

EHGB/EHGM Series

- EVOTEK Ball Valves with SAE threaded flange

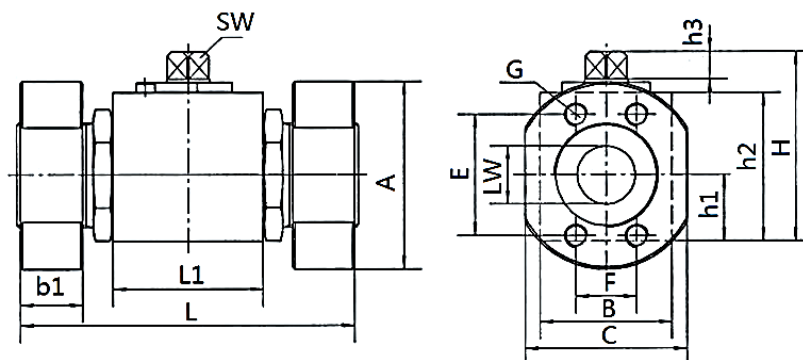


Product Description

- Operating pressure up to 420 bar
- DN up to 65
- Application in Hydraulic systems, off-shore equipment, Machine tools
- All ball valves can be supplied with the following options: Actuator, Limit controls & Lock

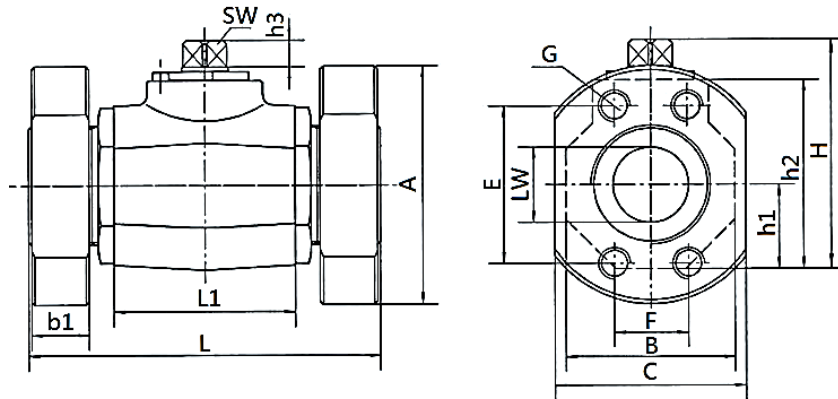
Technical Specifications

Application:	In-line assembly
Flange dimensions:	SAE J518
Flange connections:	SAE threaded flange
Construction:	Block type EHGB (DN 13~25) Forged type EHGM (DN 32~65)
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 65)
Ball seat:	POM
O-rings:	NBR/FKM



型号	SAE size	PN(bar)	LW	L	L1	H	h1	h2	h3	B	SW
EHGB-13-F3	½"	210	13	120	48	52.5	17	40	8	35	9
EHGB-20-F3	¾"	210	20	136	60	75	24	57	12	48	14
EHGB-25-F3	1"	210	25	148	65	82	28.5	64	12	57	14
EHGB-13-F6	½"	420	13	120	48	52.5	17	40	8	35	9
EHGB-20-F6	¾"	315	20	136	60	75	24	57	12	48	14
EHGB-25-F6	1"	315	25	148	65	82	28.5	64	12	57	14

型号	b1	A	C	E	F	G
EHGB-13-F3	16	57	46	38.1	17.5	M8
EHGB-20-F3	18	70	52	47.6	22.2	M10
EHGB-25-F3	19	77	62	52.4	26.2	M10
EHGB-13-F6	22	61	48	40.5	18.2	M8
EHGB-20-F6	23	76	60	50.8	23.8	M10
EHGB-25-F6	27	86	70	57.2	27.8	M12



Type	SAE size	PN(bar)	LW	L	L1	H	h1	h2	h3	B	SW
EHGM-32-F3	1¼"	210	30	172	84	108	41	87.5	14	82	17
EHGM-40-F3	1½"	210	38	177	91	119.5	46.5	99	14	93	17
EHGM-50-F3	2"	210	48	196	100	135.5	55	115	14	110	17
EHGM-65-F3	2½"	175	60	260	110	154	68.5	133.5	14	Φ137	17
EHGM-32-F6	1¼"	350	30	172	84	108	41	87.5	14	82	17
EHGM-40-F6	1½"	350	38	177	91	119.5	46.5	99	14	93	17
EHGM-50-F6	2"	350	48	196	100	135.5	55	115	14	110	17
EHGM-65-F6	2½"	315	60	280	110	158	72.5	137.5	14	Φ145	17

Type	b1	A	C	E	F	G
EHGM-32-F3	21	87	74	58.7	30.2	M10
EHGM-40-F3	24	103	86	69.8	35.7	M12
EHGM-50-F3	25	117	98	77.8	42.9	M12
EHGM-65-F3	25	128	114	88.9	50.8	M12
EHGM-32-F6	32	103	78	66.6	31.8	M14
EHGM-40-F6	32	120	96	79.3	36.5	M16
EHGM-50-F6	34	145	114	96.8	44.5	M20
EHGM-65-F6	45	192	150	123.8	58.7	M24

EVOTEK Flanged Ball Valves with SAE Connections

Order Codes

Ball Valve Series	A	-	B	-	C	-	D	-	E	-	F	G	H
EHG	B	-	16	-	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 Construction

B	Block type (DN04 to DN25)
M	Forged type (DN32 to DN65)

B Connection Size

13	DN13 (EHGB)
20	DN20 (EHGB)
25	DN25 (EHGB)
32	DN32 (EHGM)
40	DN40 (EHGM)
50	DN50 (EHGM)
65	DN65 (EHGM)

C SAE Flanged version

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

D O-Ring Material

B	NBR
V	FKM
E	EPDM

E Lever Options

02	Zinc Alloy Bent (DN 06 to 25)
03	Steel Straight (DN 06 to 25)
04	Steel Bent (DN 32 to 65)

F Body and Connection Material

C	Carbon Steel
S	Stainless Steel

G Ball / Stem Material

C	Carbon Steel
S	Stainless Steel

H Ball Seat Material

M	POM
E	PTFE
K	PEEK