

## Cylinder with Non-Rotating Piston Rod



# Cylinder with non-rotating piston rod

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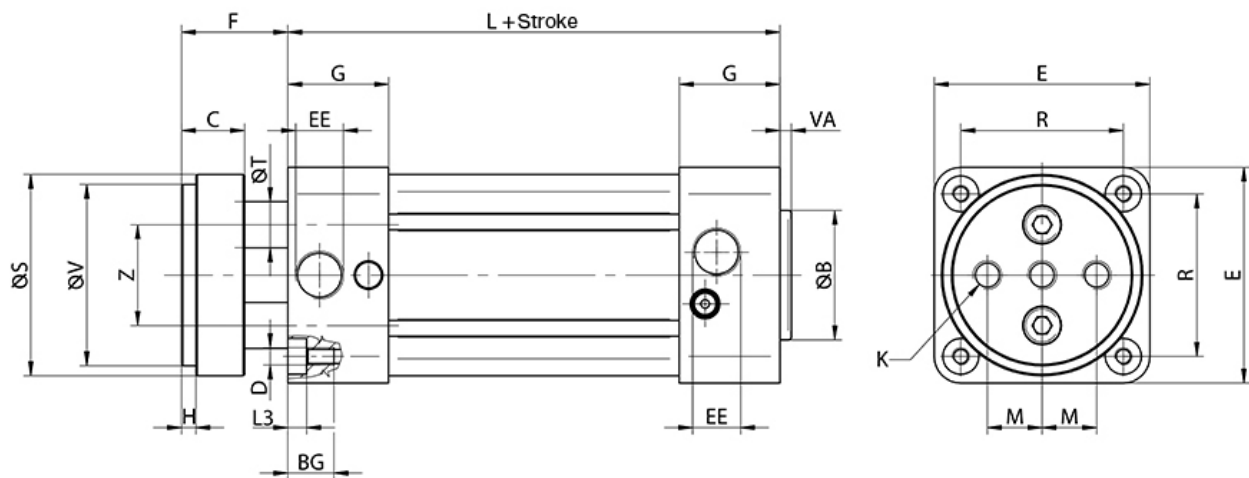
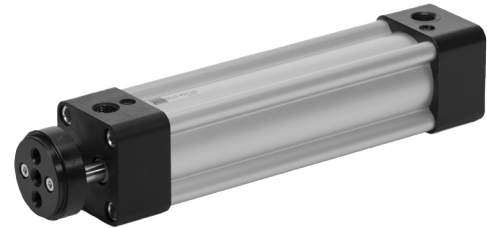
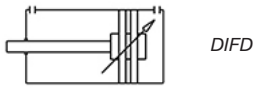
Technical information							
Diameter	Ø32 - Ø40 - Ø50 - Ø63 - Ø80 - Ø100 mm						
Stroke	25 - 50 - 80 - 100 - 125 - 160 - 200 - 250 - 320 - 400 - 500 mm						
	<table border="0"> <tr> <td>Ø32 - Ø50 mm</td> <td>_____</td> </tr> <tr> <td>Ø63 mm</td> <td>_____</td> </tr> <tr> <td>Ø80 - Ø100 mm</td> <td>_____</td> </tr> </table>	Ø32 - Ø50 mm	_____	Ø63 mm	_____	Ø80 - Ø100 mm	_____
Ø32 - Ø50 mm	_____						
Ø63 mm	_____						
Ø80 - Ø100 mm	_____						
Medium	Air						
Pressure range	1 ... 10 bar						
Temperature range	-20°C ... +80°C						
	Below 0°C air has to be dried.						

Materials	
Tube	Anodized aluminum
Heads	Die-cast aluminum
Piston	Aluminum
Piston rod	Chromed steel
Guide bushing	Sintered bronze
Seals	PUR, NBR

D	I	F	D	50	/	100	Ex
				<b>DIAMETER</b>			<b>STROKE</b>
				32			25
				40			50
				50			80
				63			100
				80			125
				100			160
							200
							250
							320
							400
							500
<b>FUNCTION</b>							
<b>I</b> Double acting							
<b>B</b> Double acting, through piston rod							
						<b>OPTIONS</b>	
						Ex ATEX version	



DIFD

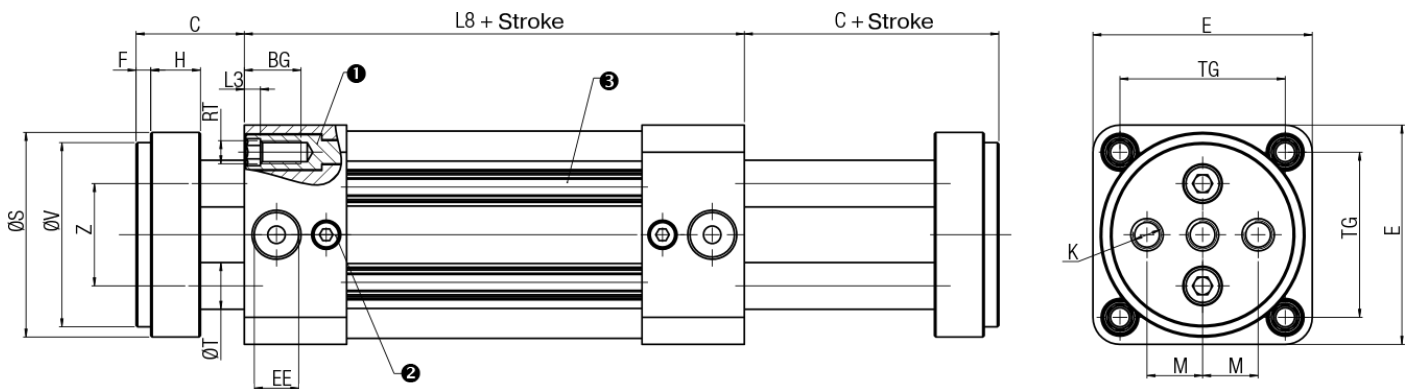
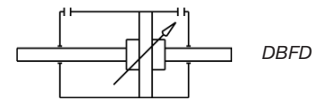


Ø [mm]	B	F	E	H	C	K	M	S	T	V	Z	VA	L	BG	D	R	EE	L3
Ø32	30	26	47	4	15	M6	9,5	35	8	32	18	4	94	16	M6	32,5	G1/8	5
Ø40	35	30	53	4	15	M8	11,25	45	10	40	22	4	105	16	M6	38	G1/4	5
Ø50	40	37	65	5	18	M8	15	55	12	50	26	4	106	16	M8	46,5	G1/4	5
Ø63	45	37	75	5	22	M10	19	70	16	63	35	4	121	16	M8	56,5	G3/8	5
Ø80	45	46	95	5	22	M12	25	85	20	80	40	4	128	17	M10	72	G3/8	6,5
Ø100	55	51	115	5	22	M12	35	105	20	100	50	4	138	17	M10	89	G1/2	6,5



# DBFD

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$\varnothing$ [mm]	$\varnothing$ Bd11	C	E	F	H	K	M	S	T	V	Z	F1	VA	L2
$\varnothing 32$	30	26	47	4	15	M6	9,5	35	8	32	18	48	4	20
$\varnothing 40$	35	30	53	4	15	M8	11,25	45	10	40	22	54	4	22
$\varnothing 50$	40	37	65	5	18	M8	15	55	12	50	26	69	4	28
$\varnothing 63$	45	37	75	5	22	M10	19	70	16	63	35	69	4	28
$\varnothing 80$	45	46	95	5	22	M12	25	85	20	80	40	86	4	34
$\varnothing 100$	55	51	115	5	22	M12	35	105	20	100	50	91	4	38

$\varnothing$ [mm]	WH	MM	SW	KK	L8	BG	RT	E	TG	EE	PL	L3	ZM
$\varnothing 32$	26	12	10	M10x1,25	94	16	M6	47	32,5	G1/8	14	5	146
$\varnothing 40$	30	16	13	M12x1,25	105	16	M6	53	38	G1/4	16	5	165
$\varnothing 50$	37	20	17	M16x1,5	106	16	M8	65	46,5	G1/4	21	5	180
$\varnothing 63$	37	20	17	M16x1,5	121	16	M8	75	56,5	G3/8	22	5	195
$\varnothing 80$	46	25	22	M20x1,5	128	18	M10	95	72	G3/8	23	6	220
$\varnothing 100$	51,5	25	22	M20x1,5	138	18	M10	115	89	G1/2	26	6	240

