

EHFF Series

- EVOTEK SAE fixed flange ball valves



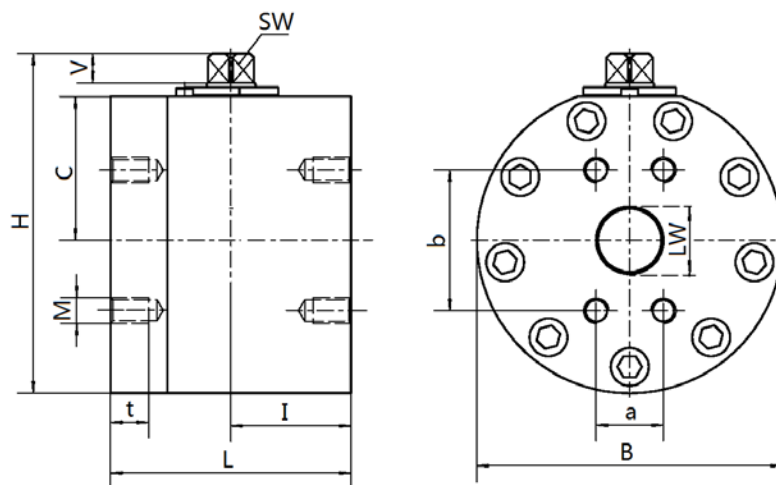
Product Description

- Operating pressure up to 420 bar
- DN up to 125
- Application in Hydraulic systems, off-shore equipment, Machine tools
- All ball valves can be supplied with the following options: Actuator, Limit controls & Lock

Technical Specifications

Application:	In-line assembly
Flange dimensions:	ISO 6162, tables 1 and 2 (SAE J 518C)
Flange connections:	SAE fixed flange
Type of construction:	Shut-off device is a ball
Nominal pressure:	PN 35 bar up to PN 420 bar (according to dimension table)
Operating fluids:	Oils, petroliferous and petrochemical products
Operating temperature range:	-20°C to 100°C
Standard Material	
Body:	Carbon Steel
Ball:	Carbon Steel
Stem:	Carbon Steel
Lever:	Zinc Alloy Bent (DN 06 to 25) Steel Straight (DN 06 to 25) Steel Bent (DN 32 to 50)
Ball seat:	POM
O-rings:	NBR/FKM

EHFF



Type	SAE size	DN	PN(bar)	LW	L	I	B	C	H	V	SW	a	b	M	t
EHFF-15-F3	½"	15	350	15	75	35	78	31	83	11	12	17.5	38.1	M8	16
EHFF-20-F3	¾"	20	350	20	80	35	98	37	100	12	14	22.2	47.6	M10	18
EHFF-25-F3	1"	25	320	25	88	38	117	39.5	113	12	14	26.2	52.4	M10	18
EHFF-32-F3	1¼"	32	210	30	100	50	145	68	160	14	17	30.2	58.7	M10	20
EHFF-40-F3	1½"	40	210	38	110	55	165	78	180	14	17	35.7	69.8	M12	20
EHFF-50-F3	2"	50	210	48	116	58	197	94	213	14	17	42.9	77.8	M12	20
EHFF-65-F3	2½"	65	175	60	150	75	197	92	209	14	17	50.8	88.9	M12	20
EHFF-80-F3	3"	80	160	70	140	70	207	98	225	24	20	61.9	106.4	M16	24
EHFF-100-F3	4"	100	35	95	170	85	257	121	275	26	24	77.8	130.2	M16	24
EHFF-125-F3	5"	125	35	118	210	105	295	140	323	36	36	92.1	152.4	M16	30
EHFF-15-F6	½"	15	420	15	75	35	78	31	83	11	12	18.2	40.5	M8	16
EHFF-20-F6	¾"	20	420	20	80	35	98	37	100	12	14	23.8	50.8	M10	18
EHFF-25-F6	1"	25	420	25	88	38	117	39.5	113	12	14	27.8	57.2	M12	20
EHFF-32-F6	1¼"	32	400	30	100	50	145	68	160	14	17	31.8	66.7	M14	22
EHFF-40-F6	1½"	40	400	38	110	55	165	78	180	14	17	36.5	79.4	M16	24
EHFF-50-F6	2"	50	400	48	116	58	197	94	213	14	17	44.5	96.8	M20	28
EHFF-65-F6	2½"	65	350	60	170	85	217	100	229	14	17	58.7	123.8	M24	41
EHFF-80-F6	3"	80	350	70	170	85	256	120	278.5	24	20	71.4	152.4	M30	47

EVOTEK Flanged Ball Valves with SAE Connections

Order Codes

Ball Valve Series	A	B	C	D	E	F	G
EHFF	15	F3	B	02	C	C	M

Select the code for each ball valve feature according to your requirements and place it in the sequence (see example above) to create the corresponding product order code.

A Connection Size

15	DN15
20	DN20
25	DN25
32	DN32
40	DN40
50	DN50
65	DN65
80	DN80
100	DN100(Only 3000psi)
125	DN125(Only 3000psi)

B SAE Flanged version

F3	3000 PSI (210 bar)
F6	6000 PSI (420 bar)

C O-Ring Material

B	NBR
V	FKM
E	EPDM

D Lever Options

02	Zinc Alloy Bent (DN 06 to 25)
03	Steel Straight (DN 06 to 25)
04	Steel Bent (DN 32 to 65)
05	Steel Straight, long (DN 80 to 125)

E Body and Connection Material

C	Carbon Steel
S	Stainless Steel

F Ball / Stem Material

C	Carbon Steel
S	Stainless Steel

G Ball Seat Material

M	POM
E	PTFE
K	PEEK