VALVESEAL
valves & sealing solutions

Swing Check Valve Flanged End 300PSI — MODEL: MH-XQH-300

Swing Check Valve – Flanged End – Comply to GGG50

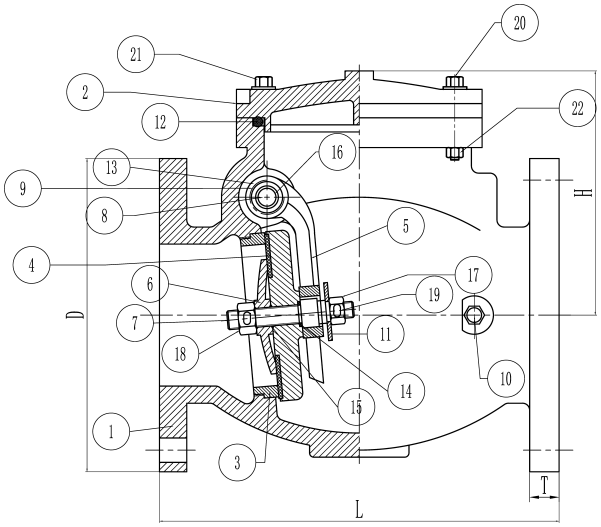


TECHNICAL FEATURES

- **Nominal Operating Pressure**: 300 PSI / 21 BAR.
- **Maximum Operating Pressure**: 600 PSI / 42 BAR.
- **Design Standard**: ANSI / AWWA C508 Standard Latest Version.
- **Face to Face Standard:** ASME B16.10
- **Sizes:** 2", 2½", 3", 4", 5", 6", 8", 10", 12"
- **Flange Standard:** ASME / ANSI B16.1 Class 125 or ASME / ANSI B16.42 Class150 or BS EN1092-2 PN16 or GB / T9113.1.
- **Approvals:** UL, FM, NSF / ANSI 61 & 372.
- **Standards Conforms to:** UL312, FM Class 1210.
- **Maximum Working Temperature:** -10°C to 120°C
- Epoxy Coated by **AKZO NOBEL** Resicoat® R4-ES Code: HGF14R Electrostatic Spray.
- Used both Vertically & Horizontally with Bronze Body Seat.
- Renewable Seat & Disc.
- Used in one-way flow pipeline to prevent water from back flow (Bubble Tight Shut off).
- Certified lead-free by truesdail laboratories to NSF-61 & ANSI-372.
- Non-Shock Cold Water.
- **Painting Details**: Red Polyurethane Alkyd gloss enamel paint interior & exterior conforms to AWWA C550
- Comply to ES 971/2005, ISO 1083 & DIN 1693
- **Coating —** Electrostatically applied fusion-bonded epoxy 8-20 mil. inside and outside meets or exceeds AWWA C550
- Conforms to MS SSP 128 / BS EN 1563 Spheroidal Graphite Cast Iron or Nodular Graphite Iron.

MATERIAL LIST

NO.	NAME	MATERIAL	Standard
1	Body	Ductile Iron	ASTM A536 Grade 65-45-12
2	Bonnet	Ductile Iron	ASTM A536 Grade 65-45-12
3	Seat O-Ring	Bronze C95400	ASTM A148
4	Disc	Ductile Iron + EPDM	ASTM A536 Grade 65-45-12+ ASTM D2000
5	Rocker Hanger Arm	Ductile Iron	ASTM A536 Grade 65-45-12
6	Baffle Plate	Bronze C95400	ASTM A148
7	Middle Stem	Stainless Steel SS304	ASTM A276
8	Stem	Stainless Steel SS304	ASTM A276
9	Bracket Screw	Stainless Steel SS304	ASTM A276
10	Plug	Bronze C95400	ASTM A148
11	Gasket	Stainless Steel SS304	ASTM A276
12	O-Ring	EPDM	ASTM D2000
13	O-Ring	EPDM	ASTM D2000
14	O-Ring	EPDM	ASTM D2000
15	O-Ring	EPDM	ASTM D2000
16	Bronze Bush	Powder Metallurgy	
17	Nut	Stainless Steel SS304	ASTM A276
18	Nut	Stainless Steel SS304	ASTM A276
19	Cotter Pin	Stainless Steel SS304	ASTM A276
20	Bolt	Carbon Steel 1045	Highly Corrosion Resistance ASTM A29
21	Bolt	Carbon Steel 1045	Highly Corrosion Resistance ASTM A29
22	Nut	Carbon Steel 1045	Highly Corrosion Resistance ASTM A29



MH-XQH-300
Flg x Flg

DIMENSIONS

DIMENSIONS—WEIGHTS—QUANTITIES

Size		L		H		D		T		Holes	Weight
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	(N)	(Kg)
2	50	8.00	203	5.60	142	5.98	152	0.63	16.00	4	15
2½	65	8.50	216	5.83	148	7.00	178	0.68	17.50	4	23
3	80	9.48	241	6.45	164	7.50	191	0.75	19.10	4	25
4	100	11.50	292	6.77	172	9.00	229	0.94	23.90	8	34
6	150	14.01	356	9.17	233	11.00	279	1.00	25.40	8	71
8	200	19.48	495	11.85	301	13.50	343	1.12	28.60	8	112
10	250	26.06	662	13.70	348	16.00	406	1.18	30.20	12	150
12	300	27.48	698	16.49	419	19.00	483	1.25	31.80	12	202

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