



## K-BALL SERIES 171 AND 172 FLOATING BALL VALVES

MODEL CODE OPTIONS AND DESCRIPTIONS - NORTH AMERICA AND EUROPE ONLY

Model / Series	Size	End Connection	Drilling / Schedule	Face to Face	Pressure Rating	Body Material	Ball Material	Stem Material	Seat Material	Sealing Material	Mounting Type	Actuation Type	Optional Feature 1	Optional Feature ...	Actuation Option			
171SF	-	0008	R3	PG	00	CC	-	CA	S00	S0	T0	P0	I	L	-	NP1	TPZ	+ GS-001



### MODEL / SERIES

Code	Description
171SF	Series 171, Full Bore
172SF	Series 172, Full Bore

### SIZE

Code	Description
0008	DN 8 / NPS ¼
0010	DN 10 / NPS ¾
0015	DN 15 / NPS ½
0020	DN 20 / NPS ¾
0025	DN 25 / NPS 1
0032	DN 32 / NPS 1¼
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
ZZZZ	Special

### END CONNECTION

Code	Description
R3	Flange - ASME Raised Face (RF) - 125 to 250 AARH
BF	Butt Weld - ASME B 16.25
SE*	Screwed Ends (Threaded)
SW	Socket Weld - ASME B16.11
S2	Socket Weld - Tube / Nipple Extension
BZ	Butt Weld - welded Pipe or Extended Pups
H3	Hub/Clamp - Tri-Clamp
T0	Orbital Tubing (OD Tube)
MM	Multiple / Mixed End Connection
ZZ	Special

### DRILLING / SCHEDULE

Code	Description
PG	PN 25 / 40
W1	Schedule 10
W4	Schedule 40
BT	BSPT (Female)
BP*	BSPP (Female)
NT*	NPT (Female)
AC	Socket Weld End
NA	Not Applicable
2R	BSPP / BSPT
2S	BSPP / NPT
2N	BSPP / Schedule 10
2P	BSPP / Schedule 40
2T	BSPP / Schedule 5
2U	BSPP / Socket Weld
1C	BSPT / BSPP
BN	BSPT / NPT
2W	BSPT / Schedule 10
1A	BSPT / Schedule 40
1D	BSPT / Schedule 5
BS	BSPT / Socket Weld
1R	NPT / BSPP
1Q	NPT / BSPT
1M	NPT / Schedule 10
1N	NPT / Schedule 40
1L	NPT / Schedule 5
NS	NPT / Socket weld
1X	Schedule 10 / BSPP
1V	Schedule 10 / BSPT
1W	Schedule 10 / NPT
1T	Schedule 10 / Schedule 40
1S	Schedule 10 / Schedule 5
1Y	Schedule 10 / Socket Weld
2E	Schedule 40 / BSPP
2C	Schedule 40 / BSPT

Code	Description
2D	Schedule 40 / NPT
2A	Schedule 40 / Schedule 10
2X	Schedule 40 / Schedule 5
2F	Schedule 40 / Socket Weld
3M	Schedule 5 / BSPP
3N	Schedule 5 / BSPT
3P	Schedule 5 / NPT
3R	Schedule 5 / Schedule 10
3S	Schedule 5 / Schedule 40
3T	Schedule 5 / Socket Weld
1K	Socket Weld / BSPP
1H	Socket Weld / BSPT
1J	Socket Weld / NPT
1E	Socket Weld / Schedule 10
1F	Socket Weld / Schedule 40
3U	Socket Weld / Schedule 5
ZZ	Special

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171SF	0008	R3	PG	00	CC	CA	S00	S0	T0	P0	I	L	NP1	TPZ	GS-001

### FACE TO FACE

Code	Description
00	Standard (Refer to Product Literature)
01	EN558 Series 01
ZZ	Special

### PRESSURE RATING

Code	Description
CC	ASME 300 / 740 CWP / PN 40
CA	ASME 400 / 1000 CWP / PN 63
ZZ	Pressure Rating not Specified

### BODY MATERIAL

Code	Description
CA	Carbon Steel A216 WCB
SE*	Stainless Steel A351 CF8M
ZZ	Special

### BALL MATERIAL

Code	Description
S00*	Stainless Steel 316
ZZZ	Special

### STEM MATERIAL

Code	Description
S0*	Stainless Steel 316
U0	Stainless Steel Duplex
SH	Stainless Steel 17-4 PH / Type 630 H1150 D (NACE compliant)
ZZ	Special

### SEAT MATERIAL

Code	Description
T0*	PTFE
RC	RPTFE (50% SS Filled)
RB	RPTFE (25% Carbon Filled)
ZZ	Special

### SEALING MATERIAL

Code	Description
P0*	PTFE
ZZ	Special

### OPERATOR MOUNTING TYPE

Code	Description
I	ISO 5211

### ACTUATION TYPE

Code	Description
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
PS-#####	Standard pneumatic actuator <sup>[1]</sup>
HZ	Other handle <sup>[2]</sup>
GZ	Other gear operators <sup>[2]</sup>
PZ	Other pneumatic actuators <sup>[2]</sup>
EZ	Other electric actuators <sup>[2]</sup>

### NOTES

1. Additional characters identify actuator configuration.
2. Required operator, mounting and accessory part number(s) are specified per order acknowledgment.

### NOTE

Consult your local Emerson representative for additional options.

\* Indicates standard configuration

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