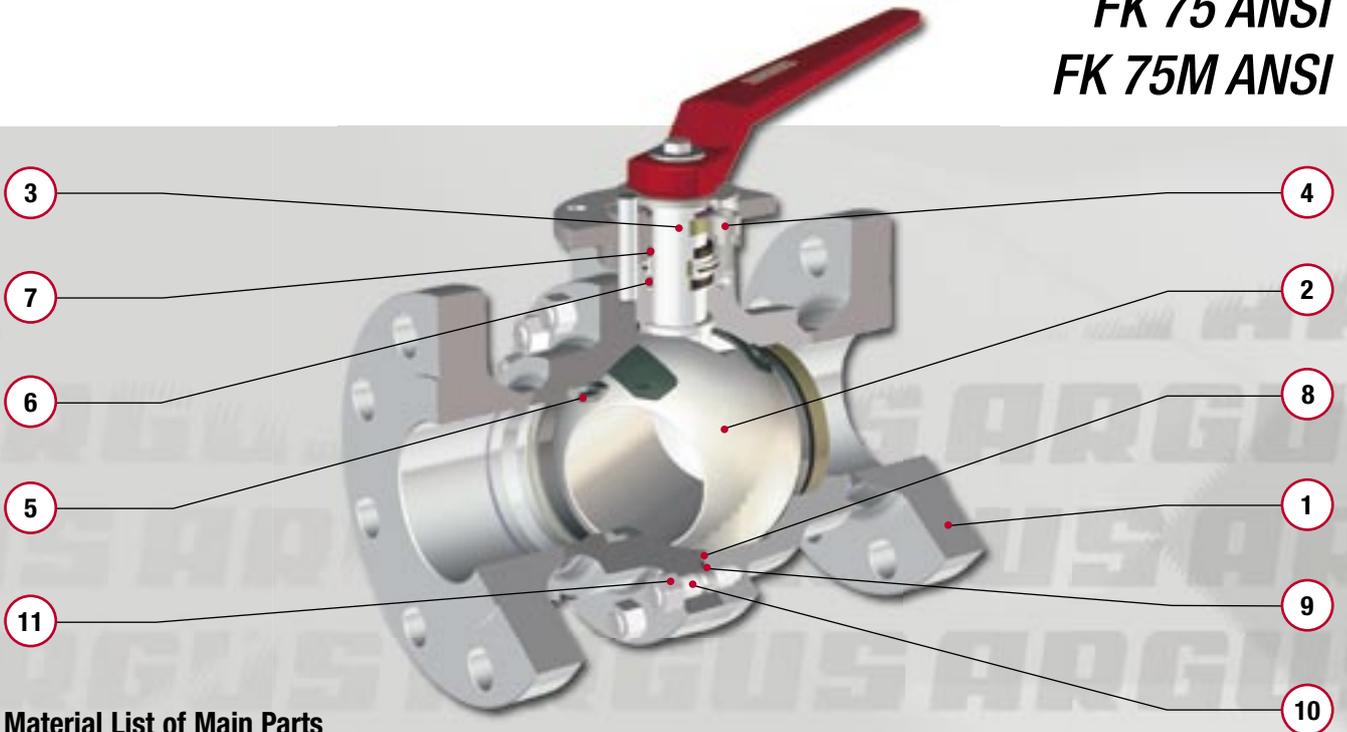


ARGUS

FK 75 ANSI
FK 75M ANSI



Material List of Main Parts

| Item | Description | Material Specification * | Nearest Typical ASTM-Equivalent |
|------|---------------------|--|--|
| 1 | Body / Flange | CS Low Temp. 1.0566 CS Low Temp. A350 LF2 SS 1.4571 SS 1.4581 | A350 LF2 A182 F316Ti |
| 2 | Ball | CR13 1.4027 SS 1.4408 SS Duplex hardfaced | A217 Gr. CA15 A351 CF8M A182 F51 |
| 3 | Stem | CR13 1.4104 Duplex SS | Type 430 A182 F51 |
| 4 | Gland Bolts | 8.8 A4-70 | |
| 5 | Ball Seats | PTFE SS hardfaced | |
| 6 | Primary Stem Seal | PTFE; FPM; MFQ | |
| 7 | Secondary Stem Seal | Celastic | |
| 8 | Primary Body Seal | PTFE; FPM; MFQ | |
| 9 | Secondary Body Seal | Celastic | |
| 10 | Bolts | A193 B7 (ASTM) A193 B8MN (ASTM) | |
| 11 | Nuts | A194 Gr.4 (ASTM) A194 8M (ASTM) | |



**ARGUS
FK 75/FK 75M**

**DN 65-200 ANSI Cl. 150 Full Bore
DN 150-250 ANSI Cl. 150 Reduced Bore
DN 65-100 ANSI Cl. 300 Full Bore
DN 150 ANSI Cl. 300 Reduced Bore**

Description:

The FK 75M ball valve with its many innovative design features represents the highest standards in valve technology and is designed to meet the API-6D, ANSI 16.34 and BS 5351 requirements. Long lifetime and low operating torques due to the clear separation between the sealing and bearing functions.

Design:

Split body design with superfine finished padmounted ball, anti-blow-out stem, spring loaded ball seats with cavity relief and anti-static device. Long life double stem seal system and stem supported in bearings to ensure seals are free from operating loads. Stem sealing construction complies with the latest TA-Luft and EPA (method 21) fugitive emissions requirements.

Fire safe to BS 6755 and API 607.

DIN/ISO 5211 mounting plate for easy assembly with actuators included.

Accessories and Options:

- Limit switches
- Locking devices
- Extended wrenches
- Stem extensions
- Steam jackets for indirect process heating
- Metal to metal seats
- Drain and vent/bleed connections

Standard Material Combinations (preferably to order – short delivery time):

| ANSI | Cl. 150-300 Mat.-Code 1805408552 | Cl. 150-300 Mat.-Code 140540D552 | Cl. 150-300 Mat.-Code 440540D552 | Cl. 150-300 Mat.-Code 1E8N8F8552 |
|---------------------|--|--|--|--|
| Body | CS Low Temp. | CS Low Temp. | SS | CS Low Temp. |
| Ball/Stem | CR13 | SS/Duplex SS | SS/Duplex SS | CR13 hardfaced/CR13 |
| Ball Seats | PTFE | PTFE | PTFE | CR13 hardfaced |
| Stem Seals | PTFE/Celastic | PTFE/Celastic | PTFE/Celastic | PTFE/Celastic |
| Body Seals | PTFE/Celastic | PTFE/Celastic | PTFE/Celastic | PTFE/Celastic |
| Seat Springs | SS | SS | SS | SS |

Flowserve Flow Control

Rudolf-Plank-Str.2, D-76275 Ettlingen
T: +49 (0)72 43/103-0 F: +49 (0)72 43/103-222
E-mail: argus@flowserve.com
www.flowserve.com

FCDARGBR 1111-02
Printed in Germany