

Cylinders ISO 15552  
Series BMA - BMT

1 - CYLINDERS

Main features

32 ÷ 125



**BMA**

Bores Ø

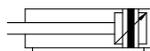
Double acting  
Magnetic  
With cushioning

Tube profile

Type



32 ÷ 125



**BMT**

Bores Ø

Double acting  
Magnetic  
With cushioning

Tube profile

Type



Technical data

Bore Ø mm	32	40	50	63	80	100	125		
Fluid	Filtered compressed air with or without lubrication. Lubrication, if started, must be continued.								
Pressure range	1 ÷ 10 bar								
Temperature range	-20°C ÷ +80°C (standard / V1)		-20°C ÷ +150°C (V)		-40°C ÷ +80°C (BT)				
Strokes	10 ÷ 2800 mm								
Cushion length	20	22	25	25	35	35	35		
Port	1/8"	1/4"		3/8"		1/2"			
Rod thread	M10x1,25	M12x1,25	M16x1,5		M20x1,5		M27x2		
Weight (g.)	Stroke zero	470	690	1.145	1.483	2.381	3.181	5.284	
	Additional 10 mm	AMA	21	29	44	47	69	80	119
		AMT	21	29	44	47	69	80	119

Standard strokes

Stroke mm	<b>BMA</b> Bore Ø mm						
	32	40	50	63	80	100	125
10							
25							
50							
80							
100							
125							
150							
160							
200							
250							
300							
320							
400							
450							
500							

Stroke mm	<b>BMT</b> Bore Ø mm						
	32	40	50	63	80	100	125
10							
25							
50							
80							
100							
125							
150							
160							
200							
250							
300							
320							
400							
450							
500							

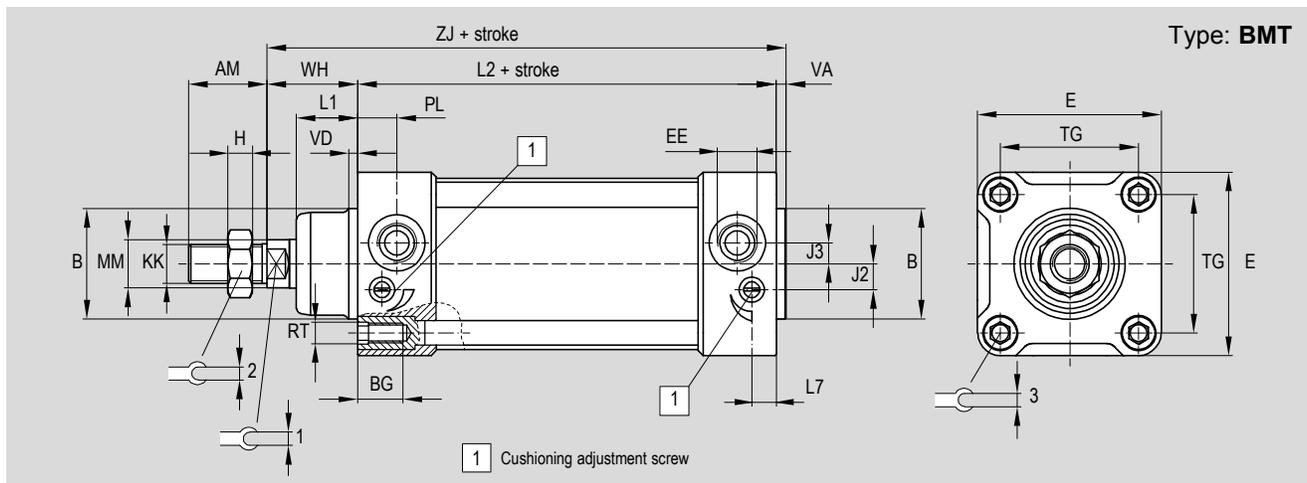
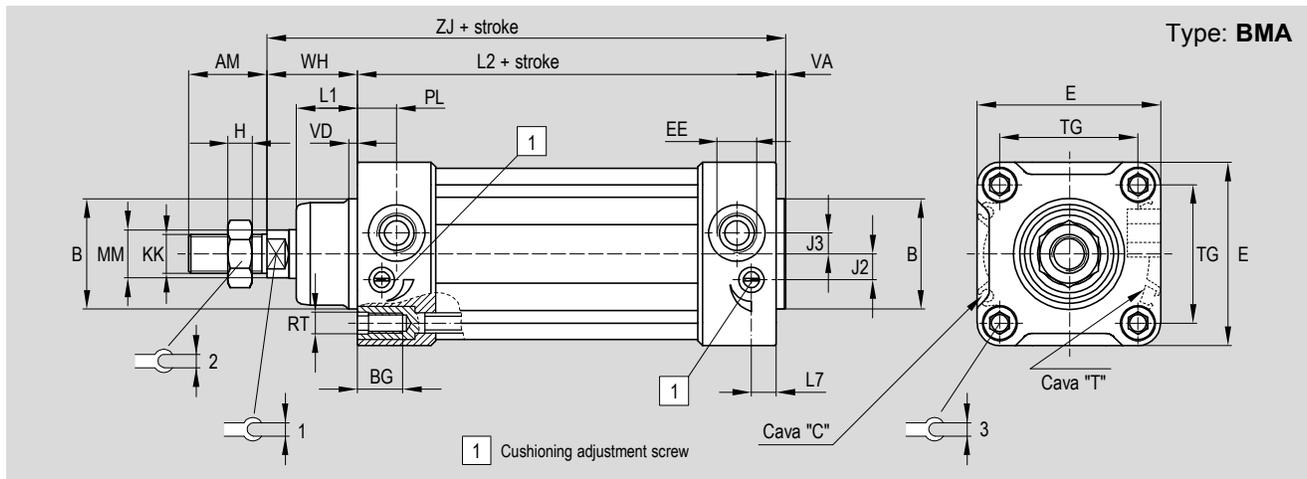
Key

Standard stroke

1.5.50

Standard dimensions

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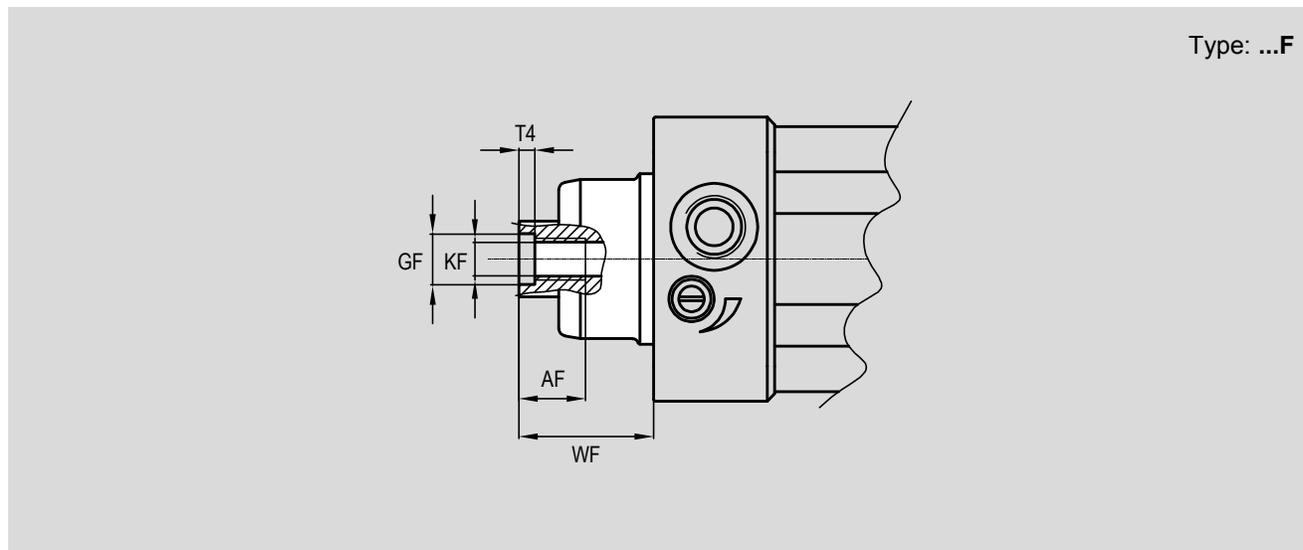
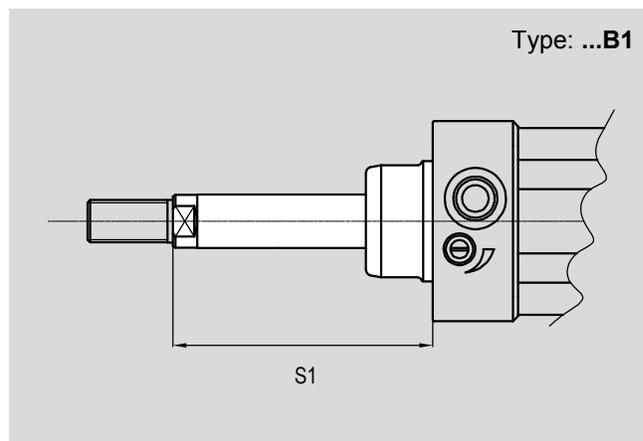
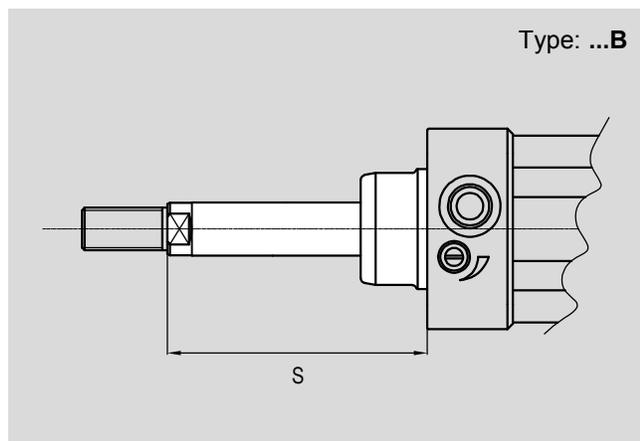
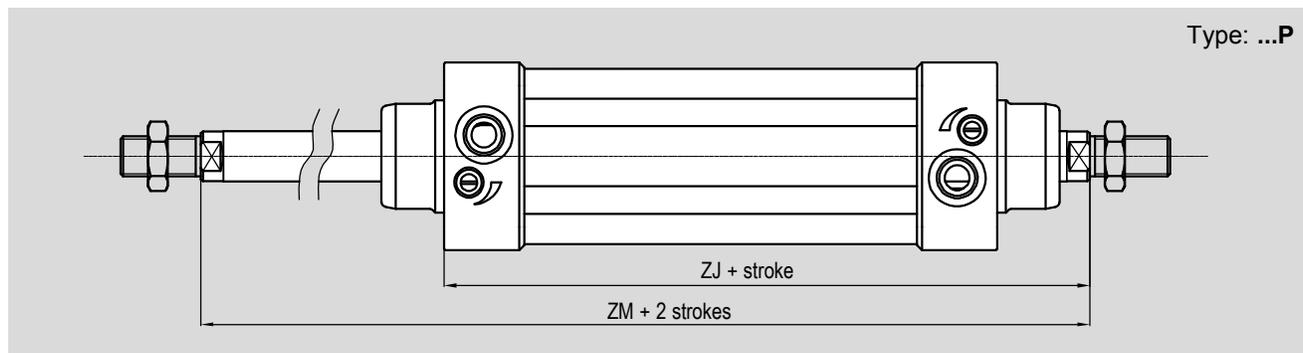
Ø (mm)	AM	ØB d11	BG	E	EE	J2	J3	ØKK	L1	L2	H
32	22	30	15	47	1/8"	5,75	5,25	M10x1,25	20	94	6
40	24	35	15	52	1/4"	8	6	M12x1,25	22	105	7
50	32	40	16	65	1/4"	10,5	6	M16x1,5	26	106	8
63	32	45	16	75	3/8"	10,5	8,5	M16x1,5	25	121	8
80	40	45	17	95	3/8"	14	9,5	M20x1,5	32	128	9
100	40	55	17	115	1/2"	15	10	M20x1,5	38	138	9
125	54	60	21	140	1/2"	20	10	M27x2	40	160	12

Ø (mm)	L7	ØMM f7	PL	RT	TG	VA	VD	WH	ZJ	1	2	3
32	18	12	11	M6	32,5	4	4	26	124	10	17	6
40	20	16	14	M6	38	4	4	30	139	13	19	6
50	20	20	15	M8	46,5	4	4	37	147	17	24	8
63	10	20	16	M8	56,5	4	4	37	162	17	24	8
80	13,5	25	20,5	M10	72	4	4	46	178	22	30	10
100	13	25	20	M10	89	4	4	51	193	22	30	10
125	30	32	25	M12	110	5	5	65	230	27	41	12

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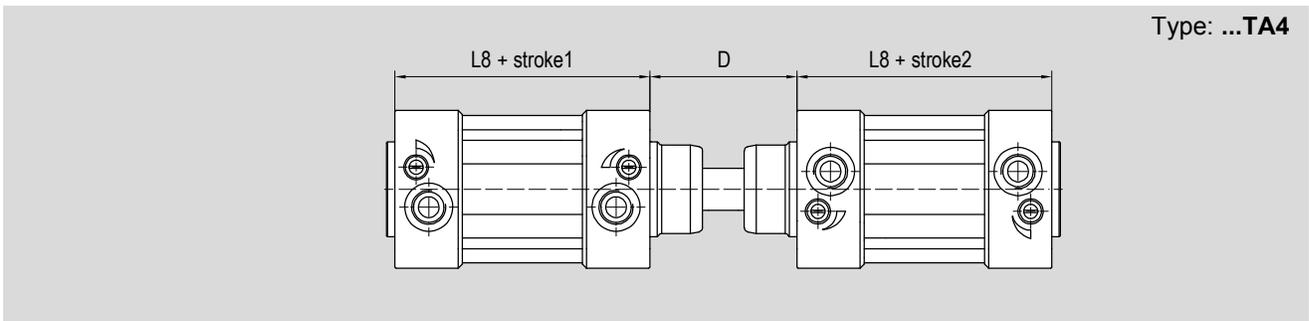
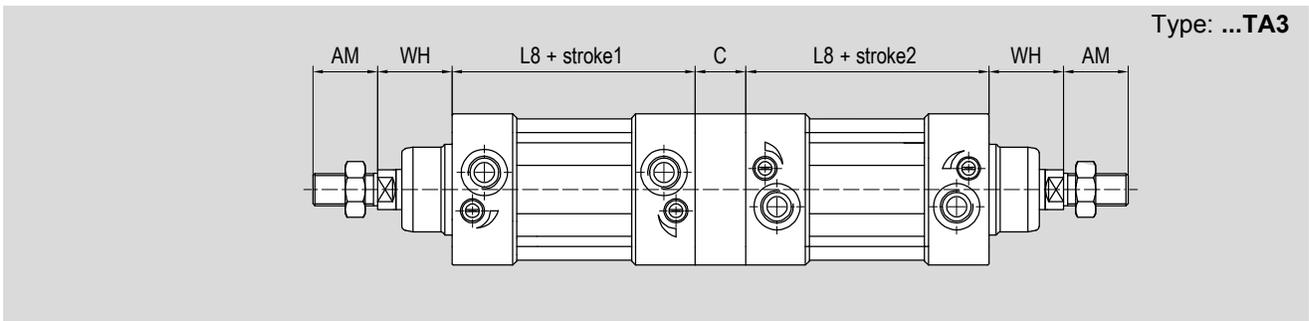
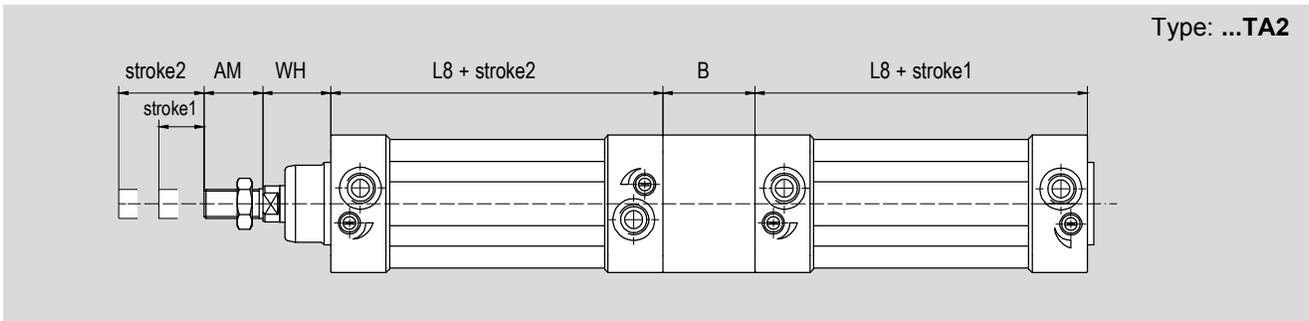
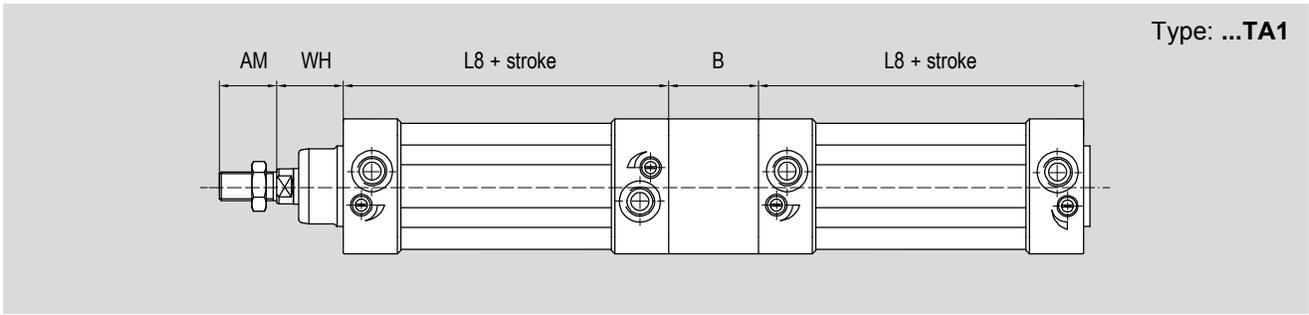
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Dimensions with options



Ø mm	AF	GF	KF	T4	WF	S	S1	ZJ	ZM
32	12	8	M6	2,6	26	74	99	120	146
40	12	10	M8	3,3	30	85	106	135	165
50	16	12	M10	4,7	37	107	127	143	180
63	16	12	M10	4,7	37	107	129	158	195
80	20	14	M12	6,1	46	136	156	174	220
100	20	14	M12	6,1	51	143	181	189	240
125	32	18	M16	8	65	187	-	225	290

Dimensions tandem versions



Ø mm	AM	B	C	D	L8	WH
32	22	40	12	48	94	26
40	24	44	12	54	105	30
50	32	52	16	69	106	37
63	32	50	16	69	121	37
80	40	64	20	86	128	46
100	40	76	20	91	138	51
125	54	80	35	120	160	65