7472020278
32	200	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	435	507	7472406069
32	250	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	435	507	7472408135
32	300	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	435	507	7472407872
32	350	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	435	507	7472415302
32	500	G 1/8	Pneumatic adjustable cushioning	Piston with- out magnet	M10x1,5	Standard Industry Scraper	435	507	7471323208
40	25	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	7472406622
40	50	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	7471323782
40	75	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	7471323635
40	100	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	7471323351
40	125	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	R422701702
40	150	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	7472406392
40	200	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	7471327025

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
40	250	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	7472408589
40	300	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	7471323634
40	350	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	7472411100
40	400	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	7472407010
40	450	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	7471324059
40	500	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	600	792	7472409157
50	25	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472409225
50	50	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472022353
50	75	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	7471314844
50	80	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472410143
50	100	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	7471325013
50	125	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472406738
50	150	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472020771
50	200	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472406297
50	250	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472406739
50	300	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472410346
50	350	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	R422701688
50	400	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472409603

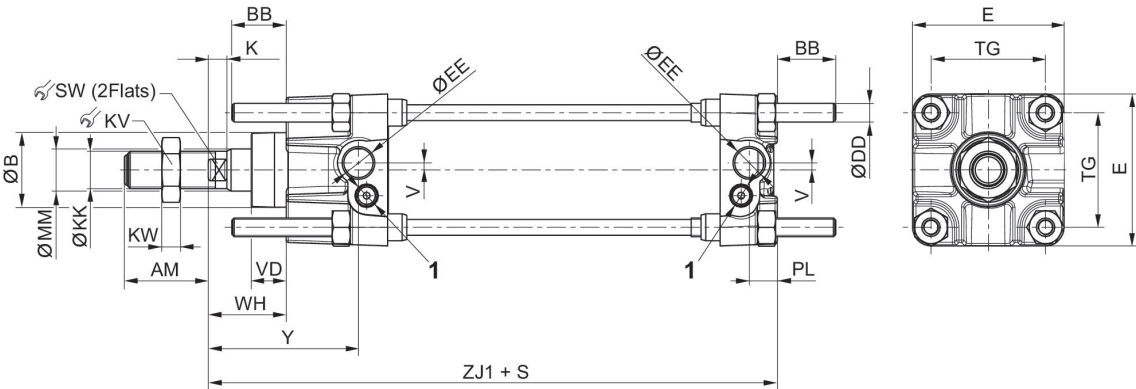
Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
50	500	G 1/4	Pneumatic adjustable cushioning	Piston with- out magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472409483
63	25	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	1724	1964	R422700862
63	50	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	1724	1964	7472408333
63	75	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	1724	1964	7471323636
63	80	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	1724	1964	7471325687
63	100	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	1724	1964	7471323565
63	125	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	1724	1964	7471323564
63	150	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	1724	1964	7472405191
63	200	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	1724	1964	7471317716
63	250	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	1724	1964	7471324119
63	300	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	1724	1964	7472409996
63	400	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	1724	1964	7472409320
63	500	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	1724	1964	R422702553
80	25	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	R422702161
80	50	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472407308
80	75	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472413875
80	80	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	R422702930
80	100	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	R422711132

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
80	125	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	R422701689
80	150	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472407112
80	200	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	7471325322
80	250	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472406380
80	300	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	R422710660
80	350	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472408586
80	400	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472407310
80	450	G 3/8	Pneumatic adjustable cushioning	Piston with- out magnet	M20x1,5	Standard Industry Scraper	2927	3167	R422702463
100	25	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7472407578
100	50	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7472406603
100	75	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7471322980
100	80	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	R422706127
100	100	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7472406081
100	125	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7471323871
100	150	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7472406273
100	200	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7472407023
100	250	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7471325321
100	300	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7472025400

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
100	350	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7471323563
100	400	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7472406082
100	450	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7472022334
100	500	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	4503	4948	7471326316
125	25	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	R422709969
125	50	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	7472408335
125	75	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	7471325478
125	80	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	7472409363
125	100	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	7472023817
125	125	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	7471323873
125	150	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	7471325104
125	200	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	R422705433
125	250	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	7471323026
125	300	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	7472406294
125	350	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	7472410120
125	400	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	R422703534
125	450	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	7472408587
125	500	G 1/2	Pneumatic adjustable cushioning	Piston with- out magnet	M27x2	Standard Industry Scraper	7286	7731	7471323826

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
160	50	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	11875	12667	7472408336
160	75	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	11875	12667	7472406019
160	100	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	11875	12667	7472408334
160	125	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	11875	12667	7471323872
160	150	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	11875	12667	7472407361
160	200	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	11875	12667	R422705841
160	250	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	11875	12667	7471315415
160	300	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	11875	12667	7472411971
160	400	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	11875	12667	R422705879
160	500	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	11875	12667	7472414254
200	50	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	19000	19792	7472408337
200	75	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	19000	19792	7471326900
200	100	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	19000	19792	7472408338
200	125	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	19000	19792	7472020636
200	150	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	19000	19792	7471305476
200	200	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	19000	19792	7472408625
200	400	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	19000	19792	7472023503
200	500	G 3/4	Pneumatic adjustable cushioning	Piston with- out magnet	M36x2	Standard Industry Scraper	19000	19792	7472406281

Dimensions



1) Flow control screw
S=stroke

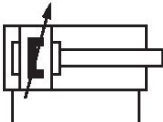
Piston Ø	AM	BB	Ø B e9	Ø DD	E	Ø EE	K	Ø KK	KV	KW
25	20	17	25	M6	40	G1/8	6	M10x1,5	17	5
32	20	17	25	M6	45	G1/8	6	M10x1,5	17	5
40	36	17	32	M6	52	G1/4	8	M16x1,5	24	8
50	36	23	32	M8	65	G1/4	8	M16x1,5	24	8
63	46	23	45	M8	75	G3/8	10	M20x1,5	30	10
80	46	28	45	M10	95	G3/8	10	M20x1,5	30	10
100	63	28	55	M10	115	G1/2	16	M27x2	41	13,5
125	63	34	55	M12	140	G1/2	16	M27x2	41	13,5
160	85	42	65	M16	180	G3/4	16	M36x2	55	18
200	85	42	65	M16	220	G3/4	16	M36x2	55	18

Piston Ø	Ø MM	PL	SW	TG	V	VD	WH	Y	ZJ1
25	12	9	8	28	-	15	25	44	105
32	12	9	8	33	-	15	25	44	105
40	18	12	13	40	3	15	34	65	144
50	18	12	13	49	3	15	34	65	144
63	22	14	17	59	5	20	39	71	164
80	22	14	17	75	9	20	39	71	164
100	30	18	22	90	-	20	47	84	192
125	30	18	22	110	-	20	47	84	192
160	40	35	32	140	-	20*	80	115	260
200	40	35	32	175	-	20*	80	115	260

* Dimension is 5 mm shorter than according to CNOMO NFE 49-001

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

CNOMO / NFE 49-001
Profile and tie rod cylinders
Industry standard
single
Piston with magnet
Pneumatic adjustable cushioning
External thread
Internal thread
Double-acting



Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet-ic piston	Piston rod thread	Scraper	Retract-ing pis-ton force [N]	Extract-ing pis-ton force [N]	Part No.
32	25	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	7472404382
32	50	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	7472020373
32	75	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	7472011002
32	80	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	7471318835
32	100	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	7472023181
32	125	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	7472408151
32	150	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	R422702876
32	200	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	R422701368
32	300	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	7471312499
32	350	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	7471314851
32	400	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	7471313425
40	25	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	7472414609
40	50	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	7471322877

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
40	75	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	7472012002
40	80	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	R422702911
40	100	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	7471321388
40	125	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	7471315903
40	150	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	7472408158
40	200	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	7471318717
40	250	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	R422702877
40	300	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	7471326645
40	350	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	7471326094
40	400	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	7472408161
40	450	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	7472403842
40	500	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	7471320525
50	25	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472408174
50	50	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	7471310407
50	75	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472013002
50	80	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	7471311603
50	100	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	7471313232
50	125	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472020079

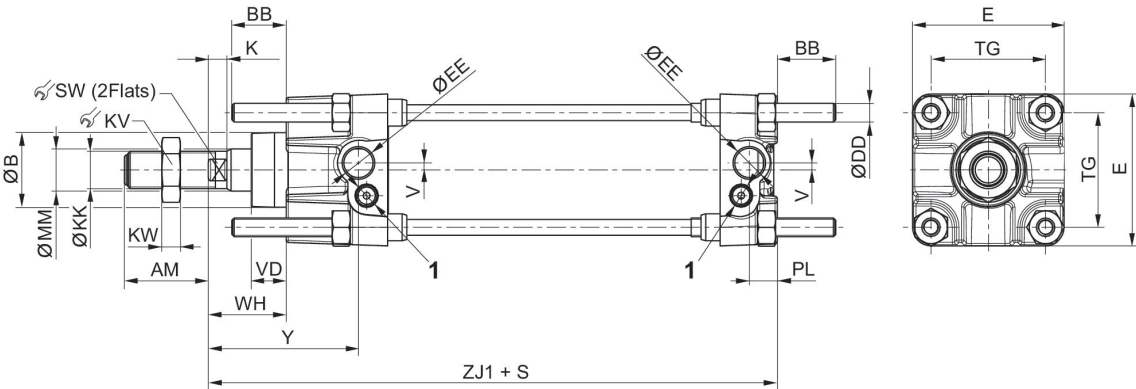
Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
50	150	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	7471315002
50	200	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	R422701344
50	250	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472408176
50	300	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	R422702811
50	350	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	7471319643
50	400	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472408179
50	450	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472404259
50	500	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	7472411255
63	25	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	R422702945
63	50	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	7471315000
63	75	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	7472014002
63	80	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	R422705004
63	100	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	7472407475
63	150	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	7472408187
63	200	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	7471318262
63	300	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	7472414341
63	350	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	7472405557
63	400	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	7472408189

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
63	450	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	7472404354
63	500	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	R422703385
80	25	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472408202
80	50	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472408249
80	75	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472015001
80	80	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472408200
80	100	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472408362
80	125	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472415199
80	150	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472406097
80	200	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	R422709529
80	250	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	7471318287
80	300	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	7471314123
80	350	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472408196
80	400	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	7471326646
80	500	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	7472407113
100	25	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4948	7471316187
100	50	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4948	7472408250
100	75	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4948	7472016000

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
100	100	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4948	7472408141
100	125	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4948	R422701648
100	200	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4948	7471314208
100	350	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4948	7472415026
100	450	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4948	7472020146
100	500	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4948	R422709968
125	25	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	R422703160
125	50	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	7472408219
125	75	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	7472017000
125	100	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	7471316303
125	125	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	7472408214
125	150	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	R422709768
125	200	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	7472408217
125	300	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	7471314424
125	350	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	7472411257
125	400	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	7472408218
125	500	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	R422703390
160	50	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	11875	12667	7472408208

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
160	75	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	11875	12667	7472018014
160	100	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	11875	12667	7472408363
160	125	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	11875	12667	7472411000
160	150	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	11875	12667	7472408207
160	300	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	11875	12667	7472408137
160	400	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	11875	12667	7472406567
160	500	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	11875	12667	7472408209
200	50	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	19000	19792	7472408361
200	75	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	19000	19792	7472019014
200	100	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	19000	19792	7472408364
200	125	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	19000	19792	7472408203
200	200	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	19000	19792	R422702875
200	300	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	19000	19792	7472409554
200	400	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	19000	19792	7472408205
200	500	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	19000	19792	7472408206

Dimensions



1) Flow control screw
S=stroke

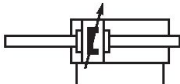
Piston $\varnothing$	AM	BB	$\varnothing B e9$	$\varnothing DD$	E	$\varnothing EE$	K	$\varnothing KK$	KV	KW
32	20	17	25	M6	45	G1/8	6	M10x1,5	17	5
40	36	17	32	M6	52	G1/4	8	M16x1,5	24	8
50	36	23	32	M8	65	G1/4	8	M16x1,5	24	8
63	46	23	45	M8	75	G3/8	10	M20x1,5	30	10
80	46	28	45	M10	95	G3/8	10	M20x1,5	30	10
100	63	28	55	M10	115	G1/2	16	M27x2	41	13.5
125	63	34	55	M12	140	G1/2	16	M27x2	41	13.5
160	85	42	65	M16	180	G3/4	16	M36x2	55	18
200	85	42	65	M16	220	G3/4	16	M36x2	55	18

Piston $\varnothing$	$\varnothing MM$	PL	SW	TG	V	VD	WH	Y	ZJ1
32	12	9	8	33	-	15	25	44	105
40	18	12	13	40	3	15	34	65	144
50	18	12	13	49	3	15	34	65	144
63	22	14	17	59	5	20	39	71	164
80	22	14	17	75	9	20	39	71	164
100	30	18	22	90	-	20	47	84	192
125	30	18	22	110	-	20	47	84	192
160	40	35	32	140	-	20*	80	115	260
200	40	35	32	175	-	20*	80	115	260

* Dimension is 5 mm shorter than according to CNOMO NFE 49-001

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

CNOMO / NFE 49-001
Profile and tie rod cylinders
Industry standard
through
Piston with magnet
Pneumatic adjustable cushioning
External thread
Internal thread
Double-acting
Optionally heat-resistant



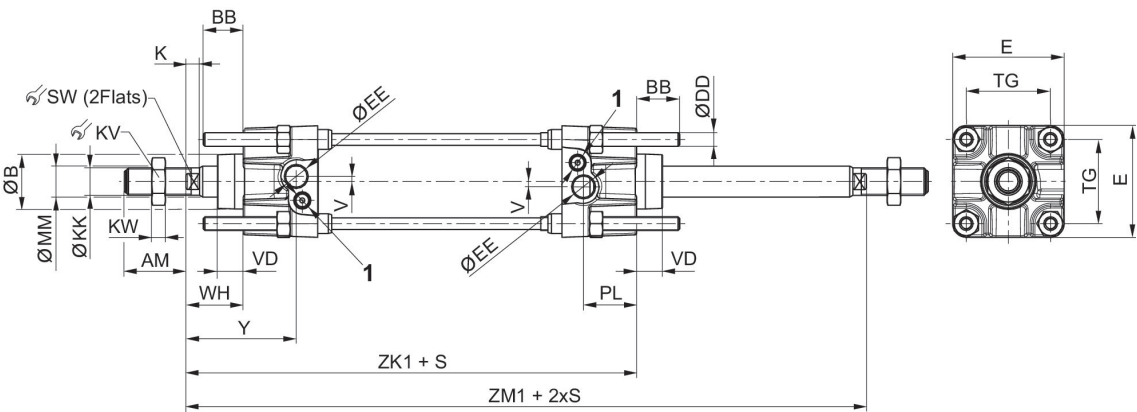
Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
32	25	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	435	7472402181
32	50	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	435	7472021550
32	75	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	435	7471317888
32	80	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	435	7472023405
32	100	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	435	7471312799
32	125	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	435	R422702965
32	200	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	435	R422710055
32	250	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	435	R422711629
32	450	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	435	7472020401
40	25	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	600	7472023529
40	50	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	600	7472022041
40	75	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	600	7472022042
40	80	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	600	7472023994

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
40	100	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	600	7472022040
40	150	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	600	7471317115
40	200	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	600	7472025980
40	300	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	600	R422703040
40	400	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	600	7471325091
50	25	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1077	R422703905
50	50	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1077	7471324420
50	75	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1077	7471310083
50	100	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1077	7471317521
50	125	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1077	R422700407
50	150	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1077	7471324774
50	200	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1077	7471322385
50	250	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1077	7471320419
50	300	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1077	7471321031
50	350	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1077	R422703927
50	400	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1077	7471318216
50	500	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1077	R422709680
63	50	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1724	1724	7471326289

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
63	100	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1724	1724	7472023562
63	125	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1724	1724	7471325319
63	150	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1724	1724	7471321341
63	200	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1724	1724	7472023563
63	400	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1724	1724	R422705208
63	450	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1724	1724	7471326742
63	500	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1724	1724	7471321871
80	50	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	2927	7472406150
80	150	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	2927	7471317054
80	200	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	2927	7471315154
80	250	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	2927	7471314450
80	300	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	2927	R422710174
80	350	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	2927	7472414071
80	400	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	2927	7471323908
80	500	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	2927	7472024901
100	50	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4503	R422708943
100	75	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4503	7471324896
100	100	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4503	7471311782

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
100	150	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4503	7471323790
100	200	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4503	7472022039
100	250	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4503	7471326059
100	400	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4503	7472411264
125	100	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7286	7471326797
125	150	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7286	7471326351
125	200	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7286	7472020130
125	250	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7286	R422702924
125	300	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7286	7471313096
160	50	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	11875	11875	R422715098
160	100	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	11875	11875	R422715099
200	50	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	19000	19000	R422715100
200	100	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper			R422715101

Dimensions



1) Flow control screw
S=stroke

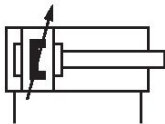
Piston Ø	AM	BB	Ø B e9	Ø DD	E	Ø EE	K	Ø KK	KV	KW
32	20	17	25	M6	45	G1/8	6	M10x1,5	17	5
40	36	17	32	M6	52	G1/4	8	M16x1,5	24	8
50	36	23	32	M8	65	G1/4	8	M16x1,5	24	8
63	46	23	45	M8	75	G3/8	10	M20x1,5	30	10
80	46	28	45	M10	95	G3/8	10	M20x1,5	30	10
100	63	28	55	M10	115	G1/2	16	M27x2	41	13.5
125	63	34	55	M12	140	G1/2	16	M27x2	41	13.5
160	85	42	65	M16	180	G3/4	16	M36x2	55	18
200	85	42	65	M16	220	G3/4	16	M36x2	55	18

Piston Ø	Ø MM	PL	SW	TG	V	VD	WH	Y	ZK1	ZM1
32	12	15	8	33	-	15	25	44	115	140
40	18	31	13	40	3	15	34	65	163	197
50	18	31	13	49	3	15	34	65	163	197
63	22	32	17	59	5	20	39	71	182	221
80	22	32	17	75	9	20	39	71	182	221
100	30	37	22	90	-	20	47	84	211	258
125	30	37	22	110	-	20	47	84	211	258
160	40	55	32	140	-	20*	80	115	260	300
200	40	55	32	175	-	20*	80	115	260	300

* Dimension is 5 mm shorter than according to CNOMO NFE 49-001

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

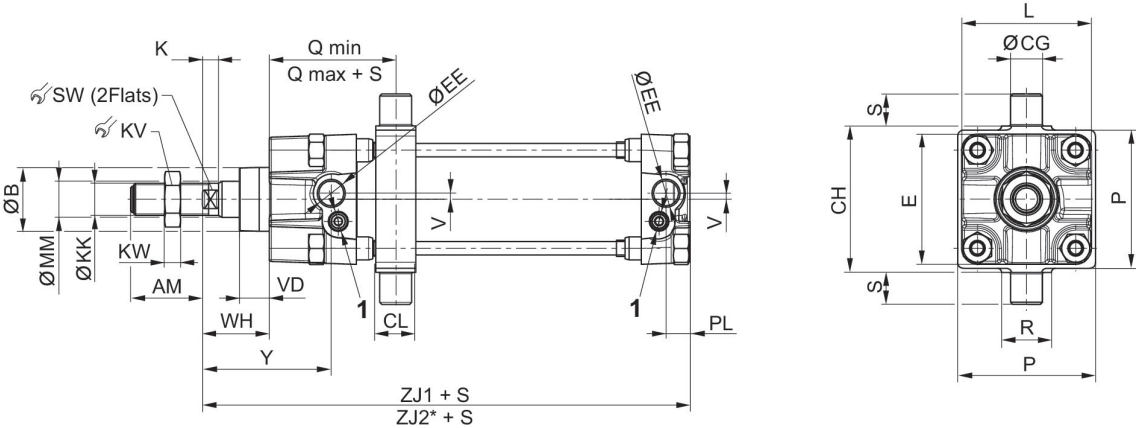
CNOMO / NFE 49-001
Profile and tie rod cylinders
Industry standard
with trunnion mounting
single
Piston with magnet
Pneumatic adjustable cushioning
External thread
Internal thread
Double-acting
Optionally heat-resistant



Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
25	25	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	238	309	R422715102
25	50	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	238	309	R422715103
32	25	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	R422715104
32	50	G 1/8	Pneumatic adjustable cushioning	Piston with magnet	M10x1,5	Standard Industry Scraper	435	507	R422715105
40	25	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	R422715106
40	50	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	600	792	R422715107
50	25	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	R422715108
50	50	G 1/4	Pneumatic adjustable cushioning	Piston with magnet	M16x1,5	Standard Industry Scraper	1077	1237	R422715109
63	25	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	R422715110
63	50	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	1724	1964	R422715111
80	50	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	R422715112
80	100	G 3/8	Pneumatic adjustable cushioning	Piston with magnet	M20x1,5	Standard Industry Scraper	2927	3167	R422715113

Piston Ø [mm]	Stroke [mm]	Ports	Cushioning	Magnet- ic piston	Piston rod thread	Scraper	Retract- ing pis- ton force [N]	Extract- ing pis- ton force [N]	Part No.
100	50	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4948	R422715114
100	100	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	4503	4948	R422715115
125	50	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	R422715116
125	100	G 1/2	Pneumatic adjustable cushioning	Piston with magnet	M27x2	Standard Industry Scraper	7286	7731	R422715117
160	50	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	11875	12667	R422715118
160	100	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	11875	12667	R422715119
200	50	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	19000	19792	R422715120
200	100	G 3/4	Pneumatic adjustable cushioning	Piston with magnet	M36x2	Standard Industry Scraper	19000	19792	R422715121

Dimensions



1) Flow control screw
S=stroke

Piston Ø	AM	Ø B e9	Ø CG	CH	CL	E	Ø EE	K	Ø KK	KV
25	20	25	12	42	22	40	G1/8	6	M10x1,5	17
32	20	25	12	50	15	45	G1/8	6	M10x1,5	17
40	36	32	16	63	20	52	G1/4	8	M16x1,5	24
50	36	32	16	73	20	65	G1/4	8	M16x1,5	24
63	46	45	20	90	25	75	G3/8	10	M20x1,5	30
80	46	45	20	108	25	95	G3/8	10	M20x1,5	30

Piston Ø	AM	Ø B e9	Ø CG	CH	CL	E	Ø EE	K	Ø KK	KV
100	63	55	25	131	30	115	G1/2	16	M27x2	41
125	63	55	25	160	32	140	G1/2	16	M27x2	41
160	85	65	32	200	50	180	G3/4	16	M36x2	55
200	85	65	32	250	50	220	G3/4	16	M36x2	55

Piston Ø	KW	Ø MM	P	PL	Q min.	Q max. + S	R	S	SW	TG
25	5	12	38	9	40	50	20	12	8	28
32	5	12	46	9	43	48	20	12	8	33
40	8	18	59	12	54	75	25	16	13	40
50	8	18	69	12	62	67	25	16	13	49
63	10	22	84	14	64	79	30	20	17	59
80	10	22	102	14	67	77	30	20	17	75
100	13.5	30	125	18	73	91	36	25	22	90
125	13.5	30	155	18	75	89	36	25	22	110
160	18	40	-	35	81	100	45	32	32	140
200	18	40	-	35	79	101	45	32	32	175

Piston Ø	V	VD	WH	Y	ZJ1	ZJ2
25	-	15	25	44	105	-
32	-	15	25	44	105	128
40	3	15	34	65	144	165
50	3	15	34	65	144	167
63	5	20	39	71	164	189
80	9	20	39	71	164	188
100	-	20	47	84	192	221
125	-	20	47	84	192	237
160	-	20*	80	115	260	272
200	-	20*	80	115	260	277

* Dimension is 5 mm shorter than according to CNOMO NFE 49-001

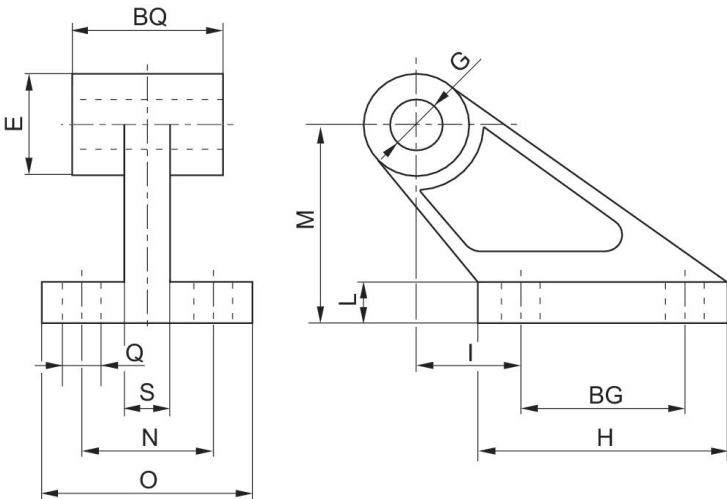
Bearing block, Series AB7

CNOMO / NFE 49-001



Piston diameter [mm]	Swivel bearing Ø [mm]	Standardization	Material	Part No.
25, 32	10	CNOMO / NFE 49-001	Aluminum	R422003602
40, 50	10	CNOMO / NFE 49-001	Aluminum	R422003603
63, 80	10	CNOMO / NFE 49-001	Aluminum	R422003604
100, 125	10	CNOMO / NFE 49-001	Aluminum	R422003605
160, 200	10	CNOMO / NFE 49-001	Aluminum	R422003606

Dimensions



Piston Ø	Part No.	BG	BQ	G H9	H	I	L	M	N	O
25, 32	R422003602	20	20	8	37	18	8	32	25	41
40, 50	R422003603	32	32	12	54	25	10	45	32	52
63, 80	R422003604	50	50	16	75	32	13	63	40	63
100, 125	R422003605	70	70	20	103	40	17	90	50	80
160, 200	R422003606	110	110	25	154	50	20	140	63	111

Piston Ø	Q H13	R max.	S
25, 32	7	19.5	9
40, 50	9	26	14
63, 80	11	32	14

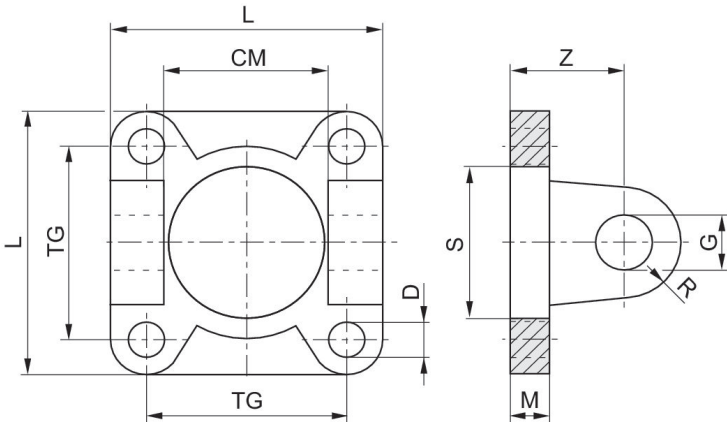
Piston Ø	Q H13	R max.	S
100, 125	14	42	22
160, 200	18	54	26

Clevis mounting MP2, Series CM1

CNOMO / NFE 49-001



Piston diameter [mm]	Swivel bearing Ø [mm]	Standardization	Material	Part No.
25	8	CNOMO / NFE 49-001	Aluminum	1827005910
32	8	CNOMO / NFE 49-001	Aluminum	1827005911
40	12	CNOMO / NFE 49-001	Aluminum	1827005912
50	12	CNOMO / NFE 49-001	Aluminum	1827005913
63	16	CNOMO / NFE 49-001	Aluminum	1827005914
80	16	CNOMO / NFE 49-001	Aluminum	1827005915
100	20	CNOMO / NFE 49-001	Aluminum	1827005916
125	20	CNOMO / NFE 49-001	Aluminum	1827005917
160	25	CNOMO / NFE 49-001	Aluminum	7472ZZ1428
200	25	CNOMO / NFE 49-001	Aluminum	7472ZZ1429



Piston Ø	Part No.	CM H14	D H13	G H9	M	L	R	S	TG	Z
25	1827005910	26	7	8	8	40	8	25	28	18
32	1827005911	26	7	8	8	45	8	25	33	18
40	1827005912	33	7	12	8	52	12	32	40	24
50	1827005913	33	9	12	10	65	12	32	49	26
63	1827005914	47	9	16	10	75	16	45	59	30
80	1827005915	47	11	16	12	95	16	45	75	32
100	1827005916	57	11	20	12	115	20	55	90	37

Piston Ø	Part No.	CM H14	D H13	G H9	M	L	R	S	TG	Z
125	1827005917	57	14	20	16	140	21	55	110	41
160	7472ZZ1428	72	18	25	20	180	25	65	140	55
200	7472ZZ1429	72	18	25	20	220	25	65	175	55

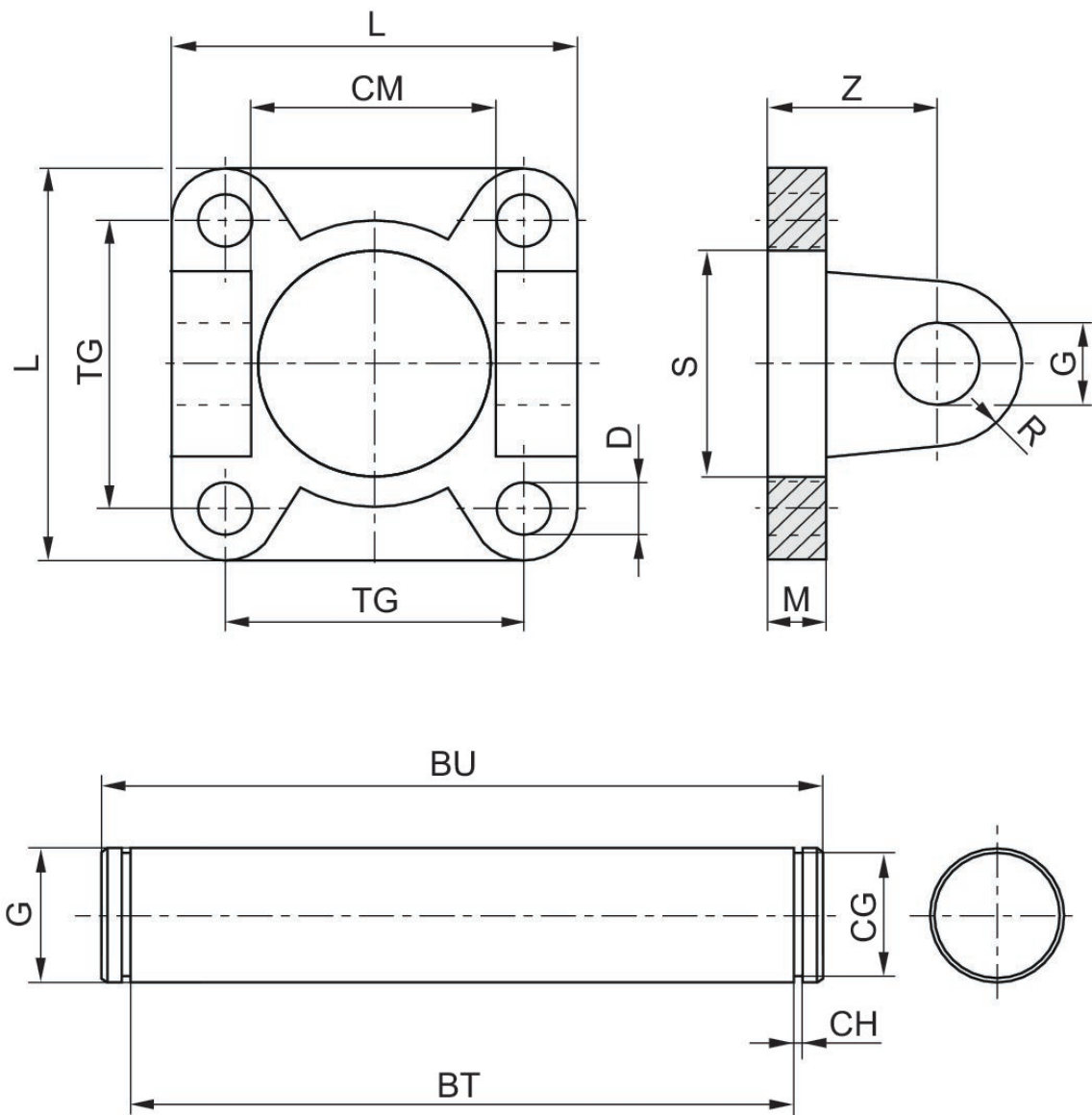
Clevis mounting MP2, Series CM1

CNOMO / NFE 49-001



Piston diameter [mm]	Swivel bearing Ø [mm]	Standardization	Material	Part No.
25	8	CNOMO / NFE 49-001	Aluminum	R415024526
32	8	CNOMO / NFE 49-001	Aluminum	R415024527
40	12	CNOMO / NFE 49-001	Aluminum	R415024528
50	12	CNOMO / NFE 49-001	Aluminum	R415024529
63	16	CNOMO / NFE 49-001	Aluminum	R415024530
80	16	CNOMO / NFE 49-001	Aluminum	R415024531
100	20	CNOMO / NFE 49-001	Aluminum	R415024532
125	20	CNOMO / NFE 49-001	Aluminum	R415024533
160	25	CNOMO / NFE 49-001	Aluminum	R415024534
200	25	CNOMO / NFE 49-001	Aluminum	R415024535

Dimensions



Ø [mm]		BT	BU	CG	CH	CM H14	D H13	G	L	M
25	R415024526	41	47	7.6	1.1	26	7	8	40	8
32	R415024527	46	53	7.6	1.1	26	7	8	45	8
40	R415024528	53	60	11.5	1.1	33	7	12	52	8
50	R415024529	66	73	11.5	1.1	33	9	12	65	10
63	R415024530	76	83	15.2	1.1	47	9	16	75	10
80	R415024531	96	103	15.2	1.1	47	11	16	95	12
100	R415024532	117	124	19	1.3	57	11	20	115	12
125	R415024533	142	149	19	1.3	57	14	20	140	16
160	R415024534	182	189	23.9	1.3	72	18	25	180	20
200	R415024535	222	229	23.9	1.3	72	18	25	220	20

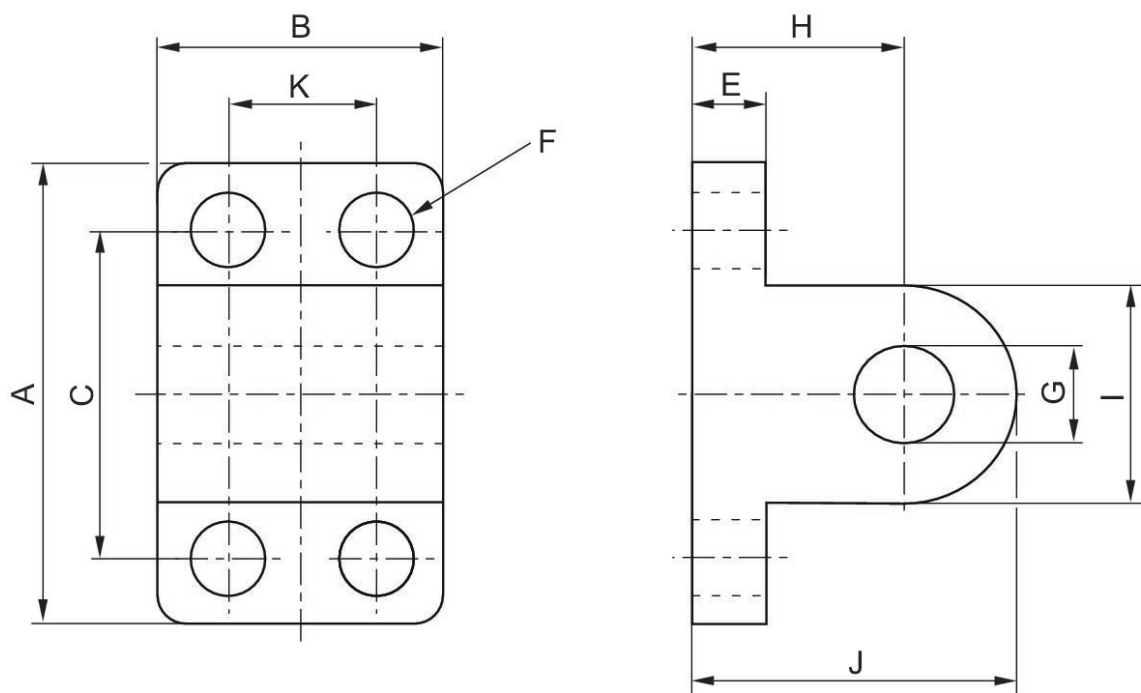
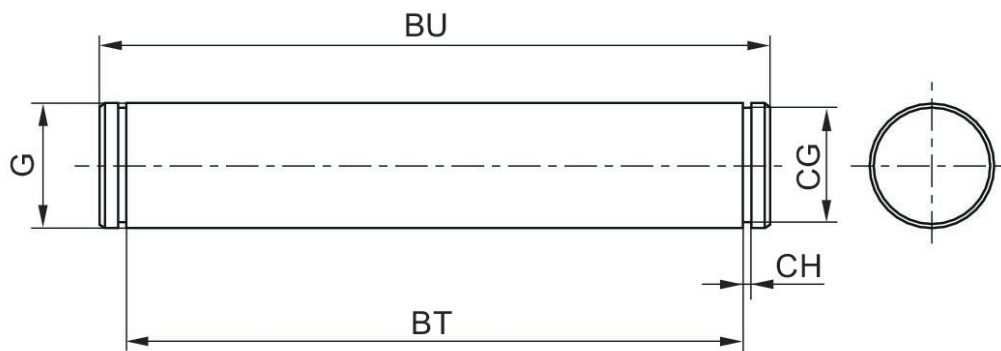
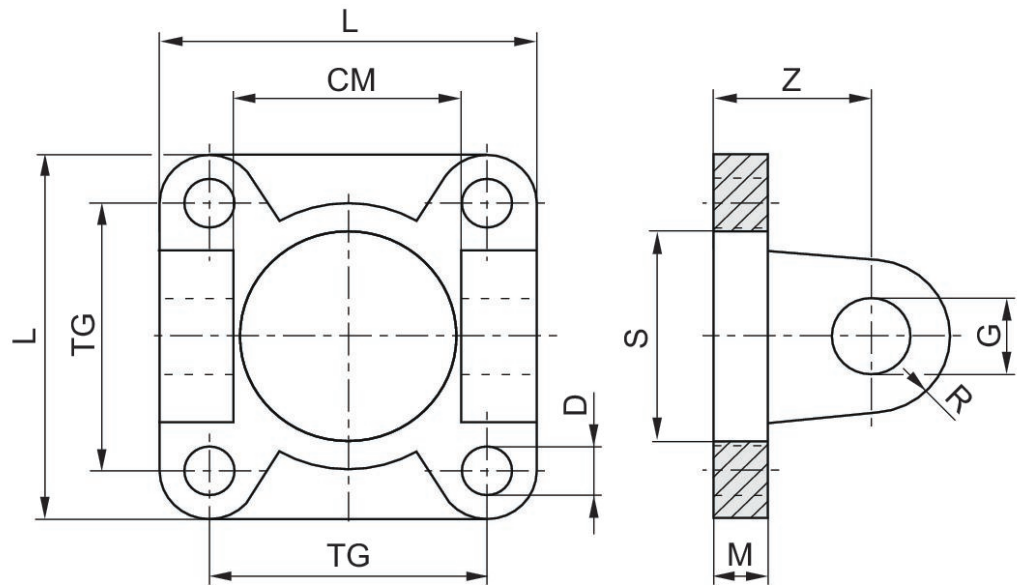
Ø [mm]	R	S	TG	Z
25	8	25	28	18
32	8	25	33	18
40	12	32	40	24
50	12	32	49	26
63	16	45	59	30
80	16	45	75	32
100	20	55	90	37
125	21	55	110	41
160	25	65	140	55
200	25	65	175	55

Clevis mounting MP2, Series CM1

CNOMO / NFE 49-001



Piston diameter [mm]	Swivel bearing Ø [mm]	Standardization	Material	Part No.
25	8	CNOMO / NFE 49-001	Aluminum	R415024536
32	8	CNOMO / NFE 49-001	Aluminum	R415024537
40	12	CNOMO / NFE 49-001	Aluminum	R415024538
50	12	CNOMO / NFE 49-001	Aluminum	R415024539
63	16	CNOMO / NFE 49-001	Aluminum	R415024540
80	16	CNOMO / NFE 49-001	Aluminum	R415024541
100	20	CNOMO / NFE 49-001	Aluminum	R415024542
125	20	CNOMO / NFE 49-001	Aluminum	R415024543
160	25	CNOMO / NFE 49-001	Aluminum	R415024544
200	25	CNOMO / NFE 49-001	Aluminum	R415024545



Ø [mm]		A	B	BT	BU	C	CG	CH	CM H14	D H13
25	R415024536	40	25	41	47	28	7.6	1.1	26	7
32	R415024537	40	25	46	53	28	7.6	1.1	26	7
40	R415024538	52	32	53	60	38	11.5	1.1	33	7
50	R415024539	52	32	66	73	38	11.5	1.1	33	9
63	R415024540	75	46	76	83	54	15.2	1.1	47	9
80	R415024541	75	46	96	103	54	15.2	1.1	47	11
100	R415024542	115	56	117	124	90	19	1.3	57	11
125	R415024543	115	56	142	149	90	19	1.3	57	14
160	R415024544	180	71	182	189	150	23.9	1.3	72	18
200	R415024545	180	71	222	229	150	23.9	1.3	72	18

Ø [mm]	E	F	G	H	I	J	K	L	R	TG
25	8	7	8	18	16	26	-	40	8	28
32	8	7	8	18	16	26	-	45	8	33
40	10	9	12	26	24	38	16	52	12	40
50	10	9	12	26	24	38	16	65	12	49
63	12	11	16	34	36	52	25	75	16	59
80	12	11	16	34	36	52	25	95	16	75
100	16	14	20	41	40	61	32	115	20	90
125	16	14	20	41	40	61	32	140	21	110
160	20	18	25	55	50	80	43	180	25	140
200	20	18	25	55	50	80	43	220	25	175

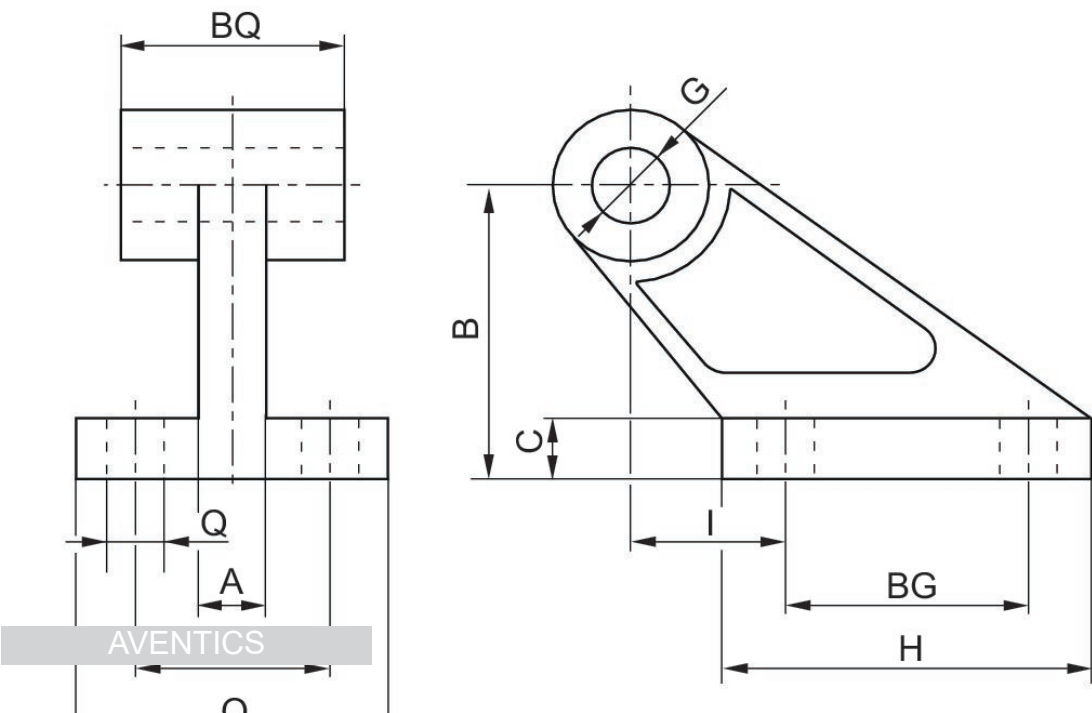
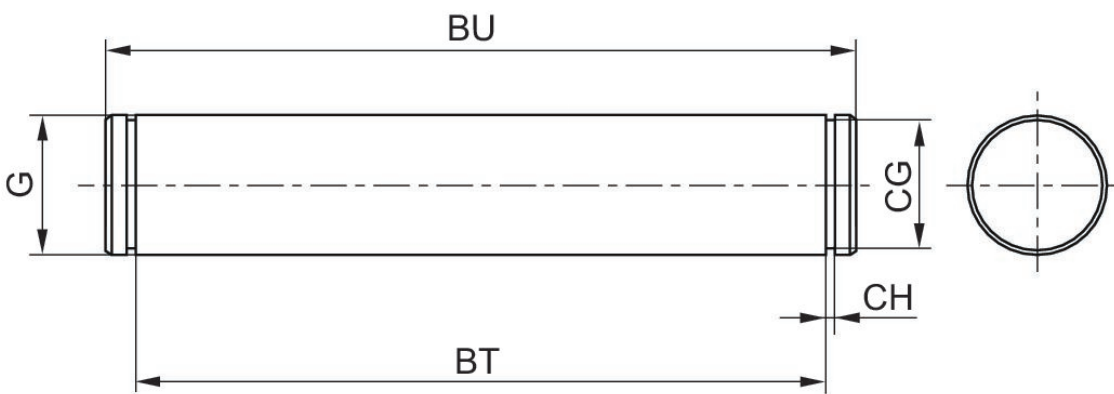
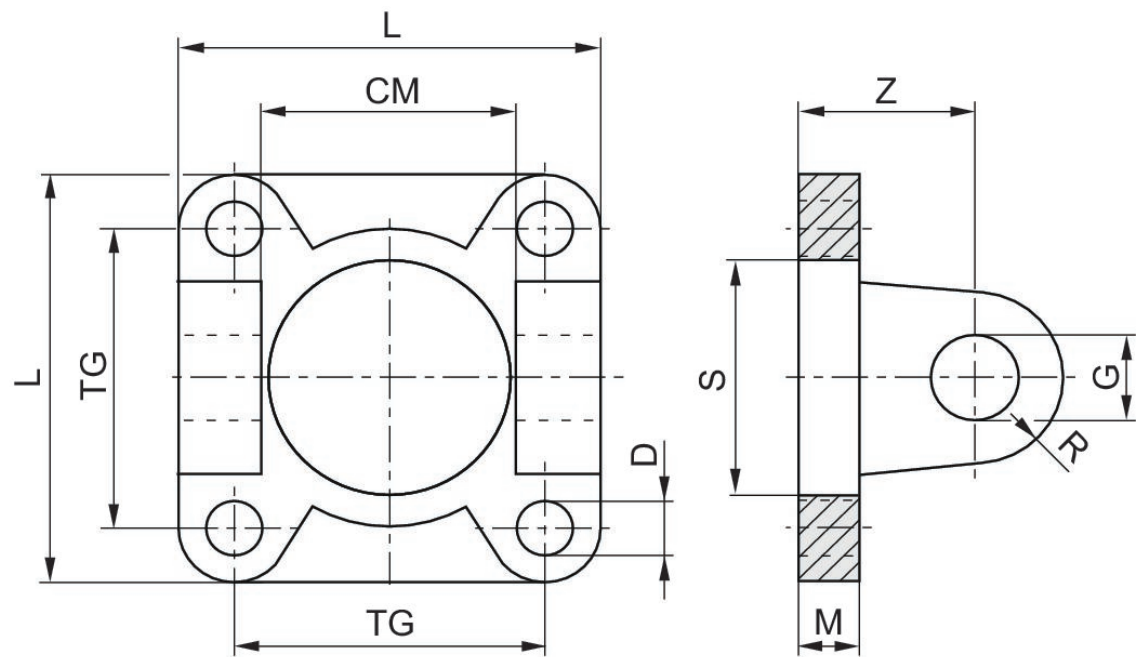
Ø [mm]	Z
25	18
32	18
40	24
50	26
63	30
80	32
100	37
125	41
160	55
200	55

Clevis mounting MP2, Series CM1

CNOMO / NFE 49-001



Piston diameter [mm]	Swivel bearing Ø [mm]	Standardization	Material	Part No.
25	8	CNOMO / NFE 49-001	Aluminum	R415024546
32	8	CNOMO / NFE 49-001	Aluminum	R415024547
40	12	CNOMO / NFE 49-001	Aluminum	R415024548
50	12	CNOMO / NFE 49-001	Aluminum	R415024549
63	16	CNOMO / NFE 49-001	Aluminum	R415024550
80	16	CNOMO / NFE 49-001	Aluminum	R415024551
100	20	CNOMO / NFE 49-001	Aluminum	R415024552
125	20	CNOMO / NFE 49-001	Aluminum	R415024553
160	25	CNOMO / NFE 49-001	Aluminum	R415024554
200	25	CNOMO / NFE 49-001	Aluminum	R415024555



Ø [mm]		A	B	BG	BQ	BT	BU	C	CG	CH
25	R415024546	9	32	20	20	41	47	8	7.6	1.1
32	R415024547	9	32	20	20	46	53	8	7.6	1.1
40	R415024548	14	45	32	32	53	60	10	11.5	1.1
50	R415024549	14	45	32	32	66	73	10	11.5	1.1
63	R415024550	14	63	50	50	76	83	13	15.2	1.1
80	R415024551	14	63	50	50	96	103	13	15.2	1.1
100	R415024552	22	90	70	70	117	124	17	19	1.3
125	R415024553	22	90	70	70	142	149	17	19	1.3
160	R415024554	26	140	110	110	182	189	20	23.9	1.3
200	R415024555	26	140	110	110	222	229	20	23.9	1.3

Ø [mm]	CM H14	D H13	G	H	L	M	N	O	Q	R
25	26	7	8	37	40	8	25	41	7	8
32	26	7	8	37	45	8	25	41	7	8
40	33	7	12	54	52	8	32	52	9	12
50	33	9	12	54	65	10	32	52	9	12
63	47	9	16	75	75	10	40	63	11	16
80	47	11	16	75	95	12	40	63	11	16
100	57	11	20	103	115	12	50	80	14	20
125	57	14	20	103	140	16	50	80	14	21
160	72	18	25	154	180	20	63	111	18	25
200	72	18	25	154	220	20	63	111	18	25

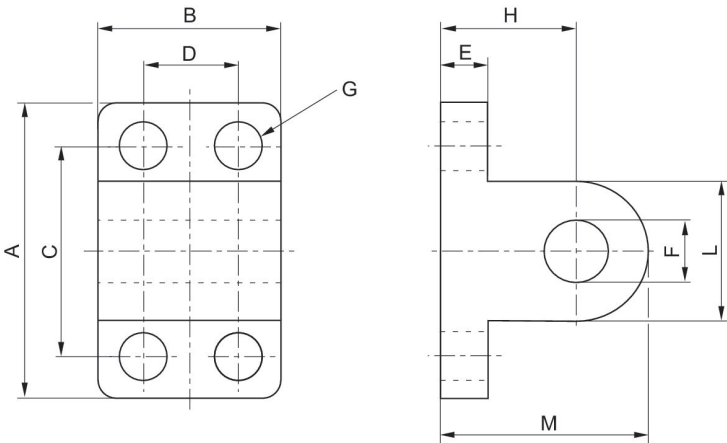
Ø [mm]	S	TG	Z
25	25	28	18
32	25	33	18
40	32	40	24
50	32	49	26
63	45	59	30
80	45	75	32
100	55	90	37
125	55	110	41
160	65	140	55
200	65	175	55

Rear eye

CNOMO / NFE 49-001



Piston diameter [mm]	Swivel bearing Ø [mm]	Standardization	Material	Part No.
25, 32	8	CNOMO / NFE 49-001	Aluminum	R422003607
40, 50	12	CNOMO / NFE 49-001	Aluminum	R422003608
63, 80	16	CNOMO / NFE 49-001	Aluminum	R422003609
100, 125	20	CNOMO / NFE 49-001	Aluminum	R422003610
160, 200	25	CNOMO / NFE 49-001	Aluminum	R422003611



Piston Ø	Part No.	A	B	C	D	E	F H9	G	H	L 1)
25, 32	R422003607	40	25	28	-	8	8	7	18	16
40, 50	R422003608	52	32	38	16	10	12	9	26	24
63, 80	R422003609	75	46	54	25	12	16	11	34	36
100,125	R422003610	115	56	90	32	16	20	14	41	40
160, 200	R422003611	180	71	150	43	20	25	18	55	50

Piston Ø	M 1)
25, 32	26
40, 50	38
63, 80	52
100,125	61
160, 200	80

1) Max.

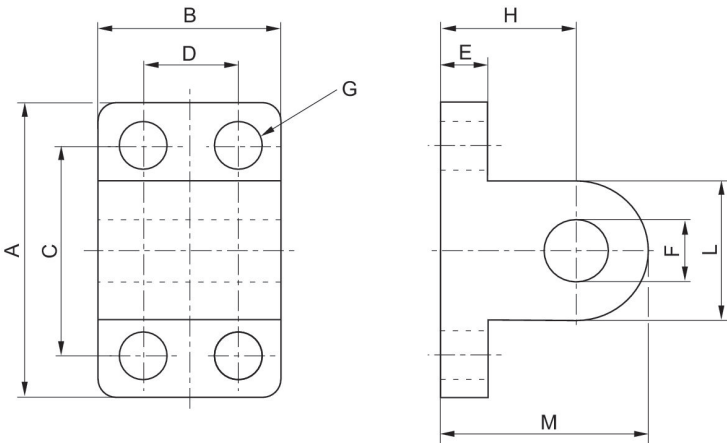
Rear eye with bolt

CNOMO / NFE 49-001



Piston diameter [mm]	Standardization	Material	Part No.
32	CNOMO / NFE 49-001	Aluminum	5210163472
40	CNOMO / NFE 49-001	Aluminum	5210263472
50	CNOMO / NFE 49-001	Aluminum	5210363472
63	CNOMO / NFE 49-001	Aluminum	5210463472
80	CNOMO / NFE 49-001	Aluminum	5210563472
100	CNOMO / NFE 49-001	Aluminum	5210663472
125	CNOMO / NFE 49-001	Aluminum	5210763472

Rear eye dimensions



Piston Ø	A	B	C	D	E	F H9	G	H	L 1)	M 1)
32	40	25	28	-	8	8	7	18	16	26
40	52	32	38	16	10	12	9	26	24	38
50	52	32	38	16	10	12	9	26	24	38
63	75	46	54	25	12	16	11	34	36	52
80	75	46	54	25	12	16	11	34	36	52
100	115	56	90	32	16	20	14	41	40	61
125	115	56	90	32	16	20	14	41	40	61

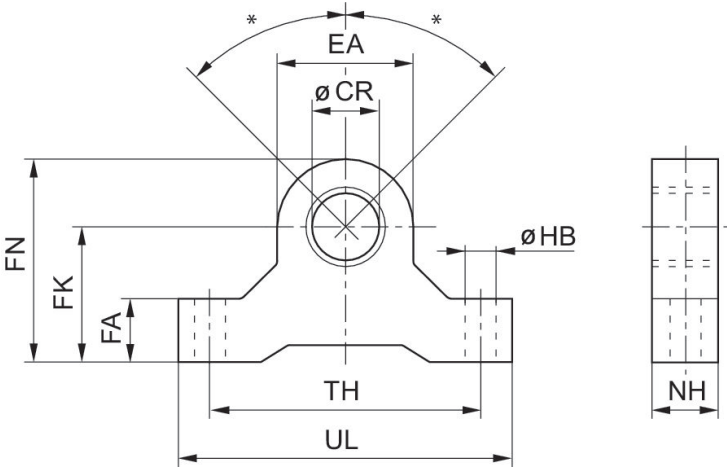
Piston Ø	BT	BU	CG	CH	G f7
32	46	53	7.6	1.1	8
40	53	60	11.5	1.1	12
50	66	73	11.5	1.1	12
63	76	83	15.2	1.1	16
80	96	103	15.2	1.1	16
100	117	124	19	1.3	20
125	142	149	19	1.3	20

1) max.

Bearing, Series CM1



Piston diameter [mm]	Swivel bearing Ø [mm]	Material	Part No.
25	10	Aluminum	3671202000
32	12	Aluminum	3671203000
40, 50	16	Aluminum	3671204000
63, 80	20	Aluminum	3671206000
100, 125	25	Aluminum	3671210000
160, 200	32	Aluminum	3671216000



* Max. pendulum movement for cylinders with rear eye MP6 with ball joint: ±45°

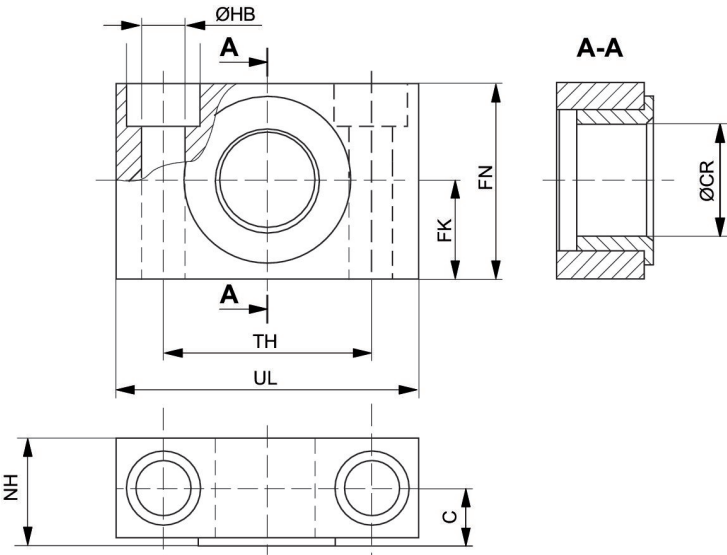
Piston Ø	Part No.	Ø CR H8	EA	FA	FK ±0,1	FN	HB	NH	TH	UL
25	3671202000	10	16	10	21	29	5.5	10	27	37
32	3671203000	12	19	11	22	32	6.6	11	44	55
40, 50	3671204000	16	28	16	35	49	9	16	65	82
63, 80	3671206000	20	38	19	40	59	9	19	80	99
100, 125	3671210000	25	46	22	48	71	11	22	96	118
100	3671212000	30	56	28	57	88	13	28	114	142
160, 200	3671216000	32	66	32	70	103	17	32	140	172
250, 320	3671220000	35	66	32	70	103	17	32	140	172

Bearing AT4, Series CM1

ISO 15552



Piston diameter [mm]	Swivel bearing Ø [mm]	Standardization	Material	Part No.
20, 25, 32	12	ISO 15552	Steel, chrome-plated	1827001603
40, 50	16	ISO 15552	Steel, chrome-plated	1827001604
63, 80	20	ISO 15552	Steel, chrome-plated	1827001605
100, 125	25	ISO 15552	Steel, chrome-plated	1827001606
160, 200	32	ISO 15552	Steel, chrome-plated	1827001607



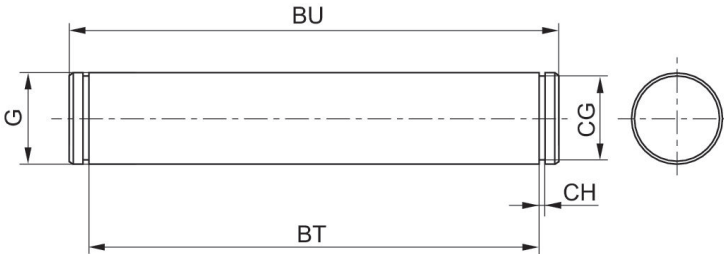
Piston Ø	Part No.	UL	NH	TH	C	CR H9	HB H13	FN	FK
20, 25, 32	1827001603	46	18	32 ±0,2	10.5	12	6.6	30	15 ±0,1
40, 50	1827001604	55	21	36 ±0,2	12	16	9	36	18 ±0,1
63, 80	1827001605	65	23	42 ±0,2	13	20	11	40	20 ±0,1
100, 125	1827001606	75	28.5	50 ±0,2	16	25	14	50	25 ±0,1
160, 200	1827001607	92	40	60 ±0,3	22.5	32	18	60	30 ±0,2
250	1827001608	140	50	90 ±0,3	27.5	40	22	70	35 ±0,2
320	R412018903	150	60	100	32.5	50	26	80	40

Bolts, AA4

CNOMO / NFE 49-001



Piston diameter [mm]	Standardization	Material	Surface	Part No.
25	CNOMO / NFE 49-001	Steel, chrome-plated	galvanized	R422003612
32	CNOMO / NFE 49-001	Steel, chrome-plated	galvanized	R422003613
40	CNOMO / NFE 49-001	Steel, chrome-plated	galvanized	R422003614
50	CNOMO / NFE 49-001	Steel, chrome-plated	galvanized	R422003615
63	CNOMO / NFE 49-001	Steel, chrome-plated	galvanized	R422003616
80	CNOMO / NFE 49-001	Steel, chrome-plated	galvanized	R422003617
100	CNOMO / NFE 49-001	Steel, chrome-plated	galvanized	R422003618
125	CNOMO / NFE 49-001	Steel, chrome-plated	galvanized	R422003619
160	CNOMO / NFE 49-001	Steel, chrome-plated	galvanized	R422003620
200	CNOMO / NFE 49-001	Steel, chrome-plated	galvanized	R422003621



Piston Ø	Part No.	BT	BU	CG	CH	G f7
25	R422003612	41	47	7.6	1.1	8
32	R422003613	46	53	7.6	1.1	8
40	R422003614	53	60	11.5	1.1	12
50	R422003615	66	73	11.5	1.1	12
63	R422003616	76	83	15.2	1.1	16
80	R422003617	96	103	15.2	1.1	16
100	R422003618	117	124	19	1.3	20
125	R422003619	142	149	19	1.3	20
160	R422003620	182	189	23.9	1.3	25
200	R422003621	222	229	23.9	1.3	25

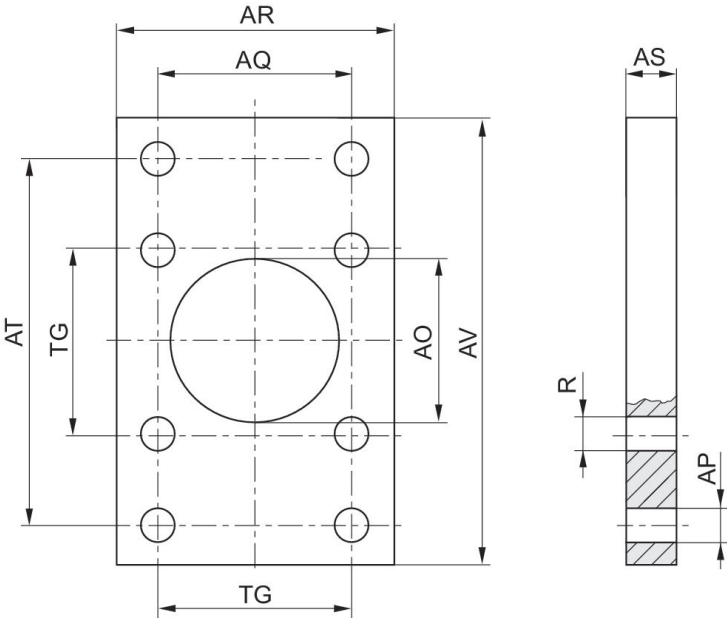
Flange mounting, Series MF1, MF2

CNOMO / NFE 49-001



Piston diameter [mm]	Swivel bearing Ø [mm]		Material	Part No.
25			Steel, chrome-plated	1827005926
32	30		Steel, chrome-plated	1827005927
40	30		Steel, chrome-plated	1827005928
50	30		Steel, chrome-plated	1827005929
63	30		Steel, chrome-plated	1827005930
80	30		Steel, chrome-plated	1827005931
100	30		Steel, chrome-plated	1827005932
125	30		Steel, chrome-plated	1827005933
160	30		Steel, chrome-plated	7472ZZ1408
200	30		Steel, chrome-plated	7472ZZ1409

Dimensions



Piston Ø	Part No.	AO H11	AP H13	AQ JS14	AR	AS	AT JS14	AV	R	TG
25	1827005926	25	9	28	40	8	68	80	7	28

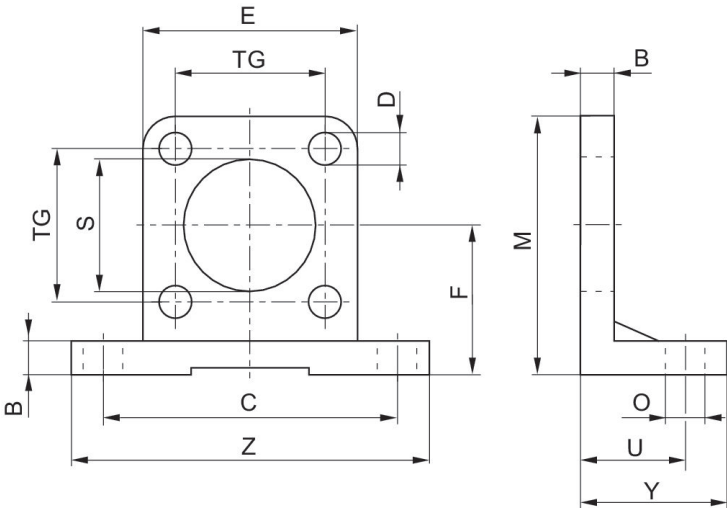
Piston Ø	Part No.	AO H11	AP H13	AQ JS14	AR	AS	AT JS14	AV	R	TG
32	1827005927	25	9	33	45	8	68	80	7	33
40	1827005928	32	9	40	52	8	78	90	7	40
50	1827005929	32	11	49	65	10	94	110	9	49
63	1827005930	45	11	59	75	10	104	120	9	59
80	1827005931	45	14	75	95	12	130	150	11	75
100	1827005932	55	14	90	115	12	150	170	11	90
125	1827005933	55	18	110	140	16	180	205	14	110
160	7472ZZ1408	65	22	140	180	20	228	260	18	140
200	7472ZZ1409	65	22	175	220	20	268	300	18	175

Foot mounting, Series MS1

CNOMO / NFE 49-001



Piston diameter [mm]	Standardization	Material	Part No.
25	CNOMO / NFE 49-001	Aluminum	1827005870
32	CNOMO / NFE 49-001	Aluminum	1827005871
40	CNOMO / NFE 49-001	Aluminum	1827005872
50	CNOMO / NFE 49-001	Aluminum	1827005873
63	CNOMO / NFE 49-001	Aluminum	1827005874
80	CNOMO / NFE 49-001	Aluminum	1827005875
100	CNOMO / NFE 49-001	Aluminum	1827005876
125	CNOMO / NFE 49-001	Aluminum	1827005877
160	CNOMO / NFE 49-001	Aluminum	7472ZZ1483
200	CNOMO / NFE 49-001	Aluminum	7472ZZ1484



Piston Ø	Part No.	B	C	D	E	F	M	O	S	TG
25	1827005870	8	58	7	40	30	50	9	25	28
32	1827005871	8	65	7	45	32	54	9	25	33
40	1827005872	8	72	7	52	36	62	9	32	40
50	1827005873	10	90	9	65	45	77	11	32	49

Piston Ø	Part No.	B	C	D	E	F	M	O	S	TG
63	1827005874	10	100	9	75	50	87	11	45	59
80	1827005875	12	126	11	95	63	110	14	45	75
100	1827005876	12	148	11	115	73	130	14	55	90
125	1827005877	16	180	14	140	91	161	18	55	110
160	7472ZZ1483	20	230	18	180	115	205	22	65	140
200	7472ZZ1484	20	270	18	220	135	245	22	65	175

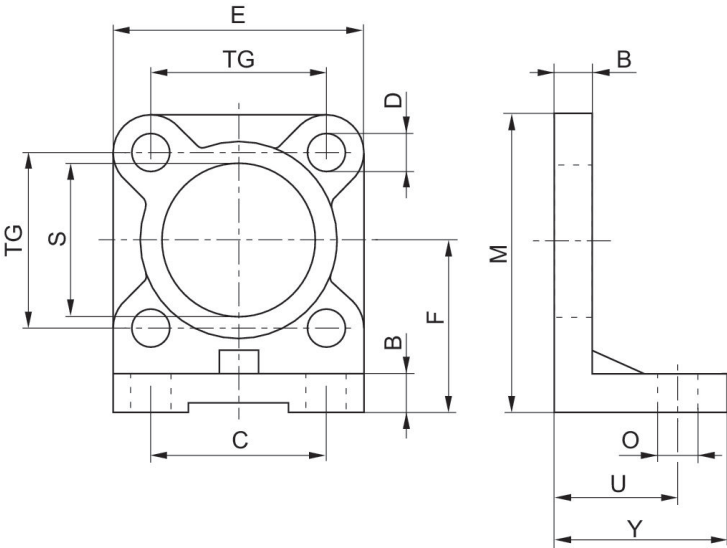
Piston Ø	U	Y	Z
25	18	35	75
32	18	35	82
40	18	35	90
50	22	45	110
63	22	45	120
80	28	55	154
100	28	55	180
125	32	67.5	215
160	40	80	275
200	40	80	318

Foot mounting, Series MS1

CNOMO / NFE 49-001



Piston diameter [mm]	Standardization	Material	Part No.
25	CNOMO / NFE 49-001	Aluminum	1827005878
32	CNOMO / NFE 49-001	Aluminum	1827005879
40	CNOMO / NFE 49-001	Aluminum	1827005880
50	CNOMO / NFE 49-001	Aluminum	1827005881
63	CNOMO / NFE 49-001	Aluminum	1827005882
80	CNOMO / NFE 49-001	Aluminum	1827005883
100	CNOMO / NFE 49-001	Aluminum	1827005884
125	CNOMO / NFE 49-001	Aluminum	1827005885
160	CNOMO / NFE 49-001	Aluminum	7472ZZ1418
200	CNOMO / NFE 49-001	Aluminum	7472ZZ1419

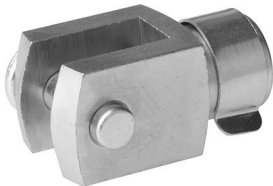


Piston Ø	Part No.	B	C	D	E	F	M	O	S	TG
25	1827005878	8	24	7	40	30	50	9	25	28
32	1827005879	8	28	7	45	32	54	9	25	33
40	1827005880	8	36	7	52	36	62	9	32	40

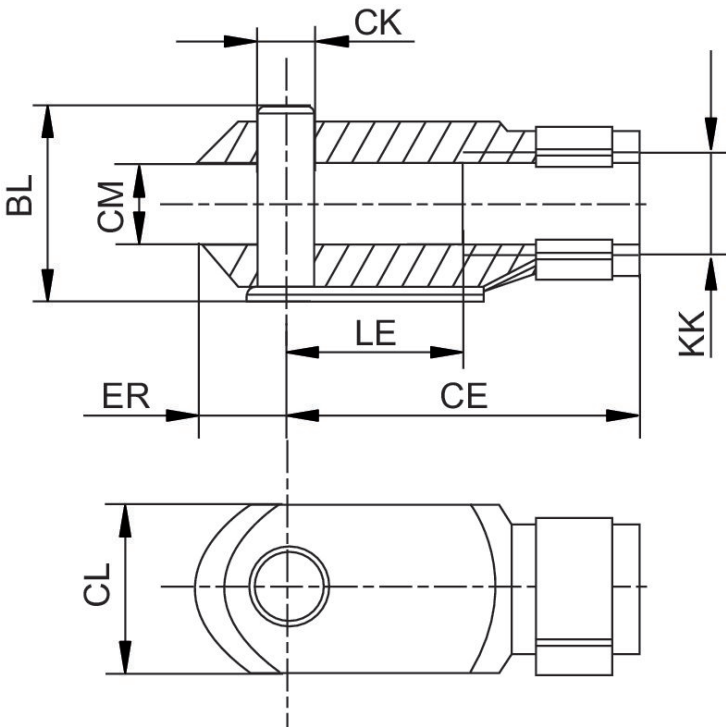
Piston Ø	Part No.	B	C	D	E	F	M	O	S	TG
50	1827005881	10	45	9	65	45	77	11	32	49
63	1827005882	10	55	9	75	50	87	11	45	59
80	1827005883	12	70	11	95	63	110	14	45	75
100	1827005884	12	90	11	115	73	130	14	55	90
125	1827005885	16	110	14	140	91	161	18	55	110
160	7472ZZ1418	20	130	18	180	115	205	22	65	140
200	7472ZZ1419	20	170	18	220	135	245	22	65	175

Piston Ø	U	Y
25	27	35
32	27	35
40	27	35
50	35	45
63	35	45
80	43	55
100	43	55
125	52	68
160	62	82
200	62	92

Rod clevis, Series AP2



Suitable piston rod thread	Material	Part No.
M10x1,5	Steel, chrome-plated	1827009940
M16x1,5	Steel, chrome-plated	1827009941
M20x1,5	Steel, chrome-plated	1827009942
M27x2	Steel, chrome-plated	1827009943
M36x2	Steel, chrome-plated	7472ZZ1444

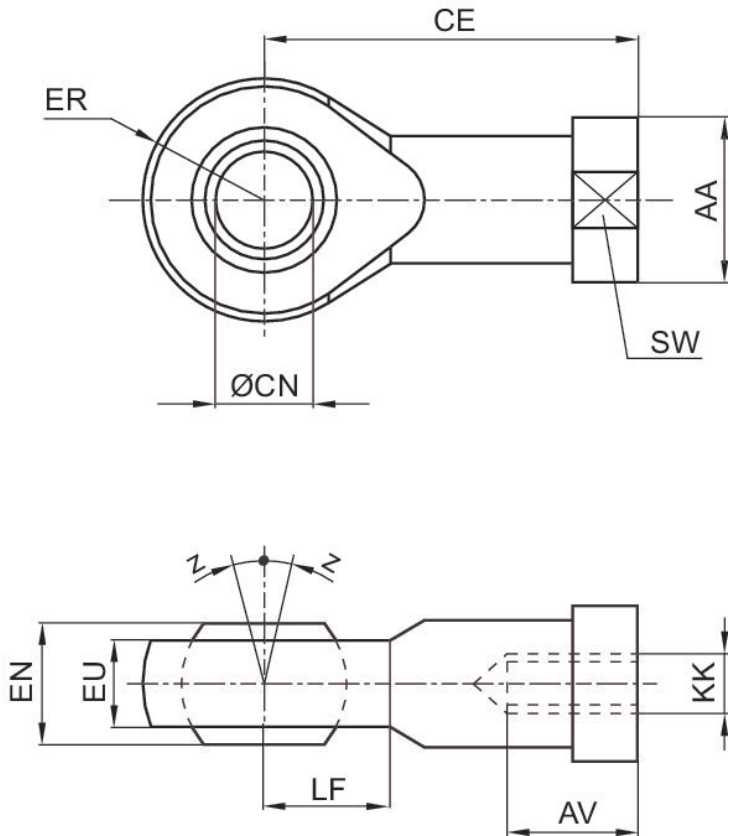


KK	Part No.	BL	CE	ØCK e11	CL	CM	ER	LE
M10x1,5	1827009940	28	36	8	22	11	9	16
M16x1,5	1827009941	44	51	12	26	18	13	25
M20x1,5	1827009942	53	63	16	34	22	17	33
M27x2	1827009943	76	85	20	44	30	20	30
M36x2	7472ZZ1444	93	115	25	56	40	25	40

Ball eye rod end AP6, series CM2



Suitable piston rod thread	for series	Swivel bearing Ø [mm]	Material	Part No.
M16x1,5	PRA, TRB, CCI, SSI, RPC, KPZ, 167, CVI, RDC, 102	16	Steel, chrome-plated	1822124005
M20x1,5	PRA, TRB, KPZ, 167, CVI, 102	20	Steel, chrome-plated	1822124006
M27x2	PRA, TRB, 167, CVI	30	Steel, chrome-plated	1822124013
M36x2	ITS	35	Steel, chrome-plated	1822124008



KK	Part No.	AA	AV min.	CE	Ø CN H7	EN -0,1	ER	EU max.	LF	SW
M4	1822124000	12	8	27	5	8	9	7.5	9	9

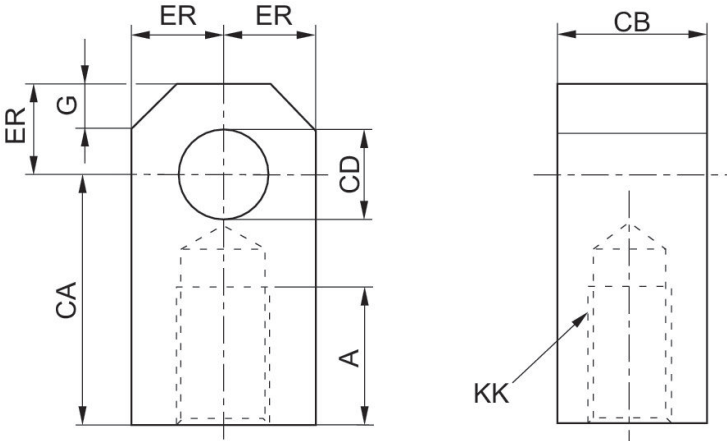
KK	Part No.	AA	AV min.	CE	Ø CN H7	EN -0,1	ER	EU max.	LF	SW
M6	1822124001	13	9	30	6	9	10	7.5	10	11
M8	1822124002	16	12	36	8	12	12	9.5	12	14
M10	8958206402	19	20	43	10	14	14	10.5	13	17
M12	8958208852	22	22	50	12	16	16	12	16	19
M10x1,25	1822124003	19	15	43	10	14	14	11.5	14	17
M12x1,25	1822124004	22	18	50	12	16	16	12.5	16	19
M16x1,5	1822124005	27	24	64	16	21	21	15.5	21	22
M20x1,5	1822124006	34	30	77	20	25	25	18.5	25	30
M24x2	8958208002	42	36	94	25	31	30	23	30	36
M27x2	1822124013	50	45	110	30	37	35	27	35	41
M36x2	1822124008	60	56	125	35	43	40	32	40	50
M42x2	1822124009	69	60	142	40	49	45.5	37	45	55
M48x2	8958208842	75	65	160	50	60	58	45	60	65

KK	Z [°] max.
M4	4
M6	4
M8	4
M10	6
M12	13
M10x1,25	4
M12x1,25	4
M16x1,5	4
M20x1,5	4
M24x2	15
M27x2	4
M36x2	4
M42x2	4
M48x2	6

Piston rod end plate



Suitable piston rod thread	Material	Part No.
M10x1,5	Steel, chrome-plated	7472ZZ5700
M10x1,5	Steel, chrome-plated	7472ZZ1445
M16x1,5	Steel, chrome-plated	7472ZZ1446
M20x1,5	Steel, chrome-plated	7472ZZ1447
M27x2	Steel, chrome-plated	7472ZZ1448
M36x2	Steel, chrome-plated	7472ZZ1449

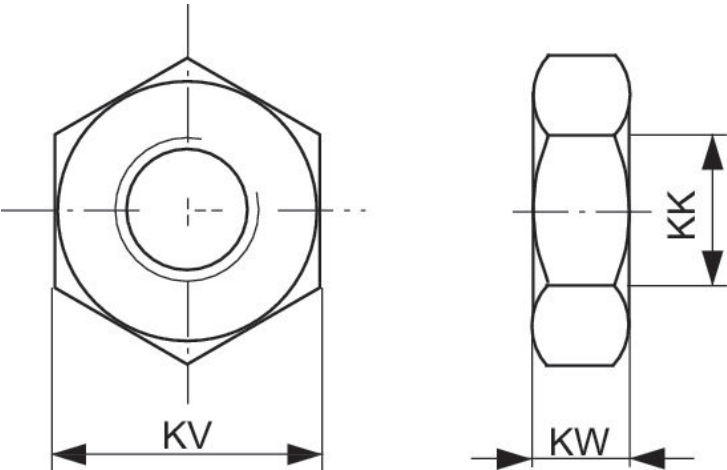


KK	Part No.	Ø	A	CA	CB	CD	ER	G
M10x1,5	7472ZZ1445	25 32	20	36	11	8	9	3
M16x1,5	7472ZZ1446	40 50	30	51	18	12	13	7
M20x1,5	7472ZZ1447	63 80	36	63	22	16	17	10
M27x2	7472ZZ1448	100 125	50	85	30	20	20	13
M36x2	7472ZZ1449	160 200	70	115	40	25	25	15

Piston rod nut MR9



Thread size	Material	Part No.
M16x1,5	Steel, chrome-plated	1823300030
M20x1,5	Steel, chrome-plated	8103040344
M27x2	Steel, chrome-plated	1823A00029
M36x2	Steel, chrome-plated	8103190414

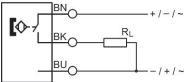


KK	Part No.	KV	KW
M4	1823300033	10	3.2
M6	1823300034	13	4
M8	1823A00021	19	6
M10	8103190344	19	6
M10x1,25	1823300030	24	8
M20x1,5	1823300031	30	10
M27x2	1823A00029	41	13.5
M36x2	8103190414	50	16
M42x2	8103190424	60	21
M6	8103190644	10	3.2
M8	8103190164	13	4
M10x1,25	8103190464	17	5
M4	3330310000	7	2.2

KK	Part No.	KV	KW
M12x1,25	3590304000	19	6
M16x1,5	3590305000	24	8
M20x1,5	3590308000	30	10
M20x1,5	8103040344	30	10
M24x2	8103190394	36	12
M48x2	8103190434	65	25
M10x1,25	2990600303	17	5
M12x1,25	2990600304	19	6
M16x1,5	2990600305	24	8
M20x1,5	2990600308	30	10
M27x2	2990600312	41	13.5
M36x2	2990600316	50	16
M42x2	2990600325	60	21

Sensor, Series ST6

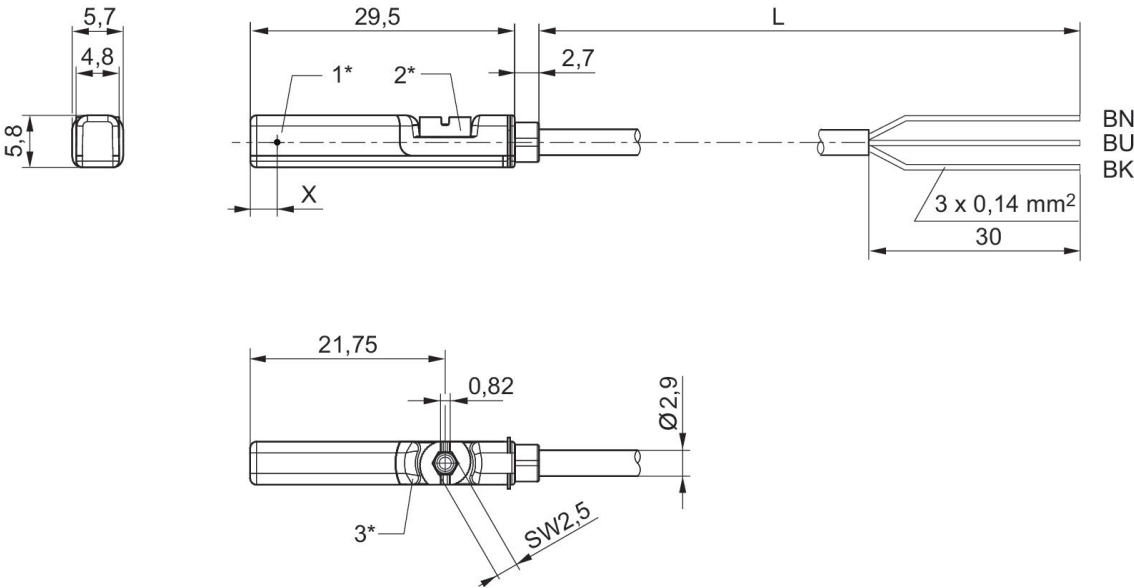
PRA
PRE
CCI
KPZ
SSI
GPC
CVI
without wire end ferrule, tin-plated
CE declaration of conformity
cULus
RoHS
UL (Underwriters Laboratories)



Direct mounting for series	Type of contact	Cable sheath	Max. DC switching current [A]	Max. AC switching current [A]	Min. operating voltage DC [V DC]	Max. operating voltage DC [V DC]	Min. operating voltage AC [V AC]	Max. operational voltage AC [V AC]	Version	Cable length L [m]	Part No.
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Reed	Polyurethane	0.13	0.13	10	230	10	230	Protected against polarity reversal	3	R412022866
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Reed	Polyurethane	0.13	0.13	10	230	10	230	Protected against polarity reversal	5	R412027170
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Reed	Polyurethane	0.3	0.5	10	30	10	30	Protected against polarity reversal	3	R412022869
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Reed	Polyurethane	0.3	0.5	10	30	10	30	Protected against polarity reversal	5	R412022870
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Reed	Polyurethane	0.3	0.5	10	30	10	30	Protected against polarity reversal	10	R412022871
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	electron PNP	Polyurethane	0.13		10	30			short circuit resistant, Protected against polarity reversal	3	R412022853
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	electron PNP	Polyurethane	0.13		10	30			short circuit resistant, Protected against polarity reversal	5	R412022855

Direct mounting for series	Type of contact	Cable sheath	Max. DC switching current [A]	Max. AC switching current [A]	Min. operating voltage DC [V DC]	Max. operating voltage DC [V DC]	Min. operating voltage AC [V AC]	Max. operational voltage AC [V AC]	Version	Cable length L [m]	Part No.
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	electronic PNP	Polyurethane	0.13		10	30			short circuit resistant, Protected against polarity reversal	10	R412022857
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	NPN	Polyurethane	0.13		10	30			short circuit resistant, Protected against polarity reversal	3	R412022849
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	NPN	Polyurethane	0.13		10	30			short circuit resistant, Protected against polarity reversal	5	R412022850

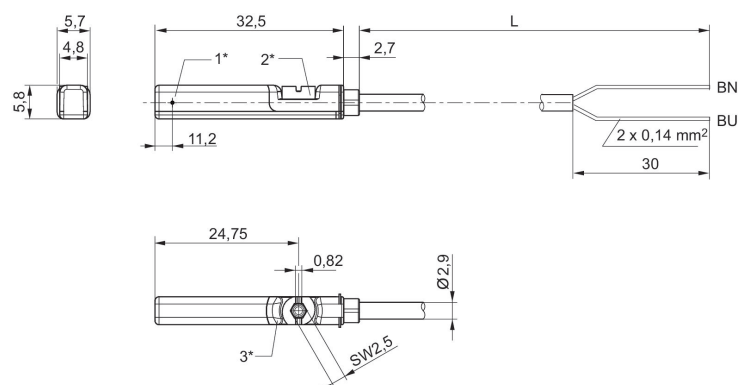
Dimensions



1* = switching point 2* = locking screw 3* = LED window, transparent
L = cable length BN = brown, BK = black, BU = blue
X = electronic: 11.6 mm

R412022866, R412027170

Dimensions



1* = switching point 2* = locking screw 3* = LED window, transparent
L = cable length BN=brown, BU=blue

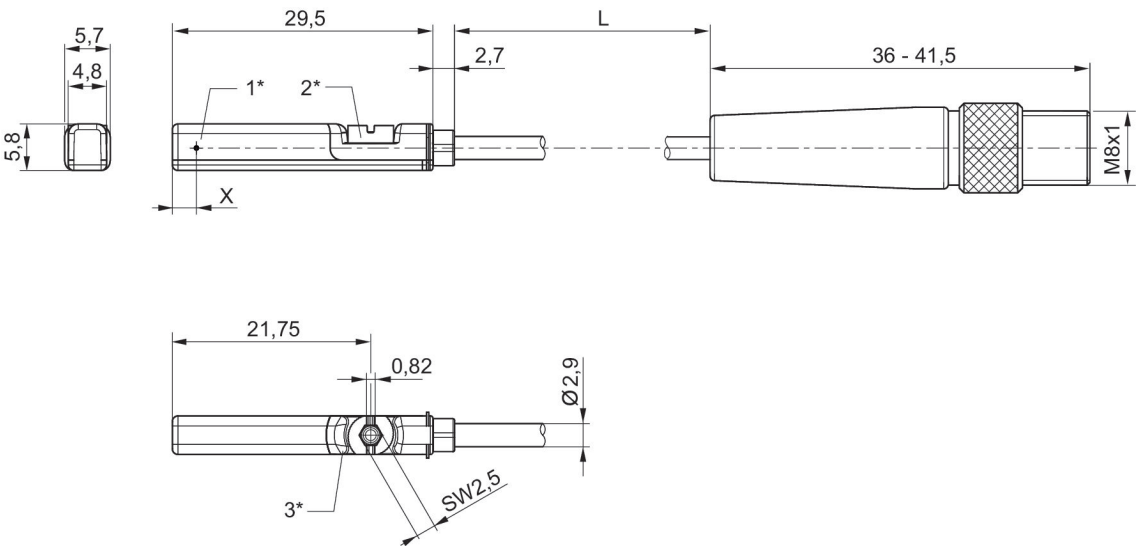
Sensor, Series ST6

PRA
PRE
CCI
KPZ
SSI
GPC
CVI
Plug
CE declaration of conformity
cULus
RoHS
UL (Underwriters Laboratories)
3-pin



Direct mounting for series	Type of contact	Cable sheath	Max. DC switching current [A]	Max. AC switching current [A]	Min. operating voltage DC [V DC]	Max. operating voltage DC [V DC]	Min. operating voltage AC [V AC]	Max. operational voltage AC [V AC]	Version	Cable length L [m]	Part No.
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Reed	Polyurethane	0.3	0.5	10	30	10	30	Protected against polarity reversal	0.3	R412022873
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Reed	Polyvinyl chloride	0.3	0.5	10	30	10	30	Protected against polarity reversal	0.3	R412022875
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Reed	Polyurethane	0.3	0.5	10	30	10	30	Protected against polarity reversal	0.5	R412022874
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	electronic PNP	Polyurethane	0.13		10	30			short circuit resistant, Protected against polarity reversal	0.3	R412022859
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	electronic PNP	Polyvinyl chloride	0.13		10	30			short circuit resistant, Protected against polarity reversal	0.3	R412022862
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	electronic PNP	Polyurethane	0.13		10	30			short circuit resistant, Protected against polarity reversal	0.5	R412022861
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	NPN	Polyurethane	0.13		10	30			short circuit resistant, Protected against polarity reversal	0.3	R412022852

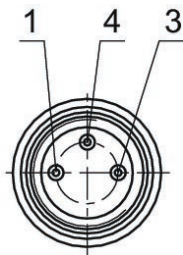
Dimensions



1* = switching point 2* = locking screw 3* = LED window, transparent
L = cable length
X = electronic: 11,6 mm, Reed: 8,3 mm

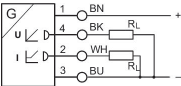
R412022873, R412022875, R412022874, R412022859, R412022862, R412022861, R412022852

Pin assignment M8x1 (3-pin)



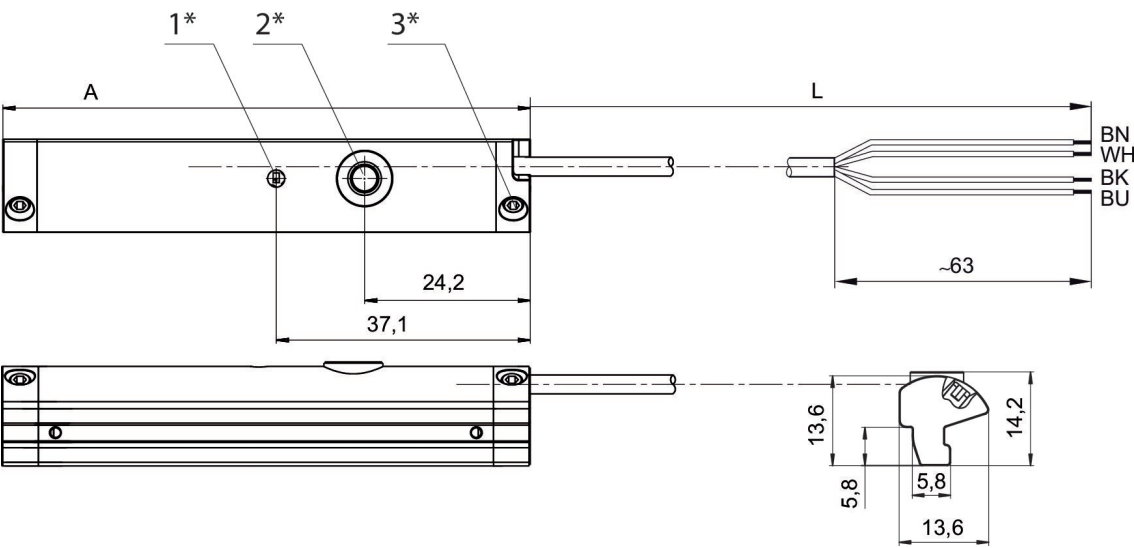
Sensors, Series SM6

PRA
PRE
CCI
KPZ
SSI
GPC
CVI
cULus



Direct mounting for series	Type of contact	Cable length L [m]	max. measuring range [mm]	Overall length Sensor [mm]	Version	Part No.
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	2	32	45	short circuit resistant, Protected against polarity reversal, Overload protection	R412010141
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	2	64	77	short circuit resistant, Protected against polarity reversal, Overload protection	R412010143
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	2	96	109	short circuit resistant, Protected against polarity reversal, Overload protection	R412010262
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	2	128	141	short circuit resistant, Protected against polarity reversal, Overload protection	R412010264
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	2	160	173	short circuit resistant, Protected against polarity reversal, Overload protection	R412010411
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	2	192	205	short circuit resistant, Protected against polarity reversal, Overload protection	R412010413
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	2	224	237	short circuit resistant, Protected against polarity reversal, Overload protection	R412010415
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	2	256	269	short circuit resistant, Protected against polarity reversal, Overload protection	R412010417

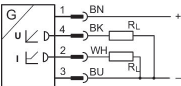
Dimensions



1* = LED 2* = teach button 3* = threaded pin M3x11
L = cable length
(2) WH=white
A = sensor length

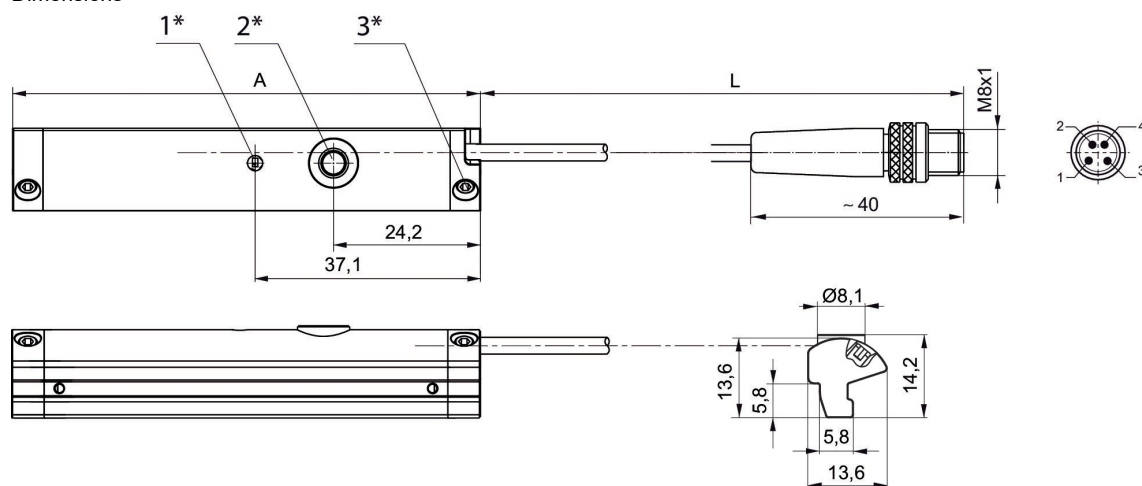
Sensors, Series SM6

PRA
PRE
CCI
KPZ
SSI
GPC
CVI
Plug
M8x1
cULus
4-pin



Direct mounting for series	Type of contact	Cable length L [m]	max. measuring range [mm]	Overall length Sensor [mm]	Version	Part No.
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	0.3	32	45	short circuit resistant, Protected against polarity reversal, Overload protection	R412010142
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	0.3	64	77	Protected against polarity reversal, Protected against polarity reversal, Overload protection	R412010144
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	0.3	96	109	Protected against polarity reversal, Protected against polarity reversal, Overload protection	R412010263
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	0.3	128	141	Protected against polarity reversal, Protected against polarity reversal, Overload protection	R412010265
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	0.3	160	173	Protected against polarity reversal, Protected against polarity reversal, Overload protection	R412010410
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	0.3	192	205	Protected against polarity reversal, Protected against polarity reversal, Overload protection	R412010412
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	0.3	224	237	Protected against polarity reversal, Protected against polarity reversal, Overload protection	R412010414
PRA, PRE, CCI, KPZ, SSI, GPC, CVI	Analog	0.3	256	269	Protected against polarity reversal, Protected against polarity reversal, Overload protection	R412010416

Dimensions



1* = LED 2* = teach button 3* = threaded pin M3x11

L = cable length

Pin assignment: 1 = (+), 2 = (OUT 1) 3 = (GND), 4 = (OUT 2), EN 60947-5-7

A = sensor length

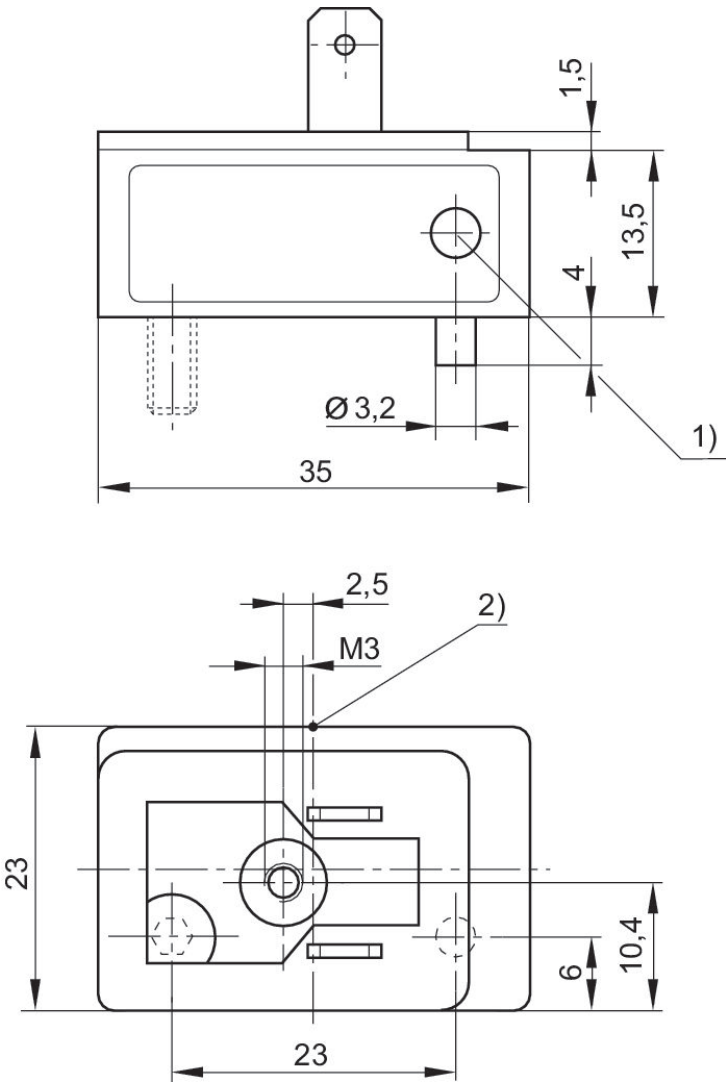
Sensor, Series SN6

Plug
Form B, industry



Type of contact	Electrical connection number of poles	Max. DC switching current [A]	Max. AC switching current [A]	Min. operating voltage DC [V DC]	Max. operating voltage DC [V DC]	Min. operating voltage AC [V AC]	Max. operational voltage AC [V AC]	Version	Part No.
Reed	2-pin	3	3	10	48	10	48		8940410602
Reed	2-pin	0.5	0.5	10	48	10	48	Protected against polarity reversal	8940410612

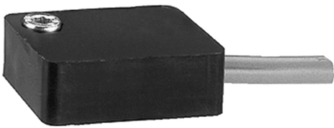
Dimensions



- 1) LED
- 2) Switching point

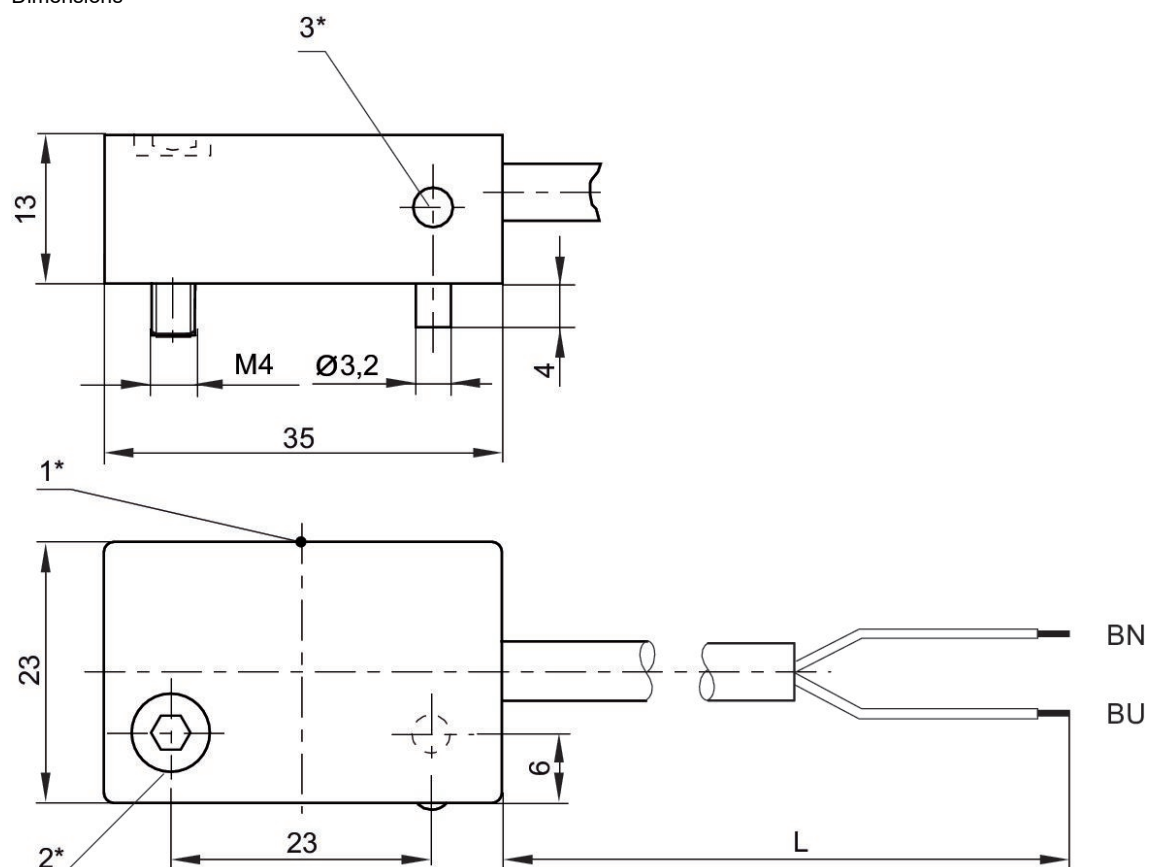
Sensor, Series SN6

without wire end ferrule, tin-plated



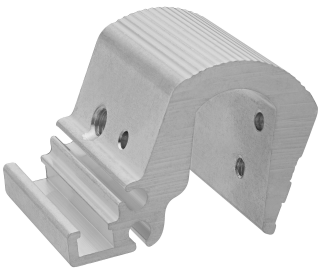
Type of contact	Cable sheath	Electrical connection number of poles	Cable length L [m]	Max. DC switching current [A]	Max. AC switching current [A]	Min. operating voltage DC [V DC]	Max. operating voltage DC [V DC]	Min. operating voltage AC [V AC]	Max. operational voltage AC [V AC]	Version	Part No.
Reed	Polyvinyl chloride	2-pin	2.5	0.5	0.5	10	48	10	48	Protected against polarity reversal	8940412022
Reed	Polyvinyl chloride	2-pin	6	0.5	0.5	10	48	10	48	Protected against polarity reversal	8940412032
Reed	Polyvinyl chloride	2-pin	2.5	3	3	10	48	10	48	Protected against polarity reversal	8940411902
Reed	Polyvinyl chloride	2-pin	10	3	3	10	48	10	48	Protected against polarity reversal	8940411922

Dimensions

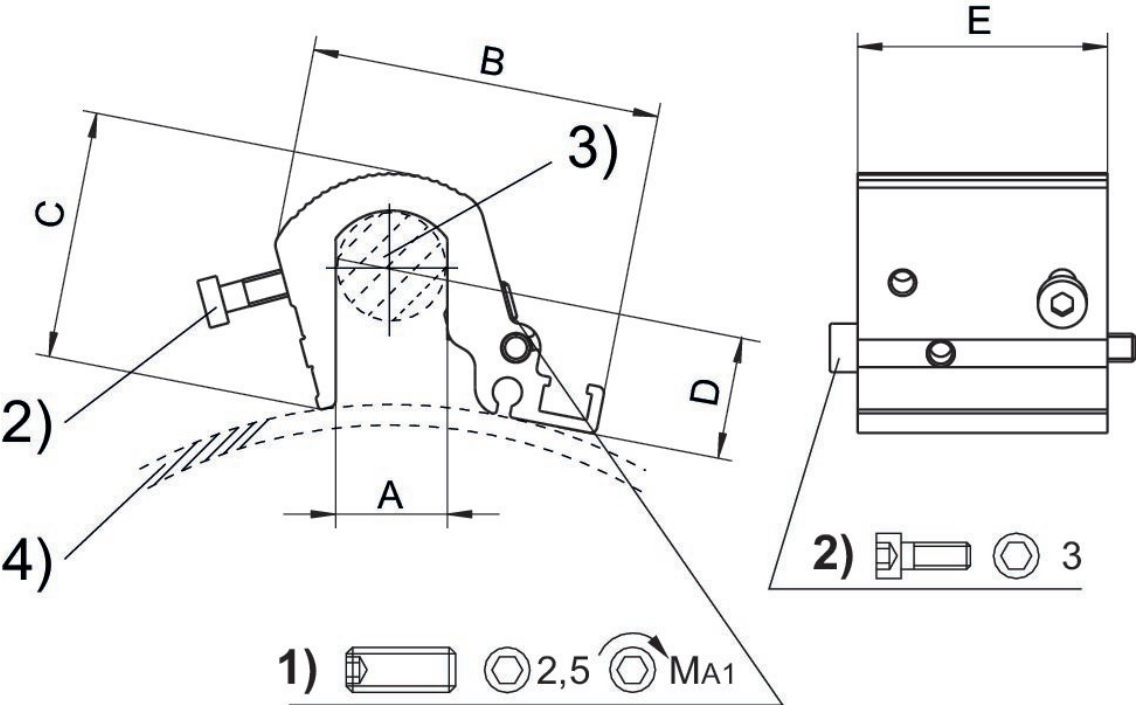


1* = switching point 2* = clamping screw 3* = LED
L = cable length BN=brown, BU=blue

Sensor mounting, Series CB1



Min. cylinder Ø [mm]	Max. cylinder Ø [mm]	for sensor	Material	Part No.
160	200	ST6, SN2, SN6, SN1, SM6	Aluminum	R412017979



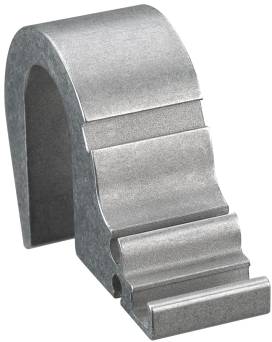
1) Clamping threaded pin 2) Mounting screws for sensor 3) Tie rod 4) Cylinder profile

Cylinders Ø	Part No.	A	B	C	D	E	MA1 [Nm]
160 - 200 mm	R412017979	16	51	36	6.8	36	2
250 - 320 mm	R412017980	24	56	44.5	6.8	36	2

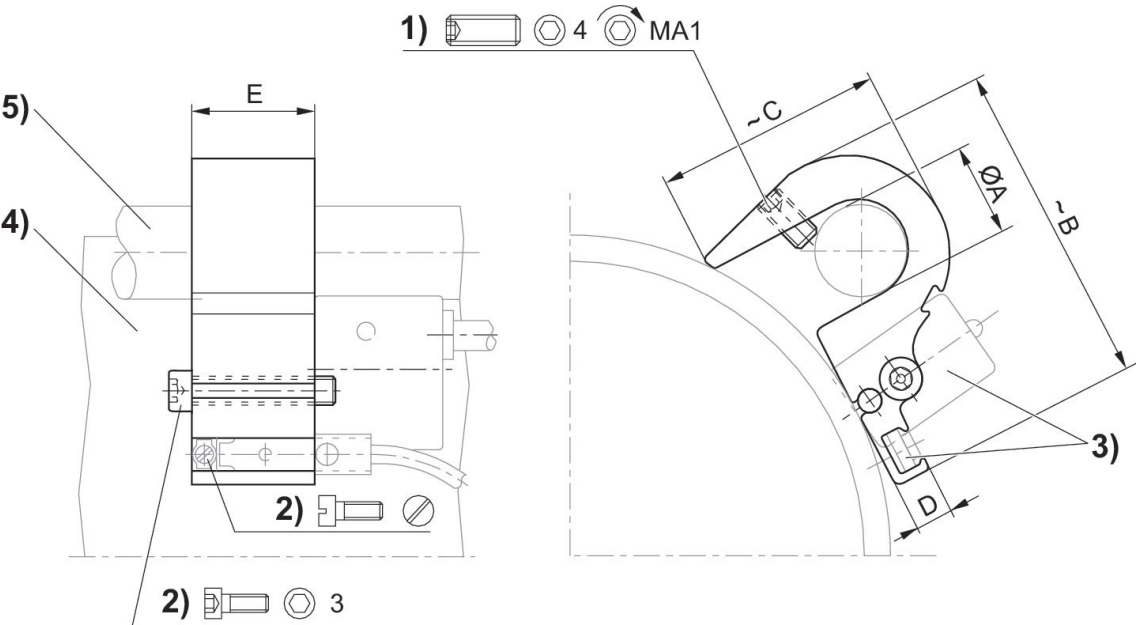
Scope of delivery: Incl. mounting screws

Sensor mounting, Series CB1

ST6
SM6
SN1
SN2



Min. cylinder Ø [mm]	Max. cylinder Ø [mm]	Material	Part No.
125	125	Aluminum	1827020292



1) Clamping threaded pin 2) Mounting screw for sensor 3) Sensor 4) Cylinder profile 5) Tie rod

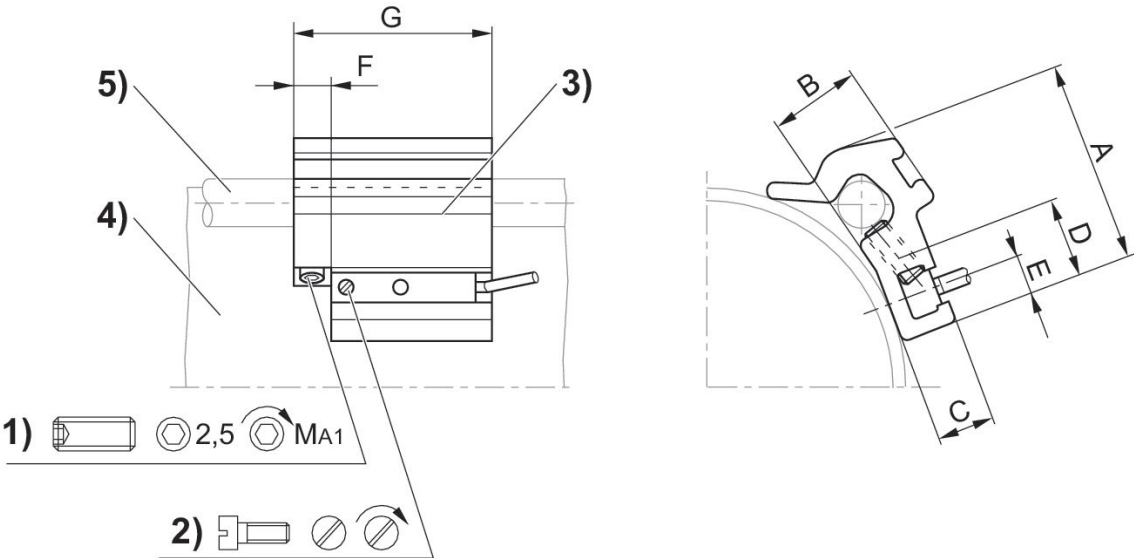
Part No.	Cylinders Ø	Ø A	B	C	D	E	Clamping threaded pin	MA1 [Nm]
1827020292	125 mm	12	45	29	6.5	21	M5x10	2

Sensor mounting, Series CB1

ST6
SM6



Min. cylinder Ø [mm]	Max. cylinder Ø [mm]	Material	Part No.
32	40	Aluminum	1827020282
50	63	Aluminum	1827020283
80	100	Aluminum	1827020284



1) Clamping threaded pin 2) Mounting screw for sensor 3) Sensor 4) Cylinder profile 5) Tie rod

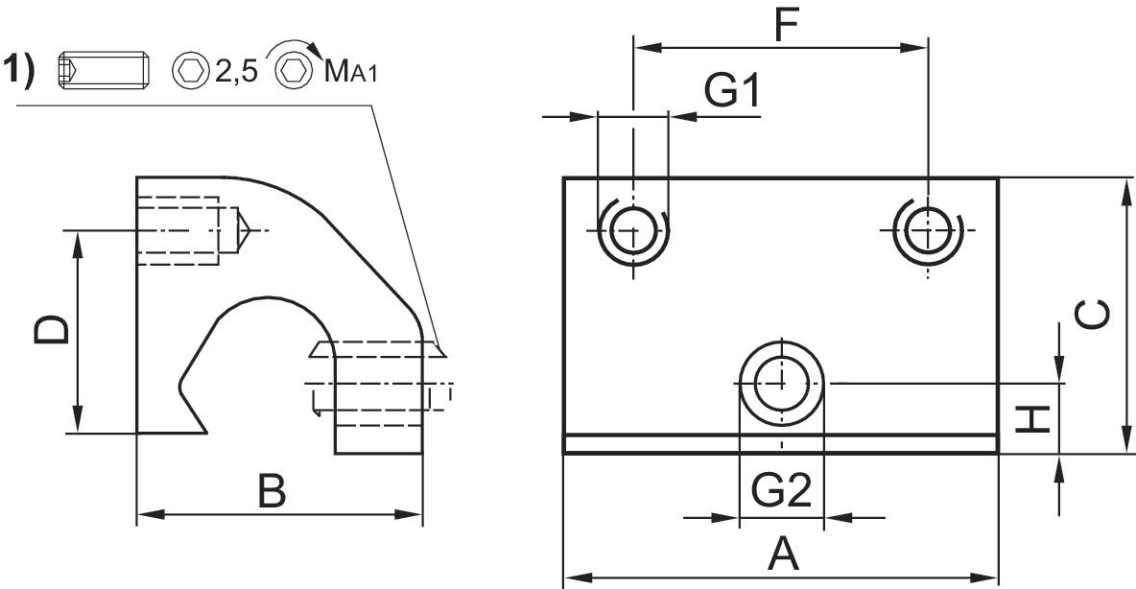
Part No.	Cylinders Ø	A	B	C	D	E	F	G	Clamping threaded pin	MA1 [Nm]
1827020282	32 - 40 mm	26	10	7	14	5	8	40	M5x8	2 ±0,2
1827020283	50 - 63 mm	32.5	15.5	7	14	5	8	40	M5x10	2 ±0,2
1827020284	80 - 100 mm	43	17	6.9	14	5	8	40	M5x16	2 ±0,2

Sensor mounting, Series CB1

SN6



Min. cylinder Ø [mm]	Max. cylinder Ø [mm]	Material	Part No.
32	63	Aluminum	3220613562
80	125	Aluminum	3220643562

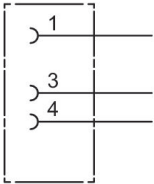


1) Clamping threaded pin

Part No.	Cylinders Ø	A	B	C	D	F	G1	G2	H	MA1 [Nm]
3220643562	80 - 125 mm	35	22	21	12	23	M4	M5	5	1,8 +0,4
3220613562	32 - 63 mm	35	22	21	16	23	M4	M5	5	1,8 +0,4

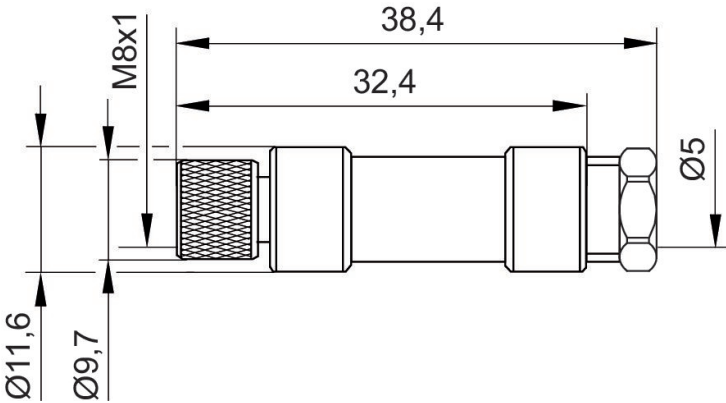
Round plug connector, Series CON-RD

Socket
M8x1
3-pin



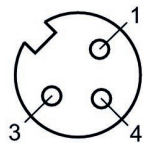
Opera-tional voltage	Contact assign-ment	Coding	Shielding	Connec-tion type	Max. current [A]	min. suit-able ca-ble Ø [mm]	max. suit-able ca-ble Ø [mm]	Min. am-bient tem-perature [°C]	Max. am-bient tem-perature [°C]	Part No.
48 V AC/DC	3-pin	A-coded	unshielded	Soldering	4	3.5	5	-25	80	1834484173

Dimensions



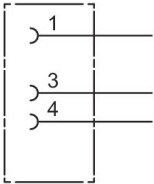
1834484173

Pin assignment, socket



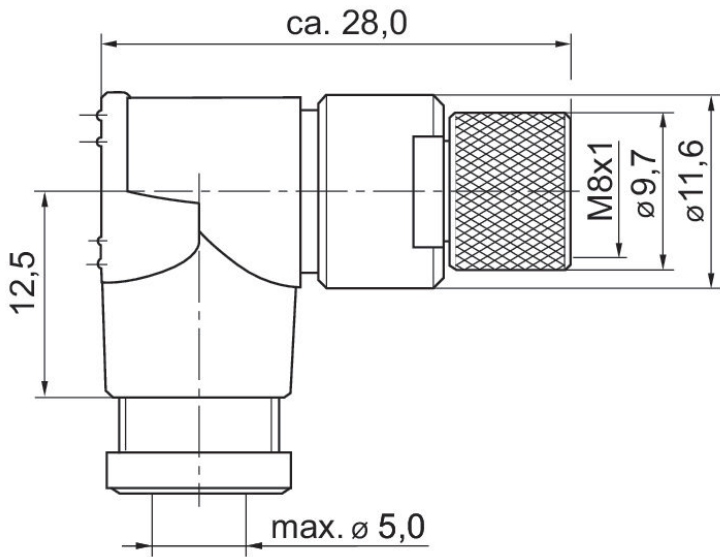
Round plug connector, Series CON-RD

Socket
M8x1
3-pin



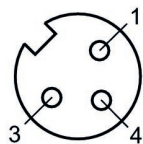
Operational voltage	Contact assignment	Coding	Shielding	Connection type	Max. current [A]	min. suitable cable Ø [mm]	max. suitable cable Ø [mm]	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
48 V AC/DC	3-pin	A-coded	unshielded	Soldering	4	3.5	5	-40	85	1834484174

Dimensions in mm



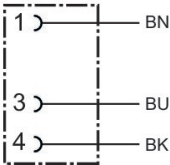
1834484174

Pin assignment, socket



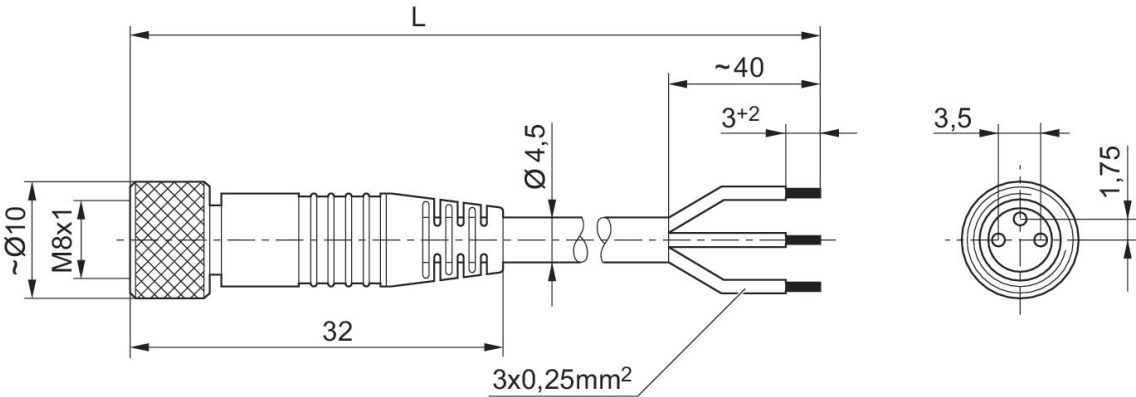
Round plug connector, Series CON-RD

Socket
M8x1
3-pin



Operational voltage	Current [A]	Shielding	Electrical connection 1, type	Electrical connection 1, thread size	Electrical connection 1, coding	Electrical connection 2, type	Cable length [m]	Cable-Ø [mm]	Wire cross-section [mm²]	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	3	4.5	0.24	-25	85	1834484166
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	5	4.5	0.24	-25	85	1834484168
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	10	4.5	0.24	-25	85	1834484247

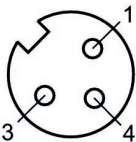
Dimensions



L = length

1834484166, 1834484168, 1834484247

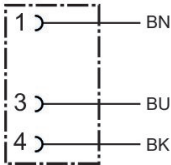
Pin assignment, socket



(1) BN=brown (3) BU=blue (4) BK=black

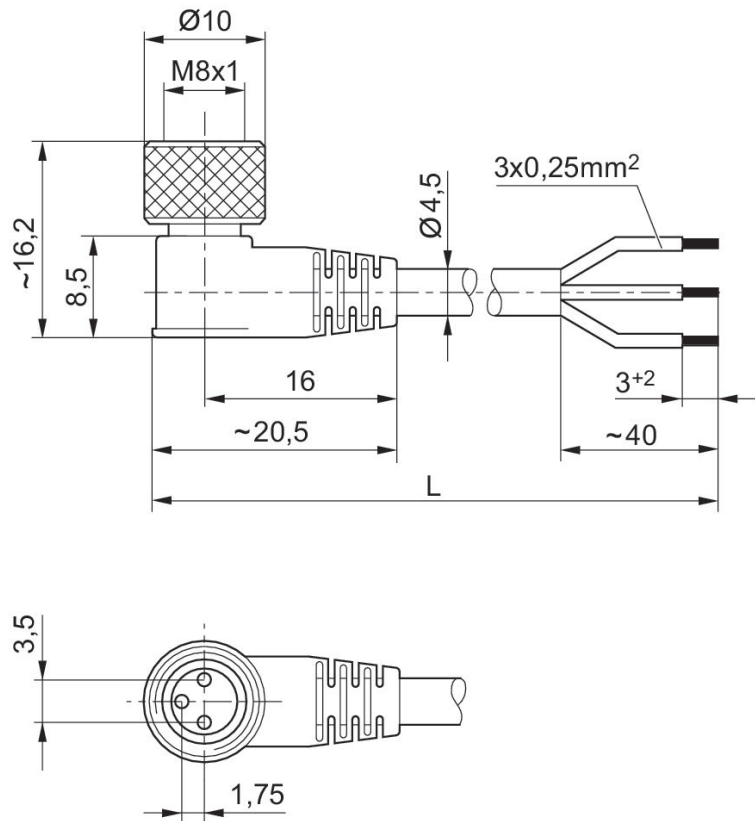
Round plug connector, Series CON-RD

Socket
M8x1
3-pin



Operational voltage	Current [A]	Shielding	Electrical connection 1, type	Electrical connection 1, thread size	Electrical connection 1, coding	Electrical connection 2, type	Cable length [m]	Cable-Ø [mm]	Wire cross-section [mm²]	Min. ambient temperature [°C]	Max. ambient temperature [°C]	Part No.
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	3	4.5	0.24	-40	85	1834484167
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	5	4.5	0.24	-40	85	1834484169
48 V AC/DC	4	unshielded	Socket	M8x1	A-coded	open cable ends	10	4.5	0.24	-40	85	1834484248

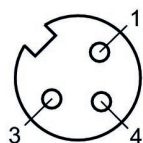
Dimensions



L = length

1834484167, 1834484169, 1834484248

Pin assignment, socket



(1) BN=brown (3) BU=blue (4) BK=black

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air supply management



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