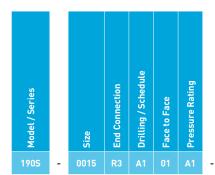
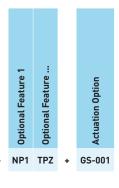


K-BALL FIGURE 190 FLOATING BALL VALVES

MODEL CODE OPTIONS AND DESCRIPTIONS - NORTH AMERICA ONLY









MODEL / SERIES

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

SIZE

| | Code | Description |
|--|------|------------------|
| | 0015 | DN 15 / NPS 1/2 |
| | 0020 | DN 20 / NPS 3/4 |
| | 0025 | DN 25 / NPS 1 |
| | 0032 | DN 32 / NPS 11/4 |
| | 0040 | DN 40 / NPS 11/2 |
| | 0050 | DN 50 / NPS 2 |
| | 0065 | DN 65 / NPS 21/2 |
| | 0800 | 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 |
| РВ | PN 10 / 16 |
| PG | PN 25 / 40 |
| | |

FACE TO FACE

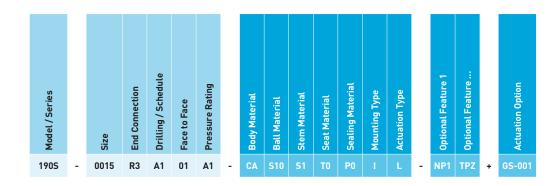
| Code | Description | |
|------|-----------------|--|
| 01 | EN558 Series 01 | |
| 27 | EN558 Series 27 | |
| A1 | ASME B 16.10 | |
| ZZ | Special | |
| | | |

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 | |

K-BALL FIGURE 190 FLOATING BALL VALVES

MODEL CODE OPTIONS AND DESCRIPTIONS - NORTH AMERICA ONLY



BODY MATERIAL

| DODITIALENIAL | | |
|---------------|---------------------------------|--|
| 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 | |
| 777 | 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

Bare Stem

| | ISO 5211 | | |
|--------|-------------|--|--|
| | | | |
| | | | |
| ACTUAT | ION TYPE | | |
| Codo | Description | | |

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

| Description |
|--|
| Factory Standard Gear |
| Operator ^[1] |
| Standard Pneumatic Actuator ^[2] |
| Other Handle ^[3] |
| Other Gear Operators ^[3] |
| Other Pneumatic Actuators ^[3] |
| Other Electric Aduators ^[3] |
| |

NOTES

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

NOTE

Consult your local Emerson representative for additional options

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