

EHFB/EHFM Series

- EVOTEK Flanged Ball Valves with DIN Connections



Product Description

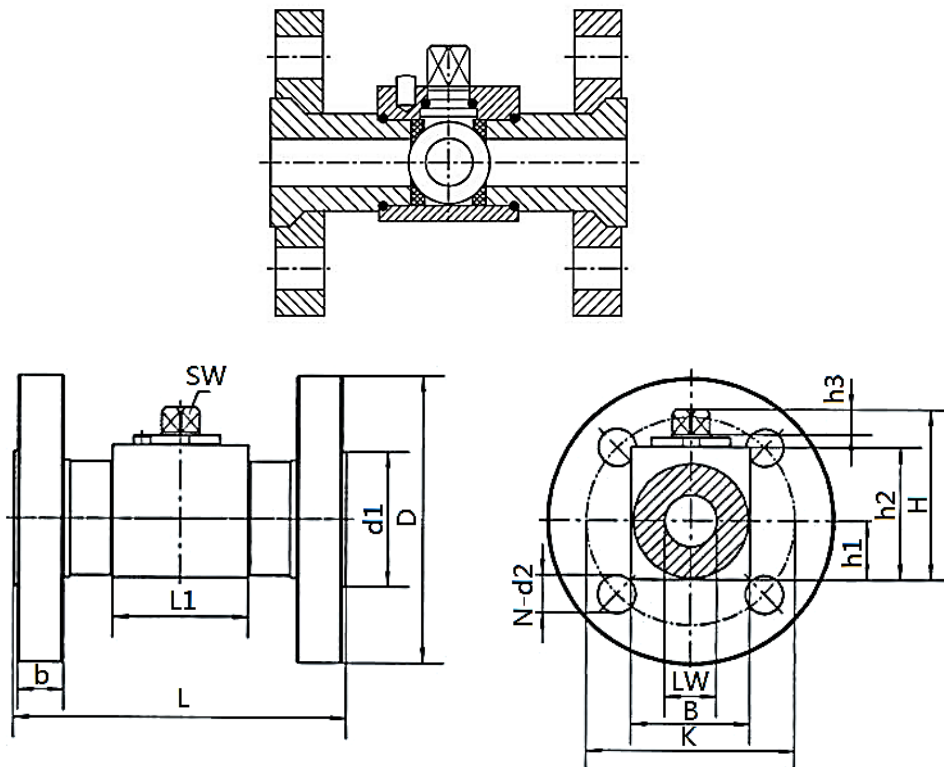
- Operating pressure up to 315 bar
- DN up to 50
- Application in Hydraulic systems, off-shore equipment, power station, energy supply
- All ball valves can be supplied with the following options: Actuator, Limit controls & Lock

Technical Specifications

Application:	In-line assembly
Length:	DIN-EN 558-1 - FTF, basic range 1 (DIN 3202 – F1, long version)
Flange dimensions:	DIN EN 1092, type B2
Flange connections:	Rotating flanges
Construction:	Block type EHFB (DN 04~25) Forged type EHFM (DN 32~50)
Type of construction:	Shut-off device is a ball
Nominal pressure:	PN 40 bar up to PN 315 bar (according to dimension table)
Operating fluids:	Oils, petroliferous and petrochemical products
Operating temperature range:	-20°C to 100°C

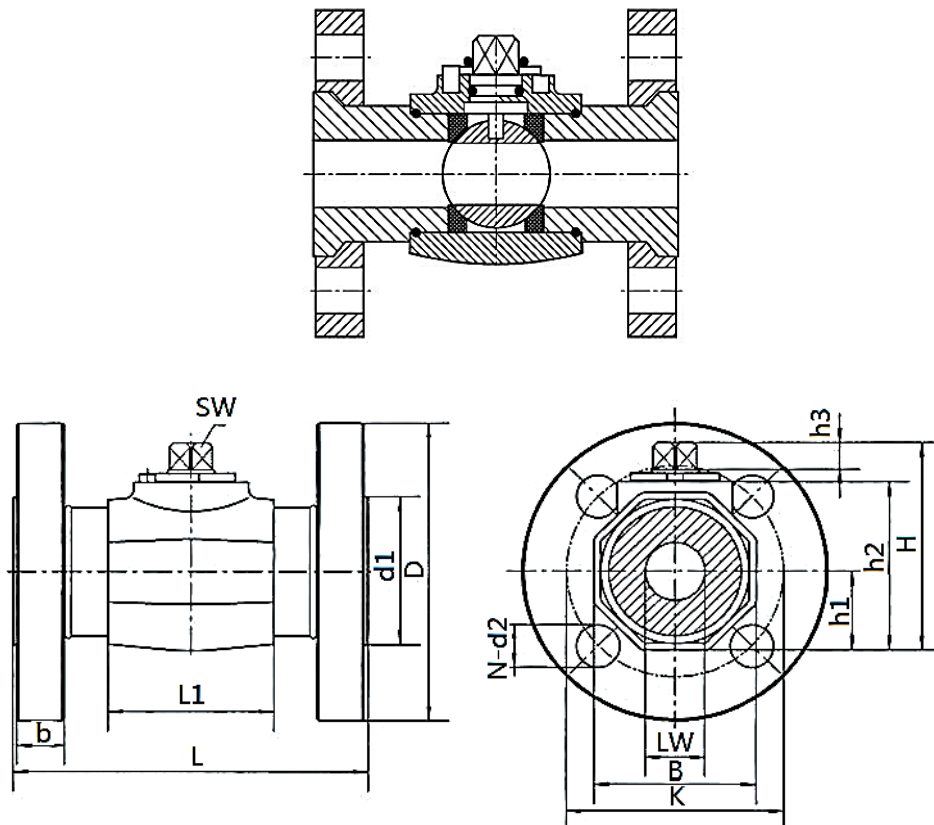
Standard Material

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



Type	PN (bar)	LW	L	L1	D	d1	d2	K	B	b	H	h1	h2	h3	SW1	N*
EHFB-16-PN040	40	15	130	47	95	45	14	65	38	14	63.5	19	46	11	12	4
EHFB-16-PN160	160	15	130	47	105	45	14	75	38	18	63.5	19	46	11	12	4
EHFB-16-PN315	315	15	130	47	128	45	18	90	38	24	63.5	19	46	11	12	4
EHFB-20-PN040	40	20	150	60	105	55	14	75	48	16	75	24	57	12	14	4
EHFB-25-PN040	40	25	160	65	115	65	14	85	57	16	82	28.5	64	12	14	4
EHFB-25-PN160	160	25	160	65	138	65	18	100	57	22	82	28.5	64	12	14	4
EHFB-25-PN250	250	25	160	65	148	65	22	105	57	26	82	28.5	64	12	14	4
EHFB-25-PN315	315	25	160	65	158	65	22	115	57	32	82	28.5	64	12	14	4

N* = number of fixing holes



Type	PN (bar)	LW	L	L1	D	d1	d2	K	B	b	H	h1	h2	h3	SW	N*
EHFM-32-PN040	40	30	180	84	138	78	18	100	82	16	108	41	87.5	14	17	4
EHFM-32-PN160	160	30	180	84	155	78	22	110	82	24	108	41	87.5	14	17	4
EHFM-40-PN040	40	38	200	91	148	88	18	110	93	16	119.5	46.5	99	14	17	4
EHFM-40-PN160	160	38	200	91	168	88	22	125	93	26	119.5	46.5	99	14	17	4
EHFM-40-PN250	250	38	200	91	185	88	26	135	93	32	119.5	46.5	99	14	17	4
EHFM-40-PN315	315	38	200	91	195	88	26	145	93	36	119.5	46.5	99	14	17	4
EHFM-50-PN040	40	48	230	100	165	102	18	125	110	18	135.5	55	115	14	17	4
EHFM-50-PN063	63	48	230	100	178	102	22	135	110	24	135.5	55	115	14	17	4
EHFM-50-PN160	160	48	230	100	195	102	26	145	110	28	135.5	55	115	14	17	4
EHFM-50-PN250	250	48	230	100	198	102	26	150	110	36	135.5	55	115	14	17	8
EHFM-50-PN315	315	48	230	100	208	102	26	160	110	40	135.5	55	115	14	17	8

N* = number of fixing holes

EVOTEK Flanged Ball Valves with DIN Connections

Order Codes

Ball Valve Series	A	-	B	-	Pressure rating	-	C	-	D	-	E	F	G
EHF	B	-	16	-	PN160	-	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 Construction

B	Block type (DN04 to DN25)
M	Forged type (DN32 to DN50)

B Connection Size

16	DN16 (EHFB)
20	DN20 (EHFB)
25	DN25 (EHFB)
32	DN32 (EHFM)
40	DN40 (EHFM)
50	DN50 (EHFM)

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 50)

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