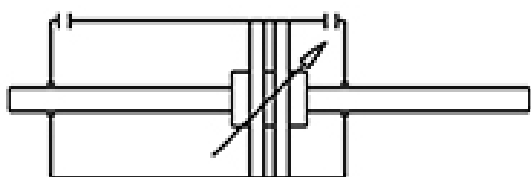


HBF 50/800

HAFNER

Normalizovaný valec | ISO 15552



Properties

Prípoj	G 1/4"
Závit piestnice	M16 x 1,5 - vonkajší závit
ISO norma	ISO 15552 (v minulosti ISO 6431)
Pracovné médium	Stlačený vzduch
Ťažná sila	940 N
Piest	Magnetický
Materiál tesnenia	Polyuretán, NBR
Materiál krytu	Hliníkový tlakový odlatok
Priemer	Ø50
Teplotný rozsah	-20°C...+80°C
Materiál telesa valca	Eloxovaný hliník
Materiál piestu	Hliník
Materiál vodiaceho puzdra	Sintrovaný bronz
Zdvih	800 mm
Pracovný tlak	1...10 bar
Prítlačná sila	1119 N
Tlmenie	Nastaviteľné
Materiál piestnice	Tvrdo chrómovaná oceľ (CK45)
Funkcia	Dvojčinný

Technical drawing of the 3000 series hydraulic cylinder, showing side and front views with dimensions.

Side View Dimensions:

- $F \cdot zdv_{vh}$: Total length of the cylinder.
- AM : Distance from the front flange to the start of the main body.
- $WH \cdot zdv_{vh}$: Distance from the front flange to the start of the main body.
- G : Distance from the start of the main body to the rear flange.
- $L \cdot zdv_{vh}$: Distance from the start of the main body to the rear flange.
- VQ : Distance from the front flange to the start of the main body.
- EE : Distance from the start of the main body to the rear flange.
- SW : Distance from the front flange to the start of the main body.
- BG : Distance from the start of the main body to the rear flange.
- $\varnothing B$: Outer diameter of the front flange.
- $\varnothing A$: Outer diameter of the main body.
- KK : Distance from the front flange to the start of the main body.

Front View Dimensions:

- E : Total width of the cylinder.
- R : Distance from the centerline to the outer edge of the main body.
- $\varnothing C$: Outer diameter of the main body.

Typ	Ø [mm]	A	B	D	E	F	G	L	R	AM	BG	EE	KK	SW	VD	WH
HBF 32/...	Ø 32	12	30	M 6	47	48	26,5	94	32,5	22	16	G 1/8"	M 10 x 1,25	10	18	26
HBF 40/...	Ø 40	16	35	M 6	54,5	54	31	105	38	24	16	G 1/4"	M 12 x 1,25	13	22	30
HBF 50/...	Ø 50	20	40	M 8	65	69	31	106	46,5	32	16	G 1/4"	M 16 x 1,5	17	25,5	37
HBF 63/...	Ø 63	20	45	M 8	75	69	33,5	121	56,5	32	16	G 3/8"	M 16 x 1,5	17	26	37
HBF 80/...	Ø 80	25	45	M 10	93	86	40	128	72	40	17	G 3/8"	M 20 x 1,5	22	32	46
HBF 100/...	Ø 100	25	55	M 10	110	91	40,5	138	89	40	17	G 1/2"	M 20 x 1,5	22	38	51
HBF 125/...	Ø 125	32	60	M 12	134	119	47	160	110	54	20	G 1/2"	M 27 x 2	27	46	65