

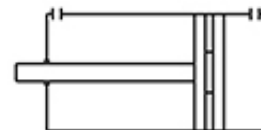
Cylinders

Compact cylinders | UNITOP

QIF 80/100

HAFNER

Double acting cylinder | magnetic piston | male thread | Q-series



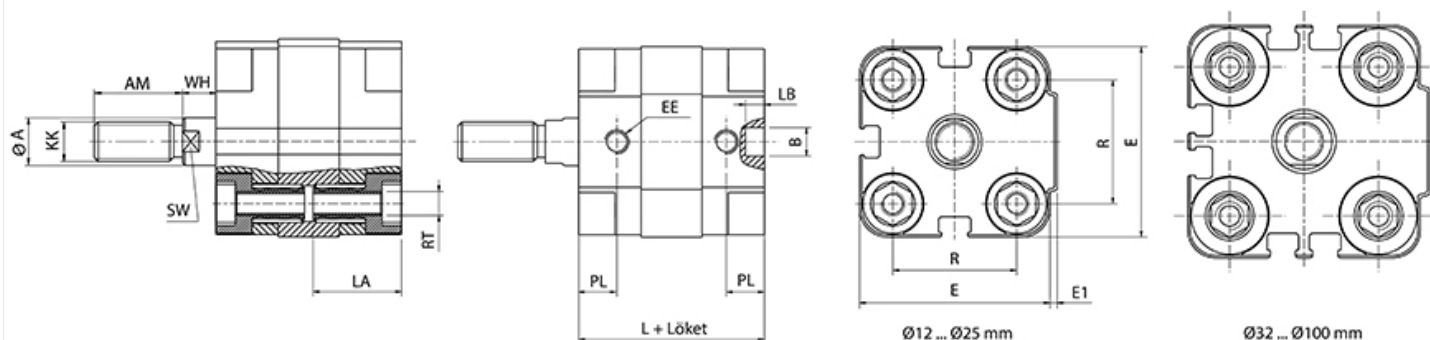
Q-series: Compact cylinders according to UNITOP
Features: magnetic piston, built-in cushioning rings.
Proximity switches can be mounted directly into the profile tube.

The fixing nut on the piston rod is part of the delivery content.

Diameter | Ø12 - Ø16 - Ø20 - Ø25 - Ø32 - Ø40 - Ø50 - Ø63 - Ø80 - Ø100 mm
Stroke | 5... 200 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	B	E	E1	L	R	T	AM	EE	KK	LA	LB	PL	RT	SW	WH
QIF 12/...	Ø 12	6	6	29	1	35	18	1,5	16	M 5	M 6	16	4	6,5	M 4	5	7,5
QIF 16/...	Ø 16	8	6	29	1	35	18	2	20	M 5	M 8	16	4	6,5	M 4	7	8,5

QIF 20/...	Ø 20	10	6	36	1,5	39	22	2	22	M 5	M 10 x 1,25	18,5	4	8	M 5	9	7
QIF 25/...	Ø 25	10	6	40	1,5	39	26	2	22	M 5	M 10 x 1,25	18,5	4	8	M 5	9	7
QIF 32/...	Ø 32	12	6	50	2	42	32	2,8	22	G 1/8"	M 10 x 1,25	21,5	4	6,5	M 6	10	7
QIF 40/...	Ø 40	12	6	60	2,5	45,5	42	2,8	22	G 1/8"	M 10 x 1,25	21,5	4	7,5	M 6	10	8,5
QIF 50/...	Ø 50	16	6	68	3	45,5	50	3,5	24	G 1/8"	M 12 x 1,25	23,5	4	7,5	M 8	13	10
QIF 63/...	Ø 63	16	8	87	4	51	62	3,5	24	G 1/8"	M 12 x 1,25	28,5	4	7,5	M 10	13	10,5
QIF 80/...	Ø 80	20	8	107	4	62	82	4,5	32	G 1/8"	M 16 x 1,5	28,5	4	9,5	M 10	17	13
QIF 100/...	Ø 100	25	8	128	5	68	103	6	40	G 1/4"	M 20 x 1,5	28,5	4	10,5	M 10	22	15,5

Specifications

Diameter	Ø 80 mm
Stroke	100 mm
Connection	G 1/8"
Piston diameter	Ø 20 mm
Piston diameter, male	M 16 x 1,5
Operating pressure	1...10 bar

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