

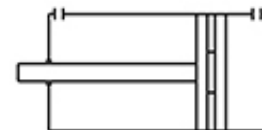
Cylinders

Short stroke cylinders

BF 32/15

Double acting cylinder | magnetic piston | female thread | B-series

HAFNER



B-series: Short stroke cylinders for use where space is at an absolute premium.

Features: magnetic piston, built-in cushioning rings. Proximity switches can be mounted directly into the profile tube.

Diameter | Ø12 - Ø16 - Ø20 - Ø25 - Ø32 - Ø40 - Ø50 - Ø63 - Ø80 - Ø100 mm

Stroke | 5... 100 mm, according to the chart below

Other non-standard strokes are available on request.

Medium | Air

Working pressure | 1 ... 10 bar

Temperature range | -20°C ... +80°C

Below 0°C air has to be dried.

Body | Anodized aluminum

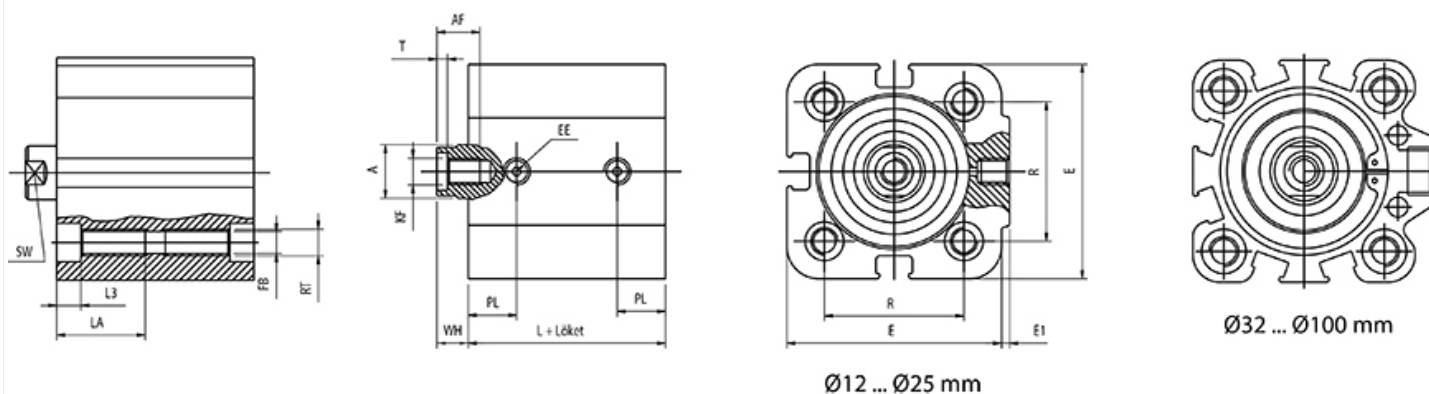
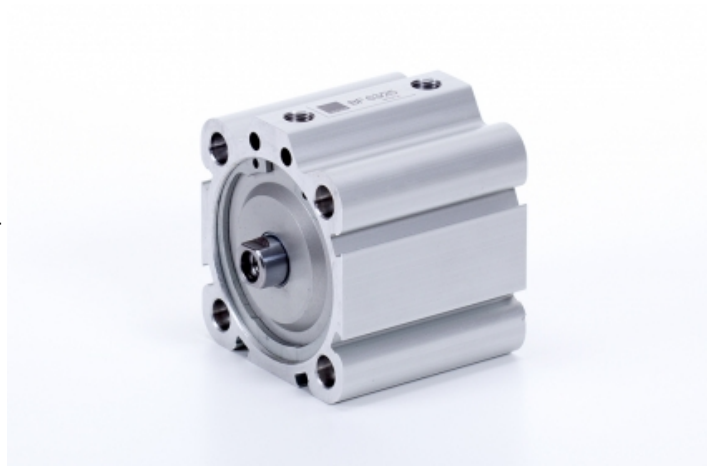
Heads | Anodized aluminum

Drive piston | Aluminum

Piston rod | Ø12 ... Ø25 stainless steel | Ø32 ... Ø100 chromed steel

Guide bushing | Sintered bronze

Seals | PUR, NBR



Type	Ø [mm]	A	E	E1	FB	L	L3	R	T	AF	EE	KF	LA	PL	RT	SW	WH
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BF 12/...	Ø 12	6	29	1	3,3	28	3,5	18	1,5	6	M 5	M 3	12,5	7,5	M 4	5	6
BF 16/...	Ø 16	8	29	1	3,3	30,5	3,5	18	2	8	M 5	M 4	14,5	8,5	M 4	7	6
BF 20/...	Ø 20	10	36	1,5	4,2	31,5	4,5	22	2	8	M 5	M 5	16,5	9	M 5	9	6
BF 25/...	Ø 25	10	40	1,5	4,2	31,5	4,5	26	2	8	M 5	M 5	16,5	9	M 5	9	6
BF 32/...	Ø 32	12	45	3,5	5	32	5,7	32,5	2,8	10	G 1/8"	M 6	21,7	10	M 6	10	7
BF 40/...	Ø 40	12	52	5	5	38,5	5,7	38	2,8	10	G 1/8"	M 6	21,7	11	M 6	10	7,2
BF 50/...	Ø 50	16	63,5	7	6,8	39	6,8	46,5	3,5	12	G 1/8"	M 8	22,8	11	M 8	13	8,5
BF 63/...	Ø 63	16	77	7	6,8	46	6,8	56,5	3,5	12	G 1/8"	M 8	22,8	11,5	M 8	13	8
BF 80/...	Ø 80	20	92	10	8,5	54	9	72	4,5	16	G 1/8"	M 10	25	14	M 10	17	11
BF 100/...	Ø 100	25	113	13	8,5	65	9	89	6	20	G 1/4"	M 12	25	17,5	M 10	22	12

Specifications

Diameter	Ø 32 mm
Stroke	15 mm
Connection	G 1/8"
Piston diameter	Ø 12 mm
Piston diameter, female	M 6
Operating pressure	1...10 bar

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