

K-BALL FIGURE 190 FLOATING BALL VALVES

MODEL CODE OPTIONS AND DESCRIPTIONS - NORTH AMERICA 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
190S	-	0015	R3	A1	01	A1	-	CA	S10	S1	T0	P0	I	L	-	NP1	TPZ	+	GS-001



MODEL / SERIES

Code	Description
190S	Series 190, Standard
190F	Series 190, Firesafe

SIZE

Code	Description
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
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
ZZZZ	Special

END CONNECTION

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

DRILLING / SCHEDULE

Code	Description
A1	ASME 150
A2	ASME 300
J3	JIS 10K
J5	JIS 20K
P2	PN 10
P3	PN 16
P5	PN 25
P6	PN 40
PB	PN 10 / 16
PG	PN 25 / 40

FACE TO FACE

Code	Description
01	EN558 Series 01
27	EN558 Series 27
A1	ASME B 16.10
ZZ	Special

PRESSURE RATING

Code	Description
A1	ASME 150
A2	ASME 300
J3	JIS 10K
J5	JIS 20K
P2	PN 10
P3	PN 16
P5	PN 25
P6	PN 40

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BODY MATERIAL

Code	Description
CA	Carbon Steel A216 WCB
SE	Stainless Steel A351 CF8M
SB	Stainless Steel A351 CF8
J1	Stainless Steel 1.4408 (GX5CrNiMo 19-11-2)
CJ	Carbon Steel 1.0619 (GP240GH)
J5	Stainless Steel JIS G5121 Grade SCS14A
CR	JIS G5151 Grade SCPH2
ZZ	Special

BALL MATERIAL

Code	Description
S10	Stainless Steel 304
S00	Stainless Steel 316
ZZZ	Special

STEM MATERIAL

Code	Description
S1	Stainless Steel 304
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
RE	RPTFE (Glass Filled)
RB	RPTFE (25% Carbon Filled)
RC	RPTFE (50% SS Filled)
U0	UHMWPE / SS / Polymer
A0	PEEK
T4	TFM 1600
ZZ	Special

SEALING MATERIAL

Code	Description
P0	PTFE
G0	Graphite
U0	UHMWPE
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 ^[1]
PS-#####	Standard Pneumatic Actuator ^[2]
HZ	Other Handle ^[3]
GZ	Other Gear Operators ^[3]
PZ	Other Pneumatic Actuators ^[3]
EZ	Other Electric Actuators ^[3]

NOTES

1. Additional characters identify specific handle or gear. For the full list, consult the Handles and Gear Operators Addendum [\[VCREP-14325\]](#).
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.

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