



## KTM SERIES EB1 SPLIT BODY FLOATING BALL VALVES

MODEL CODE OPTIONS AND DESCRIPTIONS - NORTH AMERICA AND EUROPE ONLY

<b>Model / Series</b>		<b>Size</b>	<b>End Connection</b>	<b>Drilling / Schedule</b>	<b>Face to Face</b>	<b>Pressure Rating</b>		<b>Body Material</b>	<b>Ball Material</b>	<b>Stem Material</b>	<b>Seat Material</b>	<b>Sealing Material</b>	<b>Mounting Type</b>	<b>Actuation Type</b>		<b>Optional Feature 1</b>	<b>Optional Feature ...</b>		<b>Actuation Option</b>
EB1SF	-	0015	R3	A1	AB	A1	-	CA	S00	S0	TC	P0	I	L	-	NP1	TPZ	+	GS-001



### MODEL / SERIES

Code	Description
EB1SF	Series EB1, Standard, Full
EB1SR	Series EB1, Standard, Reduced
EB1HF	Series EB1, High Temp, Full
EB1HR	Series EB1, High Temp, Reduced
EB1CF	Series EB1, Cryogenic, Full
EB1LF	Series EB1, Low Temp, Full
EB1PF	Series EB1, Pocketless, Full
EB1XF	Series EB1, X-High Temp, Full

### SIZE

Code	Description
0015	DN 15 / NPS ½
0020	DN 20 / NPS ¾
0025	DN 25 / NPS 1
0040	DN 40 / NPS 1½
0050	DN 50 / NPS 2
0065	DN 65 / NPS 2½
0080	DN 80 / NPS 3
0100	DN 100 / NPS 4
0125	DN 125 / NPS 5
0150	DN 150 / NPS 6
0200	DN 200 / NPS 8
0250	DN 250 / NPS 10
ZZZZ	Special

### END CONNECTION

Code	Description
F1	Flange - ASME Flat Face (FF) - 32 to 63 AARH (Smooth)
F2	Flange - ASME Flat Face (FF) - 63 to 125 AARH
F3	Flange - ASME Flat Face (FF) - 125 to 250 AARH
F4	Flange - ASME Flat Face (FF) - 250 to 500 AARH
R1	Flange - ASME Raised Face (RF) - 32 to 63 AARH (Smooth)
R2	Flange - ASME Raised Face (RF) - 63 to 125 AARH
R3*	Flange - ASME Raised Face (RF) - 125 to 250 AARH
R4	Flange - ASME Raised Face (RF) - 250 to 500 AARH
RJ	Flange - Ring Type Joint (RTJ)
ZZ	Special

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### DRILLING / SCHEDULE

Code	Description
A1	ASME 150
A2	ASME 300
A3	ASME 600
A4	ASME 900
A5	ASME 1500
J1	JIS 5K
J3	JIS 10K
J5	JIS 20K
J6	JIS 30K
ZZ	Special

### FACE TO FACE

Code	Description
AB	ASME B16.10 Long
ZZ	Special

### PRESSURE RATING

Code	Description
A1	ASME 150
A2	ASME 300
A3	ASME 600
A4	ASME 900
A5	ASME 1500
J1	JIS 5K
J3	JIS 10K
J5	JIS 20K
J6	JIS 30K
ZZ	Pressure Rating not Specified

### BODY MATERIAL

Code	Description
CA*	Carbon Steel A216 WCB
SB	Stainless Steel A351 CF8
SE*	Stainless Steel A351 CF8M
SS	Stainless Steel A351 CF3
SJ	Stainless Steel A351 CF3M
QC	Alloy 20 A351 CN7M
U5	Duplex A995 4A (CD3MN)
HA	Hastelloy C-276 A494 CW-12MW
CB	Carbon Steel A352 LCB
CC	Carbon Steel A352 LCC
CD	Carbon Steel A216 WCC
ZZ	Special

### BALL MATERIAL

Code	Description
S10	Stainless Steel 304
S15	Stainless Steel 304 - Hard Chrome Plated
S16	Stainless Steel 304 - SFNi
S40	Stainless Steel 316L
S00	Stainless Steel 316
S05	Stainless Steel 316 - Hard Chrome Plated
S06	Stainless Steel 316 - SFNi
S08	Stainless Steel 316 - Tungsten Carbide
S09	Stainless Steel 316 - Chrome Carbide
U00	Duplex 2205
U06	Duplex 2205 - SFNi
U08	Duplex 2205 - Tungsten Carbide
U09	Duplex 2205 - Chrome Carbide
QC0	Alloy 20 A351 CN7M
H00	Hastelloy C-276
M00	Monel A494 M35-1 (UNS N24135)
E00	Inconel 600
SN0	Stainless Steel 317
ZZZ	Special

### STEM MATERIAL

Code	Description
S1	Stainless Steel 304
S0	Stainless Steel 316
S4	Stainless Steel 316L
U8	Duplex 329
U0	Stainless Steel Duplex
E0	Inconel 600
H0	Hastelloy C-276
M1	Monel K500
SH	Stainless Steel 17-4 PH / Type 630 H1150 D (NACE compliant)
KB••	Stainless Steel A564 Type 630 - H1075
S8	Stainless Steel 410
ZZ	Special

### NOTE

- KB option code discontinued.  
SH is the code now used for Stainless Steel 17-4 PH.

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### SEAT MATERIAL

Code	Description
TC	PTFE / PFA Co-Polymer
RG	RPTFE (Carbon Filled)
RJ	Special Reinforced PTFE (Metal Retainer)
A0	PEEK
T0	PTFE
C0	Gratite®(Carbon Metal Alloy)
MC	Stainless Steel 316 + Stellite Overlay
MT	Stainless Steel 316 + Tungsten Carbide Coated
MA	Stainless Steel 316 + Chromium Carbide Coated
RH	RPTFE (Glass Filled with MoS2)
ZZ	Special

### SEALING MATERIAL

Code	Description
P0	PTFE
P4	PTFE / RTFE or PTFE SWG / FKM
P6	PTFE / PTFE / PFA Copolymer
R0	RPTFE
R1	RPTFE / RPTFE
G0	Graphite
ZZ	Special

### OPERATOR MOUNTING TYPE

Code	Description
I	ISO 5211

### ACTUATION TYPE

Code	Description
B	Bare Stem
L	Default Handle / Lever

### OPTIONAL FEATURES

Code	Description
NP1	Additional 316 Stainless Steel Tag
TPZ	Special Hydrostatic Test Report

### NOTE

For the full list of optional features, consult your local Emerson representative.

### ADDITIONAL ACTUATION OPTIONS

Code	Description
GS-000	Factory Standard Gear Operator <sup>[1]</sup>
PS-#####	Standard Pneumatic Actuator <sup>[2]</sup>
HZ	Other Handle <sup>[3]</sup>
GZ	Other Gear Operators <sup>[3]</sup>
PZ	Other Pneumatic Actuators <sup>[3]</sup>
EZ	Other Electric Actuators <sup>[3]</sup>

### NOTES

1. Additional characters identify specific handle or gear. For the full list, consult the Handles and Gear Operators Addendum [\[VCREG-14325\]](#).
2. Additional characters identify actuator configuration.
3. Required operator, mounting and accessory part number(s) are specified per order acknowledgement.

### NOTE

Consult your local Emerson representative for additional options.

\* Indicates standard configuration.

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