

EHFZ Series

- EVOTEK Direct flange ball valves



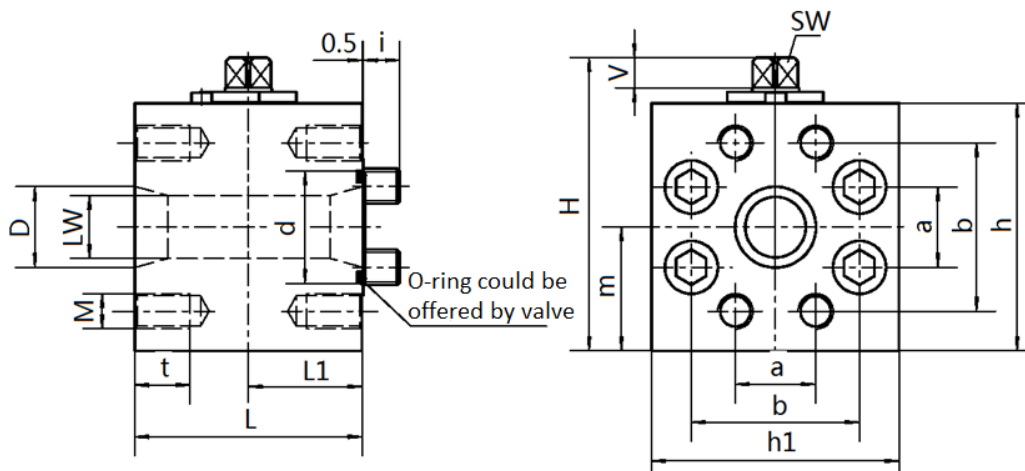
Product Description

- Operating pressure up to 420 bar
- DN up to 50
- In-line assembly
- All ball valves can be supplied with the following options: 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 210 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

EHFZ



Type	SAE size	DN	PN(bar)	LW	D	d	L	L1	H	h	h1	i	v
EHFZ-13-F3	½"	13	350	13	13	25.5	68	34	70	58	58	11	8
EHFZ-20-F3	¾"	20	350	20	20	31.9	70	35	93	75	75	12.5	12
EHFZ-25-F3	1"	25	320	22	24	39.8	78	39	100	82	82	13	12
EHFZ-32-F3	1¼"	32	280	25	32	44.5	90	45	116	98	98	10.5	12
EHFZ-40-F3	1½"	40	210	30	38	54.1	99	49.5	136.5	116	116	13.5	14
EHFZ-50-F3	2"	50	210	38	49	63.6	120	60	158	138	138	12.5	14
EHFZ-13-F6	½"	13	420	13	13	25.5	68	34	70	58	58	11	8
EHFZ-20-F6	¾"	20	420	20	20	31.9	70	35	93	75	75	12	12
EHFZ-25-F6	1"	25	420	25	25	39.8	78	39	100	82	82	14.5	12
EHFZ-32-F6	1¼"	32	350	25	32	44.5	90	45	116	98	98	14.5	12
EHFZ-40-F6	1½"	40	350	30	38	54.1	99	49.5	136.5	116	116	18	14
EHFZ-50-F6	2"	50	350	38	49	63.6	120	60	158	138	138	31	14

Type	m	a	b	M	SW	Nut
EHFZ-13-F3	30	17.5	38.1	M8	9	M8x70
EHFZ-20-F3	37.5	22.2	47.6	M10	14	M10x70
EHFZ-25-F3	41	26.2	52.4	M10	14	M10x80
EHFZ-32-F3	49	30.2	58.7	M10	14	M10x90
EHFZ-40-F3	58	35.7	69.8	M12	17	M12x100
EHFZ-50-F3	69	42.9	77.8	M12	17	M12x130
EHFZ-13-F6	30	18.2	40.5	M8	9	M8x70
EHFZ-20-F6	37.5	23.8	50.8	M10	14	M10x80
EHFZ-25-F6	42	27.8	57.2	M12	14	M12x80
EHFZ-32-F6	49	31.8	66.6	M14	14	M14x90
EHFZ-40-F6	58	36.5	79.4	M16	17	M16x100
EHFZ-50-F6	69	44.5	96.8	M20	17	M20x130

EVOTEK Flanged Ball Valves with SAE Connections

Order Codes

Ball Valve Series	-	A	-	B	-	C	-	D	-	E	F	G
EHFZ	-	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

13	DN13
20	DN20
25	DN25
32	DN32
40	DN40
50	DN50

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 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