



FEATURES & STANDARDS

- Industry leading warranty (48 months*)
- DBB - Double block and bleed design
- Triple independent low emission stem seals
- ISO 5211 actuator mounting flanges
- AED O-rings (anti-explosive decompression) and blow out proof stem.
- Consistent low torques
- Special wide seat insert design
- Seat sealant injection system & emergency secondary stem sealant injection
- Body vent and drain
- Double anti-static protection
- General Standards include: API 608, API 6D, ISO 17292, CSA Z245.15-13, CSA B51-09, ASME B16.34
- Sour service: NACE MR0175 & ISO 15156
- Fire safe design (API 607, ISO 10497 & API 6FA)
- Testing includes low pressure seat air test

MANUFACTURING RANGE

(Available in full and regular port)

Size	150 ASME PN 20	300 ASME PN 50	600 ASME PN 100
2	•	•	•
3	•	•	•
4	•	•	•
6	•	•	•
8	•	•	•
10	•	•	•
12	•	•	• (RP only**)

ITEM	DESCRIPTIONS	ITEM	DESCRIPTIONS	ITEM	DESCRIPTIONS SEALANT
1	BODY	15	BODY SEAL O-RING	29	INJECTION VALVE
2	END CAP	16	SEAT SEAL O-RING	30	DRAIN VALVE
3	BALL	17	UPPER CAP SEAL O-RING	31	KEY
4	SEAT	18	STEM SEAL O-RING	32	PIN
5	STEM	19	ALLEN HEAD BOLT	33	GEAR OPERATOR
6	TRUNNION	20	LIMIT STOP PLATE	34	STUD
7	ALLEN HEAD BOLT	21	STUD	35	NUT
8	SEAT RING	22	NUT	36	PIN
9	FIRE SAFE GASKET	23	SEAL RING	37	VENT VALVE
10	FIRE SAFE GASKET	24	SEGMENT RING	38	SEALANT INJECTION VALVE
11	FIRE SAFE PACKING	25	SEAT SPRING	39	LIFTING LUG
12	FIRE SAFE GASKET	26	ANTISTATIC SPRING	40	THRUST WASHER
13	FIRE SAFE GASKET	27	BEARING	41	CHECK VALVE
14	TRUNNION SEAL O-RING	28	BEARING		

NOTE: Drawings are representative, please contact Meridian for specific and current PDF drawings
 * Meridian™ limited warranty of 48 months from date of shipment or 24 months from the date of start-up.
 ** 12" 600 ASME full port valves are forged only