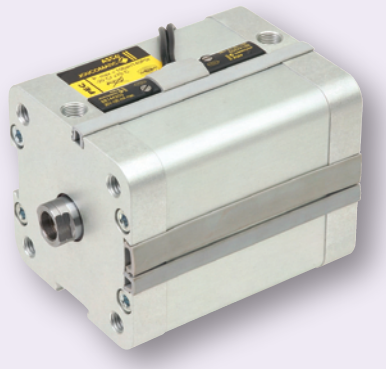


COMPACT CYLINDERS
PEC type

DOUBLE ACTING Ø 20 to 100 mm
compatible with ISO 21287
intended for magnetic position detectors

- ***Compact size: saves up to 65% in relation to an ISO cylinder***
- ***Profiled square tube for flush-mounted position detectors***
- ***Screwed ends***
- ***Uses the same mountings as ISO cylinders***

CHARACTERISTICS

Fluids	air or neutral gas, filtered, lubricated or not
Operating pressure	max: 10 bar
Temperature	-20°C to +70°C
Max. allowable speed	0,5 m/s
Tube	anodised aluminium alloy
Rod	Ø20: stainless steel, Ø25-100: chrome plated steel
Cylinder seals	NBR (nitrile)
Cushioning	elastic
Standardisation	compatibility for assembly with standardised mountings Ø20-25: ISO 21287 Ø32-100: ISO 15552 - AFNOR NF ISO 15552 - DIN ISO 15552
Connection	M5 (Ø 20 - 25 mm) G1/8 (Ø 32 - 100 mm)

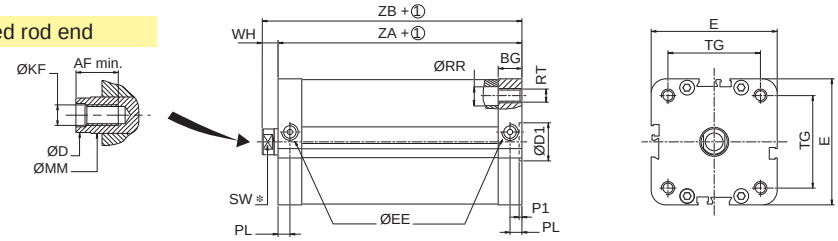
YOUR SELECTION

double acting Ø 20 to 100 mm

Ø mm	stroke mm	reference	code
20	10	PEC 20 NA 10 DM	**4495T2020010**
	20	PEC 20 NA 20 DM	**4495T2020020**
	25	PEC 20 NA 25 DM	**4495T2020025**
25	10	PEC 25 NA 10 DM	**4495T2090010**
	20	PEC 25 NA 20 DM	**4495T2090020**
	25	PEC 25 NA 25 DM	**4495T2090025**
	50	PEC 25 NA 50 DM	**4495T2090050**
32	20	PEC 32 NA 20 DM	**4495T2030020**
	25	PEC 32 NA 25 DM	**4495T2030025**
	50	PEC 32 NA 50 DM	**4495T2030050**
	80	PEC 32 NA 80 DM	**4495T2030080**
40	20	PEC 40 NA 20 DM	**4495T2040020**
	25	PEC 40 NA 25 DM	**4495T2040025**
	50	PEC 40 NA 50 DM	**4495T2040050**
	80	PEC 40 NA 80 DM	**4495T2040080**
	100	PEC 40 NA100DM	**4495T2040100**
50	20	PEC 50 NA 20 DM	**4495T2050020**
	25	PEC 50 NA 25 DM	**4495T2050025**
	50	PEC 50 NA 50 DM	**4495T2050050**
	80	PEC 50 NA 80 DM	**4495T2050080**
	100	PEC 50 NA100DM	**4495T2050100**
63	25	PEC 63 NA 25 DM	**4495T2060025**
	50	PEC 63 NA 50 DM	**4495T2060050**
	80	PEC 63 NA 80 DM	**4495T2060080**
	100	PEC 63 NA100DM	**4495T2060100**
80	50	PEC 80 NA 50 DM	**4495T2080050**
	80	PEC 80 NA 80 DM	**4495T2080080**
100	25	PEC100NA 25 DM	**4495T2010025**
	50	PEC100NA 50 DM	**4495T2010050**

DIMENSIONS

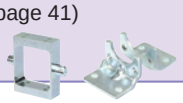
Threaded rod end



Ø mm	AF	BG	D	D1	E	EE	KF	MM	P1	PL	RR	RT	SW	TG	WH	ZA	ZB
20	10	15	9,8	12	36	M5	M6	10	2,5	10	4,5	M5	8	22	6	37	43
25	10	15	9,8	12	40	M5	M6	10	2,5	10	4,5	M5	8	26	6	39	45
32	12	16	11,8	14	47	G1/8	M8	12	2,5	7,5	6	M6	10	32,5	7	44	51
40	12	16	11,8	14	55	G1/8	M8	12	2,5	7,5	8	M6	10	38	7	45	52
50	16	16	15,8	18	65	G1/8	M10	16	2,5	7,5	10	M8	13	46,5	8	45	53
63	16	16	15,8	18	77	G1/8	M10	16	2,5	7,5	10	M8	13	56,5	8	49	57
80	20	17	19,8	23	95	G1/8	M12	20	3	8,9	14	M10	16	72	10	54	64
100	20	20	24,8	28	115	G1/8	M12	25	3	10	15	M10	21	89	10	67	77

OPTIONS AND ACCESSORIES

Standardised mountings (see page 41)

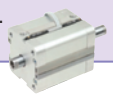


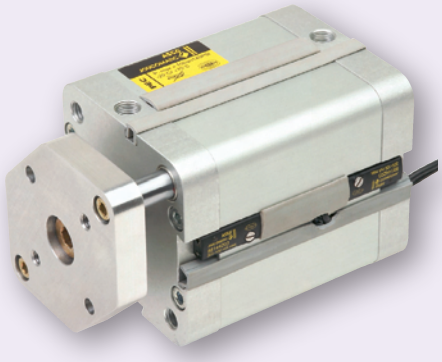
Position detectors (see page 50)

Flow regulators (see page 108)

Other strokes and diameters

Versions with hollow through rod, threaded end of the rod ...





COMPACT CYLINDERS
PEC type

WITH ANTI-ROTATION DEVICE
DOUBLE ACTING Ø 20 to 100 mm
compatible with ISO 21287
intended for magnetic position detectors

- ***Rod guidance provided by two guiding rods***
- ***Perfect control of angular position of loads***
- ***Self-lubricating bearings for minimum friction and excellent reliability***
- ***High admissible loads***

CHARACTERISTICS

Fluids	air or neutral gas, filtered, lubricated or not
Operating pressure	max. 10 bar
Temperature	-20°C to +70°C
Max. allowable speed	0,5m/s
Tube	anodised aluminium alloy
Rod	Ø20: stainless steel , Ø25-100: chrome plated steel
Piston seals	NBR (nitrile)
Cushioning	elastic
Standard	compatibility for assembly with standardised mountings Ø20-25: ISO 21287 Ø32-100: ISO 15552 - AFNOR NF ISO 15552 - DIN ISO 15552
Connection	M5 (Ø 20 - 25 mm) G1/8 (Ø 32 - 100 mm) G1/4 (Ø 100mm)

YOUR SELECTION

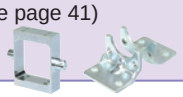
Ø mm	stroke mm	reference	code
double acting Ø 20 to 100 mm			
20	10	PEC 20 NA 10 L-DM	**44956C020010**
	20	PEC 20 NA 20 L-DM	**44956C020020**
25	10	PEC 25 NA 10 L-DM	**44956C090010**
	20	PEC 25 NA 20 L-DM	**44956C090020**
32	15	PEC 32 NA 15 L-DM	**44956C030015**
	20	PEC 32 NA 20 L-DM	**44956C030020**
	25	PEC 32 NA 25 L-DM	**44956C030025**
	40	PEC 32 NA 40 L-DM	**44956C030040**
	50	PEC 32 NA 50 L-DM	**44956C030050**
40	15	PEC 40 NA 15 L-DM	**44956C040015**
	20	PEC 40 NA 20 L-DM	**44956C040020**
	25	PEC 40 NA 25 L-DM	**44956C040025**
	30	PEC 40 NA 30 L-DM	**44956C040030**
	40	PEC 40 NA 40 L-DM	**44956C040040**
	50	PEC 40 NA 50 L-DM	**44956C040050**
	80	PEC 40 NA 80 L-DM	**44956C040080**
50	15	PEC 50 NA 15 L-DM	**44956C050015**
	20	PEC 50 NA 20 L-DM	**44956C050020**
	25	PEC 50 NA 25 L-DM	**44956C050025**
	30	PEC 50 NA 30 L-DM	**44956C050030**
	50	PEC 50 NA 50 L-DM	**44956C050050**
	80	PEC 50 NA 50 L-DM	**44956C050080**
63	15	PEC 63 NA 15 L-DM	**44956C060015**
	20	PEC 63 NA 20 L-DM	**44956C060020**
	25	PEC 63 NA 25 L-DM	**44956C060025**
	30	PEC 63 NA 30 L-DM	**44956C060030**
	50	PEC 63 NA 50 L-DM	**44956C060050**
	80	PEC 63 NA 80 L-DM	**44956C060080**
80	50	PEC 80 NA 50 L-DM	**44956C080050**
	80	PEC 80 NA 80 L-DM	**44956C080080**
100	50	PEC 100 NA 50 L-DM	**44956C010050**
	80	PEC 100 NA 80 L-DM	**44956C010080**
	100	PEC 100 NA 100 L-DM	**44956C010100**

DIMENSIONS

(see following page)

OPTIONS AND ACCESSORIES

Standardised mountings (see page 41)



Position detectors (see page 50)

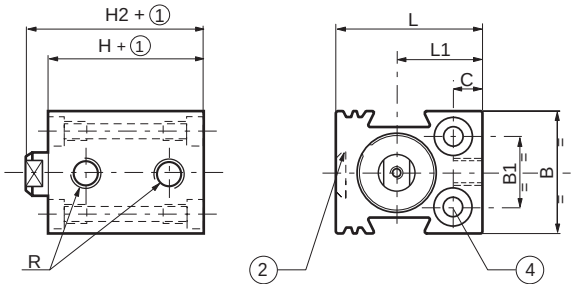
Flow regulators (see page 108)

Other strokes and diameters

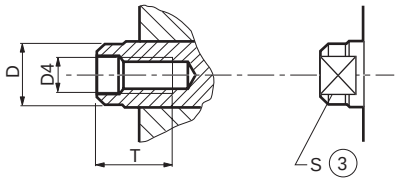
DIMENSIONS

Short stroke cylinders, K type

Ø 12 to 25 mm single and double acting

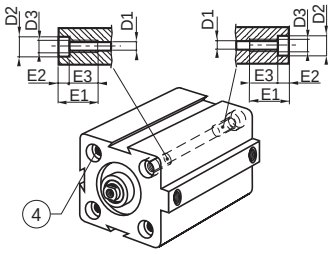


details cylinder rod Ø 12 to 100 mm

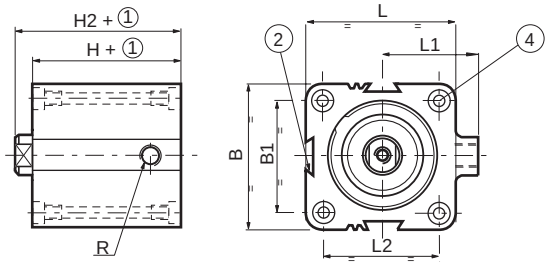


① : Stroke
② : 3rd groove on Ø 16 to 100 mm
③ : Dimension of flat surface
④ : Mounting holes and counterbores

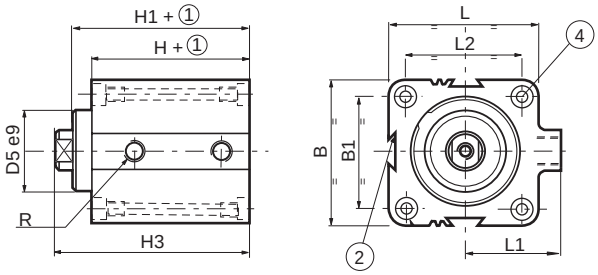
mounting holes



Ø 32 to 63 mm single acting

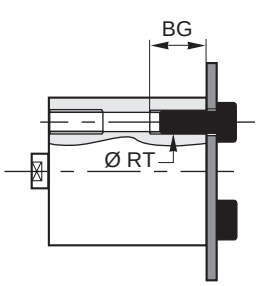


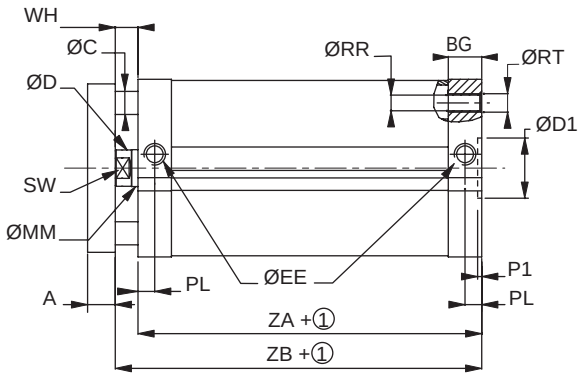
Ø 32 to 100 mm double acting

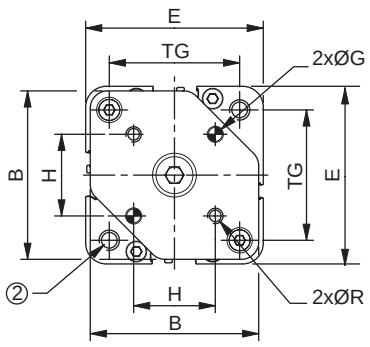


Ø mm	B	B1	C	D	D1	D2	D3	D4	D5	E1	E2	E3	H	H1	H2	H3	L	L1	L2	R	S	T
12	23	13	6,5	4	3,4	6	M4	M 2,5	-	12	3,4	8,6	24	-	25	-	27,5	18,5	-	M 5	-	3,5
16	28	18	8	7,8	4,5	8	M5	M 4	-	15	4,6	10,4	32	-	36,5	-	34	20	-	M 5	6	8
20	32	20	9	9,8	5,5	10	M6	M 5	-	18	5,7	12,3	32	-	36,5	-	40	24	-	G 1/8	8	11
25	38	26	9	9,8	5,5	10	M6	M 5	-	18	5,7	12,3	38,5	-	44	-	44	25	-	G 1/8	8	11
32	45	32	-	11,8	5,5	10	M6	M 6	26	18	5,7	12,3	39,5	44,5	45	50,5	48	32	36	G 1/8	10	12
40	55	42	-	11,8	5,5	10	M6	M 6	28	18	5,7	12,3	39,5	45,5	46	52	55	37,5	42	G 1/8	10	12
50	65	50	-	15,8	6,6	11	M8	M 8	34	20	6,8	13,2	39,5	45,5	47	53	65	42,5	50	G 1/8	13	14
63	80	62	-	15,8	8,6	15	M10	M 8	38,5	25	9	16	42	50	48,5	57,5	80	47,5	62	G 1/8	13	14
80	100	82	-	19,8	8,6	15	M10	M 10	44	25	9	16	46	56	54	64	100	60	82	G 1/4	17	16
100	124	103	-	24,8	10,25	18	M12	M 12	56	30	11	19	56	66,5	66	76,5	124	72	103	G 1/4	22	20

Compact PEC type cylinders with anti-rotation device







① : Stroke

Ø mm	A	B	BG	C	D	D1	E	EE	G	H	MM	P1	PL	R	RR	RT	SW	TG	WH	ZA	ZB
20	8	30,5	15	5	9,8	12	36	M5	4	12	10	2,5	10	M4	4,5	M5	8	22	6	37	43
25	8	36,5	15	6	9,8	12	40	M5	5	15,6	10	2,5	10	M5	4,5	M5	8	26	6	39	45
32	10	45,3	16	8	11,8	14	47	G1/8	5	19,8	12	2,5	7,5	M5	6	M6	10	32,5	7	44	51
40	10	51	16	8	11,8	14	55	G1/8	5	23,3	12	2,5	7,5	M5	8	M6	10	38	7	45	52
50	12	62	16	10	15,8	18	65	G1/8	6	29,7	16	2,5	7,5	M6	10	M8	13	46,5	8	45	53
63	12	73	16	10	15,8	18	77	G1/8	6	35,4	16	2,5	7,5	M6	10	M8	13	56,5	8	49	57
80	14	91	17	12	19,8	23	95	G1/8	8	46	20	3	8,5	M8	14	M10	16	72	10	54	64
100	16	111	20	12	24,8	28	115	G1/8	10	56,6	20	3	10	M10	15	M10	21	89	10	67	77