

Standard executions		
Version	Symbol	Type
With self-lubricating bushings		GEDB
With spherical bearings		GEDS



On request, they can be supplied according to 2014/34/EU - ATEX

Series of compact guided cylinders magnetic as standard. A one piece body is provided with grooves allowing the mounting of the magnetic reed switch without further brackets; this makes the magnetic sensor not protrude outside the body itself. The bottom plates are provided with elastic cushionings.

Options	Suffix
Seals FKM -20°C ÷ +150°C	V
Special versions on request	/ S

For the magnetic reed switches type ASC see from page 1.110.1.

How to order: 32 / 50 GEDBV

The options can be combined (when this is possible).

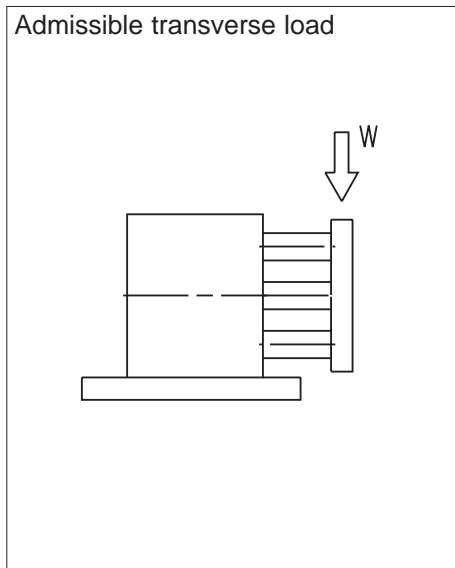
32	/	50	GEDB	V
Bore	/	Stroke	Type	Option

Technical data	
Fluid	Compressed filtered air with or without lubrication. Lubrication, if started, must be continued.
Pressure	1,5 ÷ 9 bar
Temperature range	-10°C ÷ +70°C (standard) -20°C ÷ +150°C (V)
Materials	Bottom plates: Anodised aluminium Body: Anodised aluminium Plate: Anodised aluminium Guiding rods: GEDB: Chrome-plated and ground steel GEDS: Chrome steel hardened and chrome-plated Rod: Chrome-plated steel C 45 Seals: Nitrile rubber (NBR) - Piston: Brass Guiding bushings: GEDB: Sintered bronze GEDS: Spherical bearings

Bore (mm)	Standard strokes (mm)	Max stroke (mm)
10	25, 50, 75, 100	100
16	25, 50, 75, 100, 125, 150, 175, 200	200
20		
25	30, 50, 75, 100, 125, 150, 175, 200, 250	250
32		
40	30, 50, 75, 100, 125, 150	150
50		
63		

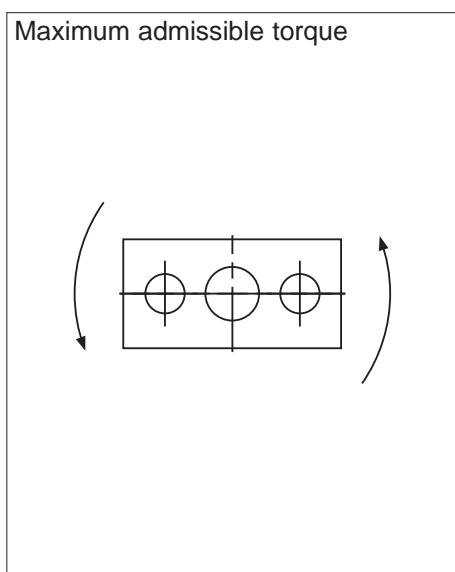
See page 1.1.3 to calculate the cylinder force.

Should you require intermediate strokes, the overall dimensions of the cylinder body will be those of the cylinder with the following standard stroke (in fact the intermediate stroke is obtained applying a distancer).



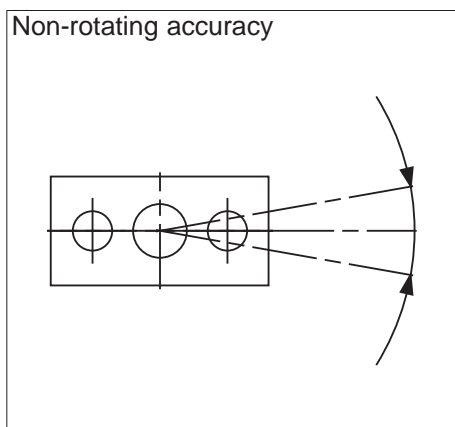
Bore mm	Type	Stroke mm							Unit: Kg.
		25	30	50	75	100	125	150	
Ø 10	GEDB	8	6	4	8	6	4	3	
	GEDS	1,5	1,2	1	4	3,5	3	2,5	
Ø 16	GEDB	8	6	4	8	6	4	3	
	GEDS	1,5	1,2	1	4	3,5	3	2,5	
Ø 20	GEDB	14	12	10	12	10	8	5	
	GEDS	2,5	2,1	2	8	6	4	3	
Ø 25	GEDB	20	18	16	20	18	15	12	
	GEDS	7	6	5	20	16	13	10	
Ø 32	GEDB	27	24	22	24	22	20	18	
	GEDS	9	8	7	25	22	27	18	
Ø 40	GEDB	27	24	22	24	22	20	18	
	GEDS	9	8	9	25	22	20	18	
Ø 50	GEDB	45	42	40	45	40	35	30	
	GEDS	12	11	9,5	40	32	28	25	
Ø 63	GEDB	45	42	40	45	40	35	30	
	GEDS	12	11	9,5	40	32	28	25	

Note: Cylinders from 75 mm stroke are supplied with double guiding bushings.

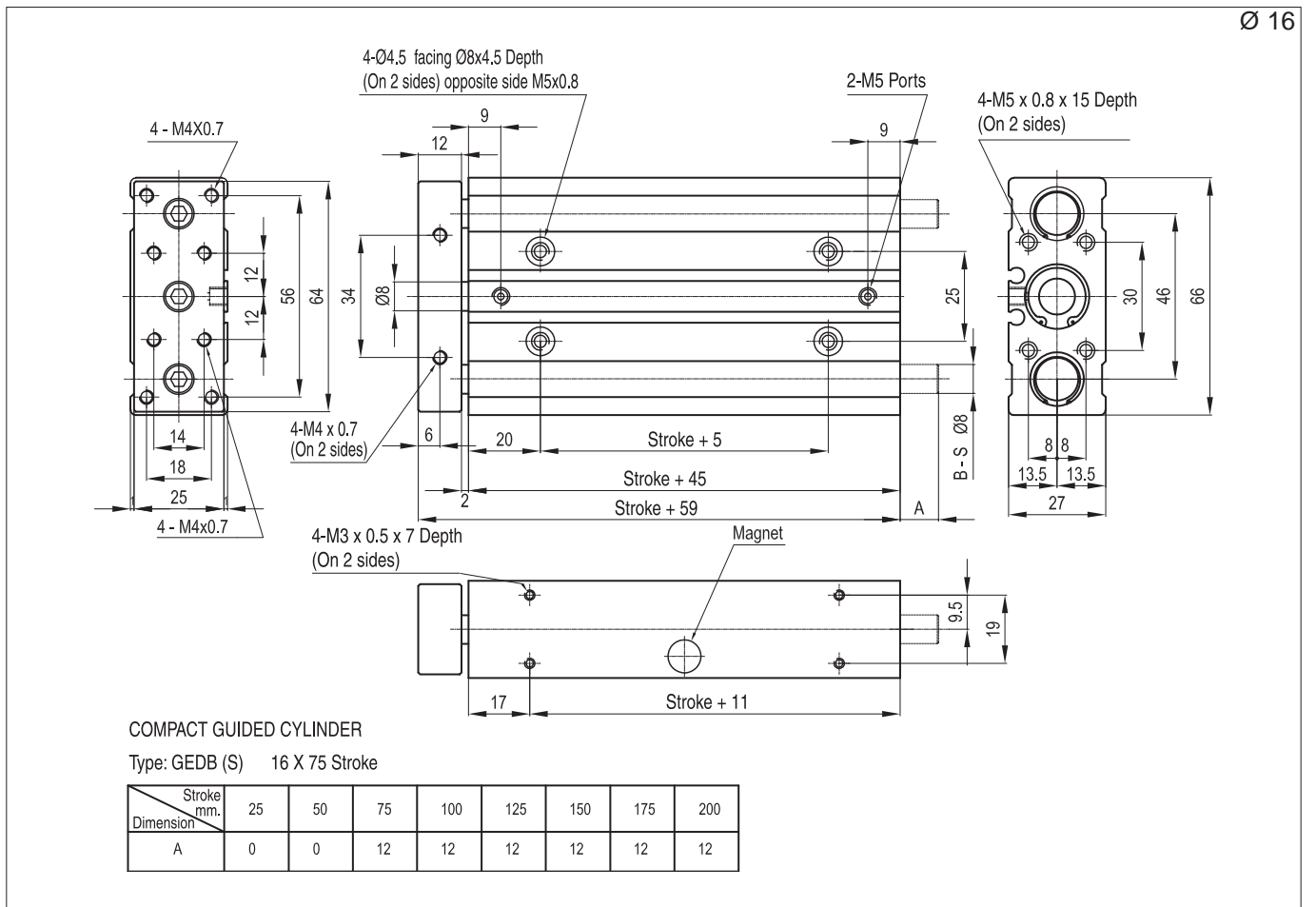
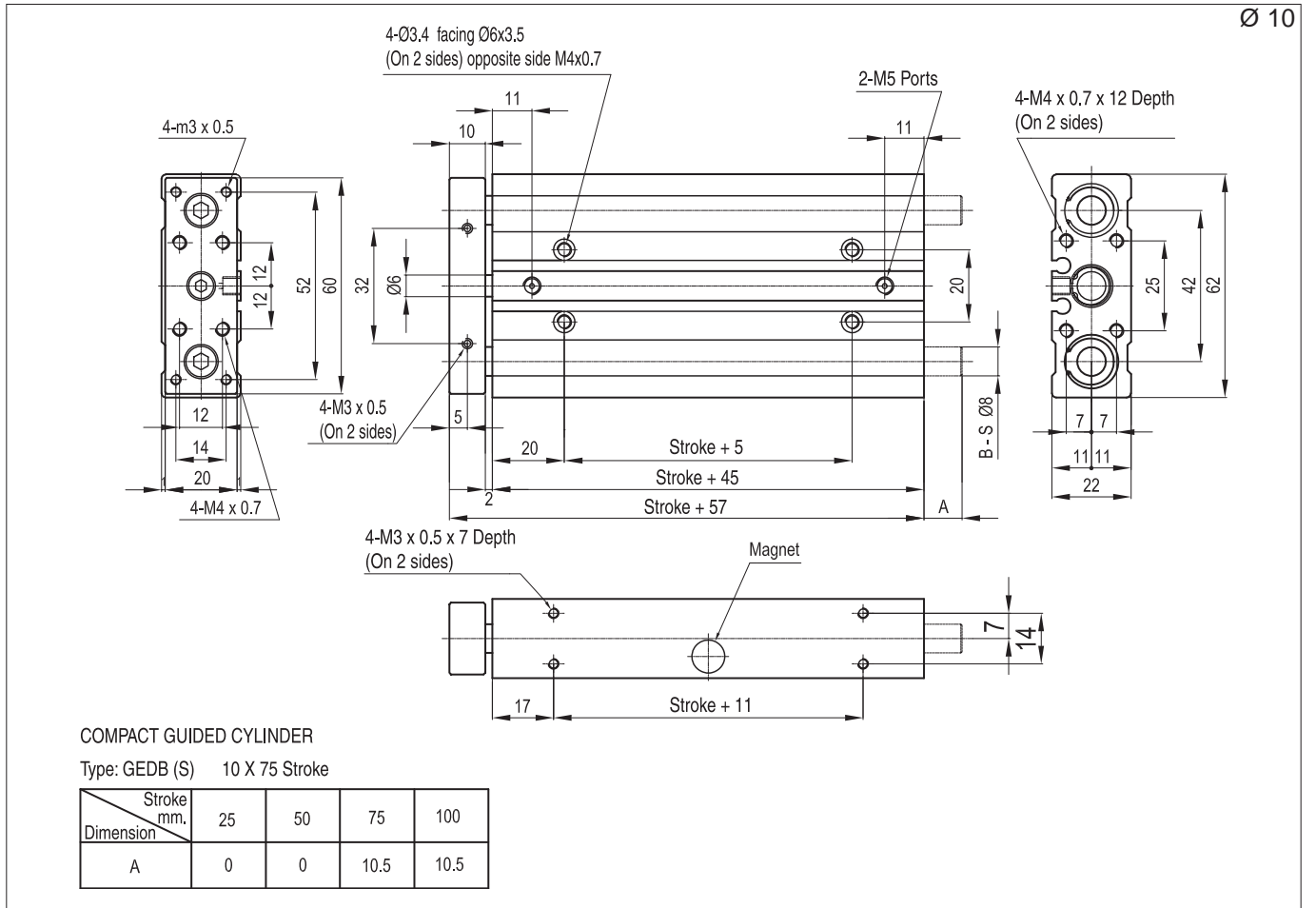


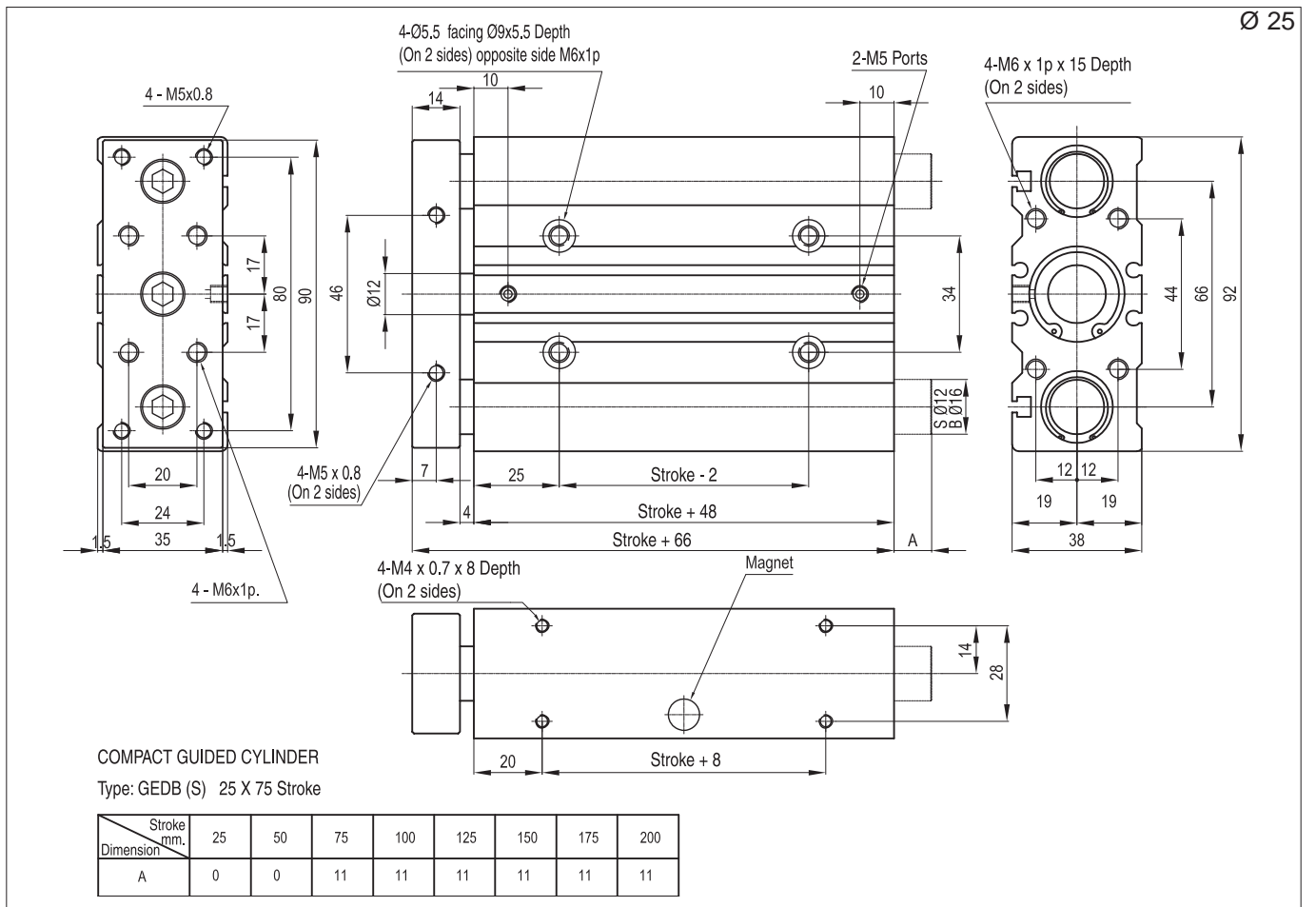
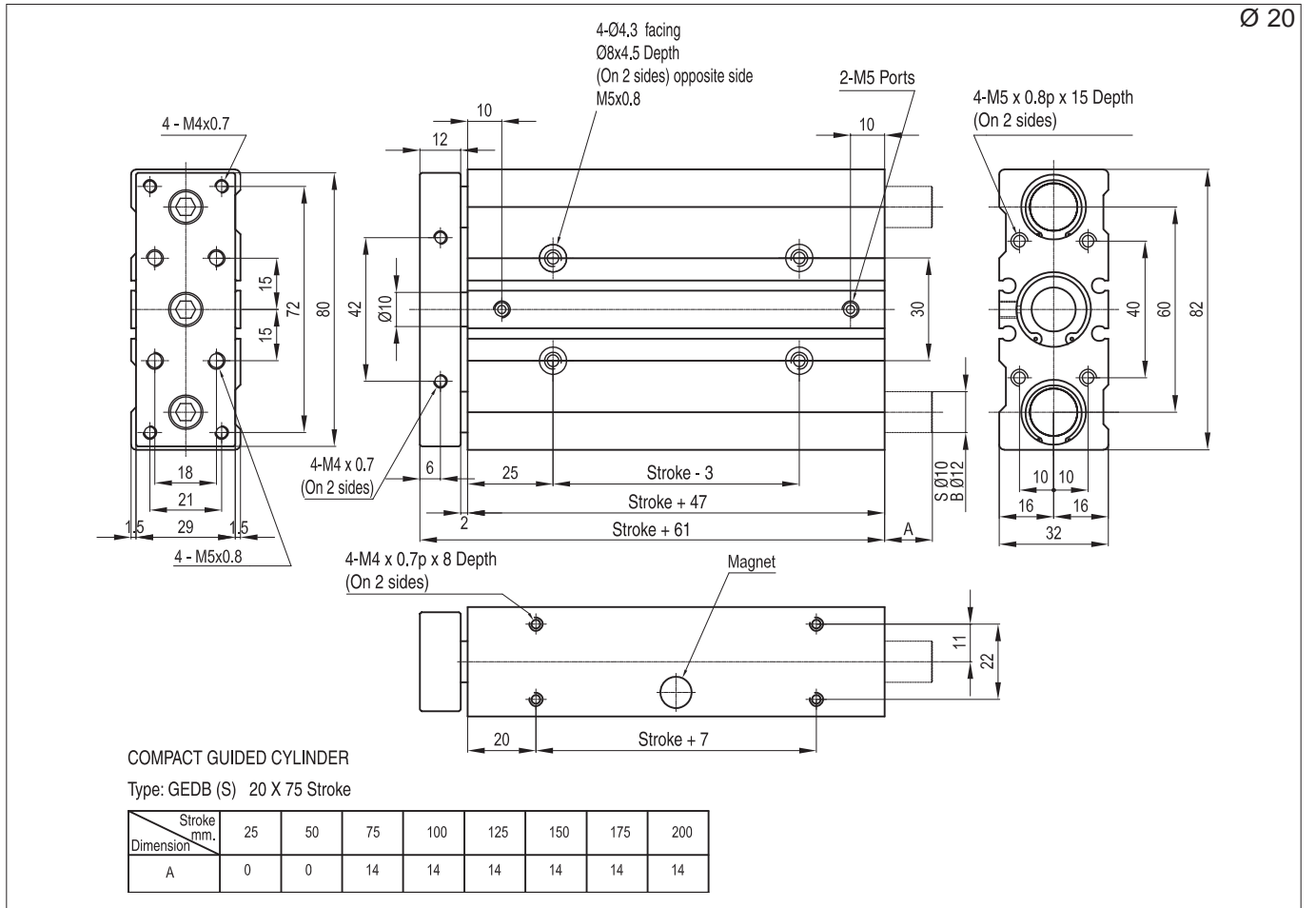
Bore mm	Type	Stroke mm							Unit: N
		25	30	50	75	100	125	150	
Ø 10	GEDB	25	20	15	25	20	15	10	
	GEDS	3	2,5	2	4	3	2	1,5	
Ø 16	GEDB	25	20	15	25	20	15	10	
	GEDS	3	2,5	2	4	3	2	1,5	
Ø 20	GEDB	40	35	30	40	35	30	25	
	GEDS	4	3	2	15	12	10	8	
Ø 25	GEDB	65	55	50	65	55	50	40	
	GEDS	2	10	8	30	25	20	16	
Ø 32	GEDB	90	80	70	90	75	60	45	
	GEDS	18	16	14	50	45	40	35	
Ø 40	GEDB	90	80	70	90	75	60	45	
	GEDS	18	16	14	50	45	40	35	
Ø 50	GEDB	150	130	110	150	120	100	80	
	GEDS	35	30	25	100	85	70	55	
Ø 63	GEDB	150	130	110	150	120	100	80	
	GEDS	35	30	25	120	85	70	55	

Note: Cylinders from 75 mm stroke are supplied with double guiding bushings.



Bore mm	Non-rotating accuracy μ
Ø 10 Ø 16	$\pm 0,18$
Ø 20 Ø 25	$\pm 0,17$
Ø 32 Ø 40	$\pm 0,16$
Ø 50 Ø 63	$\pm 0,15$





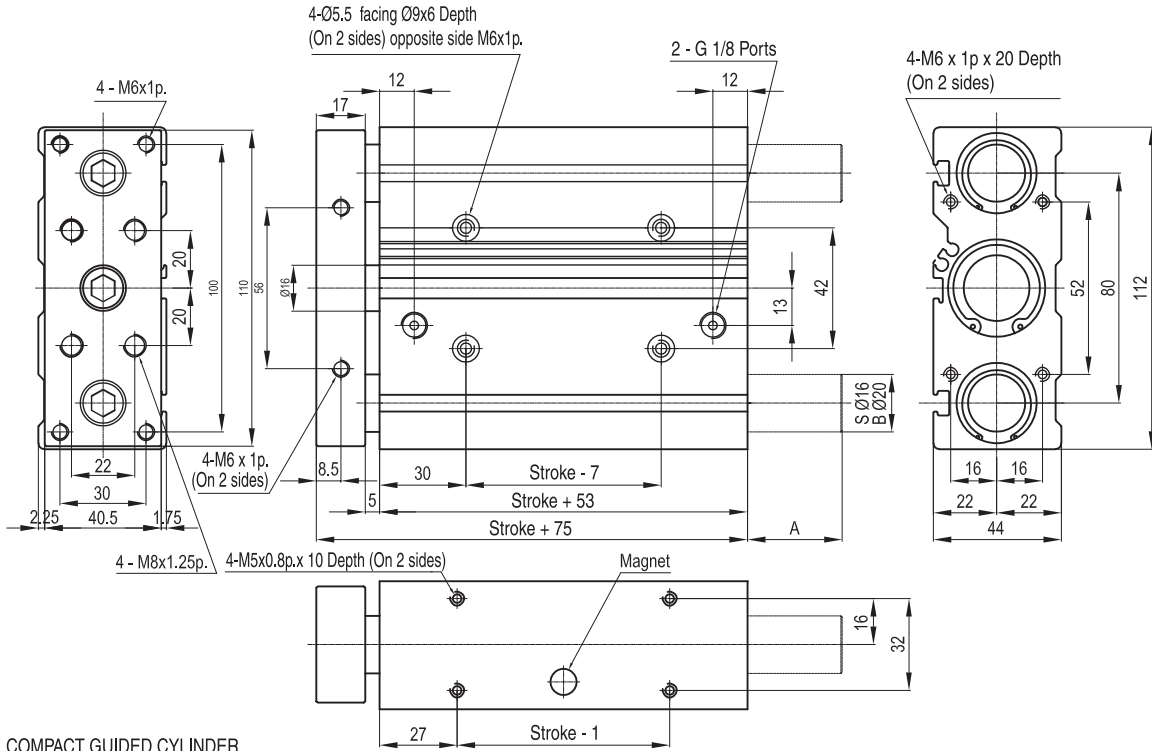
Compact Guided Cylinders

Bores from 10 to 63 mm

Ø 32 - Ø 40



Ø 32

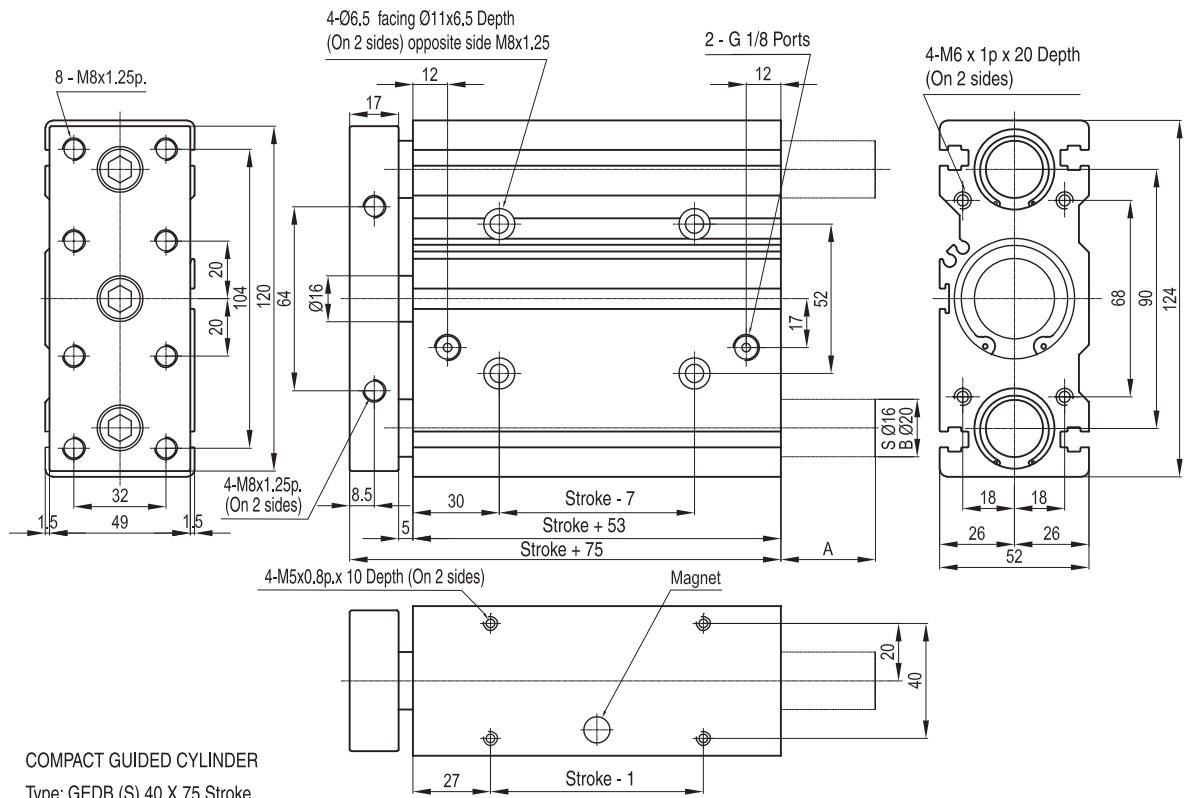


COMPACT GUIDED CYLINDER

Type: GEDB (S) 32 X 75 Stroke

Stroke Dimension mm.	30	50	75	100	125	150	175	200	250
A	0	0	33	33	33	33	33	33	33

Ø 40



COMPACT GUIDED CYLINDER

Type: GEDB (S) 40 X 75 Stroke

Stroke Dimension mm.	30	50	75	100	125	150	135	200	250
A	0	0	33	33	33	33	33	33	33

Compact Guided Cylinders

Bores from 10 to 63 mm

Ø 50 - Ø 63

