For use in China, Europe, Middle East, North America and South East Asia only.

KTM Series MB1

Three Way Floating Ball Valves



Size	End Connection	Drilling / Schedule	Face-to-Face	Pressure Rating
0015	R3	A1	00	A1

Body Material	Ball Material	Stem Material	Seat Material	Sealing Material	Flow Path	Mounting Type	Actuation Type
CA	S00	S0	TC	P0	D	I	В







Model / Series

	Description	
	Series MB1, Standard, Full Bore	
MB1SR	Series MB1, Standard, Reduced Bore	

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
0300	DN 300 / NPS 12
0350	DN 350 / NPS 14
ZZZZ	Special

End Connection

Code	Description	
R3*	Flange - ASME Raised Face (RF) - 125 to 250 AARH	
J7	Flange - JIS Raised Face (RF) - 125 to 250 AARH	
ZZ	Special	

Drilling / Schedule

Code	Description
A1	ASME 150
A2	ASME 300
A3	ASME 600
J3	JIS 10K
J5	JIS 20K
J7	JIS 40K
ZZ	Special

Face-to-Face

Code	Description
00*	Standard (Refer to Product Literature)
ZZ	Special

Pressure Rating

Code	Description
A1	ASME 150
A2	ASME 300
А3	ASME 600
J3	JIS B2220 - 10K
J5	JIS B2220 - 20K
J7	JIS B2220 - 40K
ZZ	Special

Body Material

Code	Description
CA*	Carbon Steel A216 WCB
СВ	Carbon Steel A352 LCB
CC	Carbon Steel A352 LCC
CD	Carbon Steel A216 WCC
SB	Stainless Steel A351 CF8
SE*	Stainless Steel A351 CF8M
SS	Stainless Steel A351 CF3
SJ	Stainless Steel A351 CF3M
J4	Stainless Steel JIS G5121 Grade SCS13A
J5	Stainless Steel JIS G5121 Grade SCS14A
J1	Stainless Steel JIS G5121 Grade SCS16A
J2	Stainless Steel JIS G5121 Grade SCS19A
QC	Alloy 20 A351 CN7M
M0	Monel A494-M35-1 (UNS N24135)
U5	Duplex A995 4A (CD3MN)
НА	Hastelloy C-276 A494 CW-12MW
ZZ	Special

NOTE

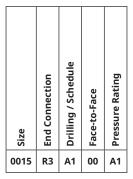


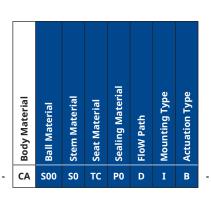


^{*} Indicates standard configuration.

KTM Series MB1 April 2024











Ball Material

Code	Description
S00*	Stainless Steel 316
S40	Stainless Steel 316L
S10	Stainless Steel 304
S30	Stainless Steel 304L
H00	Hastelloy C-276
M00	Monel A494-M35-1 (UNS N24135)
QC0	Alloy 20 A351 CN7M
U80	Duplex
ZZZ	Special

Stem Material

Code	Description
S0*	Stainless Steel 316
S4	Stainless Steel 316L
S1	Stainless Steel 304
S3	Stainless Steel 304L
S8	Stainless Steel 410
SH	Stainless Steel 17-4 PH / Type 630 H1150 D (NACE compliant)
H0	Hastelloy C-276
LE	Alloy 20
M1	Monel K500
U8	Duplex 329
ZZ	Special

Seat Material

Code	Description	
T0	PTFE	
TC*	PTFE / PFA Co-Polymer	
RG	RPTFE (Carbon Filled)	
RH	RPTFE (Glass Filled with MoS2)	
ZZ	Special	

NOTES

For additional details on the list of optional adders, consult your local Emerson representative.

Sealing Material

/ Retainer Seal)
PTFE
PTFE / RPTFE / FKM
Graphite
Graphite / Graphite / FKM
Special

Flow Path

Code	Description
D	T-Port 90° Turn, Flow Plan D (Pattern 1)
Е	T-Port 90° Turn, Flow Plan E (Pattern 4)
F	T-Port 90° Turn, Flow Plan F (Pattern 3)
G	T-Port 90° Turn, Flow Plan G (Pattern 2)
А	L-Port 90° Turn, Flow Plan A (Pattern 1 & 2)

Operator Mounting Type

Code	Description
I	ISO 5211

Actuation Type

Code	Description			
L	Default Handle / Lever			
В	Bare Stem			

Optional Features

Code Description Bolting Options B07 Alloy Steel A193 B7 / A194 2H B08 Stainless Steel A193 B8M / A194 B8M (NACE) B09 Alloy Steel A193 B7M / A194 2HM (NACE) B10 Stainless Steel A193 B8 / A194 B8 B17 Alloy Steel ASTM A320 L7M / A194 7M (NACE) B19 Alloy Steel ASTM A320 L7 / A194 7 B12 Special Gland Packing Bolting B0Z Special Bolting Valve Extension Options EZZ Special Extension Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH <	Optior	ial Features
B07 Alloy Steel A193 B7 / A194 2H B08 Stainless Steel A193 B8M / A194 B8M (NACE) B09 Alloy Steel A193 B7M / A194 2HM (NACE) B10 Stainless Steel A193 B8 / A194 B8 B17 Alloy Steel ASTM A320 L7M / A194 7M (NACE) B19 Alloy Steel ASTM A320 L7 / A194 7 B12 Special Gland Packing Bolting B0Z Special Bolting Valve Extension Options EZZ Special Extension Coating / Painting PZZ Special Painting / Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP5 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP6 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP7 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP8 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additio	Code	Description
B08 Stainless Steel A193 B8M / A194 B8M (NACE) B09 Alloy Steel A193 B7M / A194 2HM (NACE) B10 Stainless Steel A193 B8 / A194 B8 B17 Alloy Steel ASTM A320 L7M / A194 7M (NACE) B19 Alloy Steel ASTM A320 L7 / A194 7 B12 Special Gland Packing Bolting B0Z Special Bolting Valve Extension Options EZZ Special Extension Coating / Painting PZZ Special Painting / Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP5 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP6 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP7 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP8 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP7 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP8 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP9 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text)	Bolting	g Options
A194 B8M (NACE) B09 Alloy Steel A193 B7M / A194 2HM (NACE) B10 Stainless Steel A193 B8 / A194 B8 B17 Alloy Steel ASTM A320 L7M / A194 7M (NACE) B19 Alloy Steel ASTM A320 L7 / A194 7 B1Z Special Gland Packing Bolting B0Z Special Bolting Valve Extension Options EZZ Special Extension Coatiny / Painting PZZ Special Painting / Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	B07	Alloy Steel A193 B7 / A194 2H
A194 2HM (NACE) B10 Stainless Steel A193 B8 / A194 B8 B17 Alloy Steel ASTM A320 L7M / A194 7M (NACE) B19 Alloy Steel ASTM A320 L7 / A194 7 B1Z Special Gland Packing Bolting B0Z Special Bolting Valve Extension Options EZZ Special Extension Coating / Painting PZZ Special Painting / Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	B08	
B17 Alloy Steel ASTM A320 L7M / A194 7M (NACE) B19 Alloy Steel ASTM A320 L7 / A194 7 B1Z Special Gland Packing Bolting B0Z Special Bolting Valve Extension Options EZZ Special Extension Coating / Painting PZZ Special Painting / Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	B09	
B17 A194 7M (NACE) B19 Alloy Steel ASTM A320 L7 / A194 7 B1Z Special Gland Packing Bolting B0Z Special Bolting Valve Extension Options EZZ Special Extension Coating / Painting PZZ Special Painting / Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Apper Tag (Customer Tag Text) NP5 Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	B10	Stainless Steel A193 B8 / A194 B8
B1Z Special Gland Packing Bolting B0Z Special Bolting Valve Extension Options EZZ Special Extension Coating / Painting PZZ Special Painting / Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	B17	
BOZ Special Bolting Valve Extension Options EZZ Special Extension Coating / Painting PZZ Special Painting / Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP5 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP6 Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	B19	Alloy Steel ASTM A320 L7 / A194 7
Valve Extension Options EZZ Special Extension Coating / Painting PZZ Special Painting / Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	B1Z	Special Gland Packing Bolting
EZZ Special Extension Coating / Painting PZZ Special Painting / Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	B0Z	Special Bolting
Coating / Painting PZZ Special Painting / Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	Valve I	Extension Options
PZZ Special Painting / Coating (per Purchase Order) Nameplate / Tagging NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NP4 Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	EZZ	Special Extension
(per Purchase Order) Nameplate / Tagging NP1	Coatin	
NP1 Additional 316 Stainless Steel Tag (Customer Tag Text) NP2 Additional Paper Tag (Customer Tag Text) NP3 Additional 316 Stainless Steel Tag & Paper Tag (Customer Tag Text) NPZ Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	PZZ	
Customer Tag Text) NP2	Name	
Customer Tag Text) NP3	NP1	
Paper Tag (Customer Tag Text) NPZ Special Tag / Nameplate (per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	NP2	
(per Customer PO) Certificate / Approvals NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	NP3	
NA5 NACE - MR0175 / ISO 15156 & MR 0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	NPZ	
0103 - Corrosive service (Body / Shell, Ball, Stem, Bolting) NA7 NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	Certifi	cate / Approvals
Corrosive exterior only service (Bolting) Cleaning Options CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	NA5	0103 - Corrosive service (Body / Shell,
CHH HCL, HF and Oxygen Service (KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	NA7	NACE - MR0175 / ISO 15156 - Corrosive exterior only service (Bolting)
(KTM Class A) CWD Water & Dust Free (Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	Cleani	
(Clean Room) Assembly CL2 Chlorine Service, Oil and Water Free (KTM Class B)	CHH	HCL, HF and Oxygen Service (KTM Class A)
(KTM Class B)	CWD	
CLZ Special Cleaning (per Purchase Order)	CL2	
	CLZ	Special Cleaning (per Purchase Order)

^{*} Indicates standard configuration.

KTM Series MB1 April 2024

Model / Series		Size	End Connection	Drilling / Schedule	Face-to-Face	Pressure Rating	
MB1SF	-	0015	R3	A1	00	A1	

Body Material	Ball Material	Stem Material	Seat Material	Sealing Material	Flow Path	Mounting Type	Actuation Type
CA	S00	S0	TC	P0	D	I	В





Optional Features (continued)

Option	ai Features (continued)
Code	Description
Witnes	s Inspection
WT1	Witness Inspection - Assembly, Test, Final Visuals (Standard Test Only)
WTZ	Witness Inspection (per Purchase Order incl: Packing, Painting, NDT, etc)
Materi	al Certificates / Traceability
MCZ	Special CMTRs (per Purchase Order)
Positiv	e Material Identification
ME6	PMI (Body / Shell, Ball, Stem)
MEZ	PMI (per Purchase Order)
Magne	tic Particle Examination
MP2	MP (On body machined surfaces per ASME B16.34 Appendix II)
MPZ	Magnetic Particle Examination (per Purchase Order)
Liquid	Penetrant Examination
LP3	LPE (On body machined surfaces per ASTM B16.34 Appendix III)
LPZ	Liquid Penetrant Examination (per Purchase Order)
Radiog	raphic Examination
RG4	RT (On body / bonnet critical areas, per ASME B16.34 Appendix I)
RGZ	Radiographic Examination (per Purchase Order)

Code	Description				
Pressure Testing					
TPN	Pressure Test - Nitrogen (per Purchase Order)				
TPZ	Hydrostatic Test Report (per Purchase Order)				
Functi	onal Test				
TF2	Functional Test Report (Automated, Per Customer Operating Conditions, Manufacturer Standard)				
TFZ	Special Functional Testing (per Purchase Order)				
Other	Testing				
SAP	Seat Leak Test - API 598				
FET	Fugitive Emission Test (per Customer Purchase Order)				
SIB	Seat Leak Test - ISO 5208 Rate B				

Additional Actuation Options

	Description
GS-000	Factory Standard Gear Operator [1]

NOTE

 Additional characters identify specific handle or gear.

NOTES

- This document is intended for product model code decodification, not product configuration. Option availability and compatibility may be dependent on the selection of another option. For product configuration support, consult your local Emerson representative.
- 2. This list of options is not exhaustive. Consult your local Emerson representative for additional options.

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