

350PSI Grooved Swing Check Valve

Model: MH-XQH-350G

Grooved End

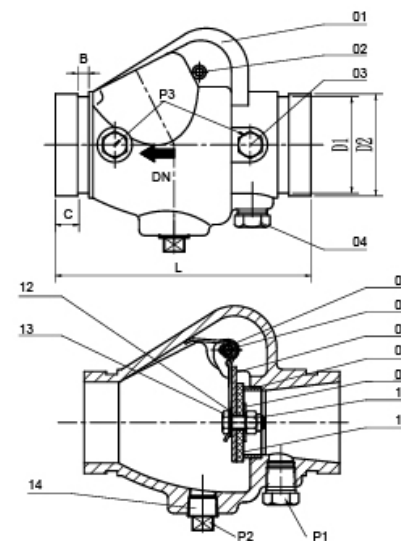
Technical Features

- Nominal Pressure: 350PSI
- Groove standard : ANSI / AWWA C606 or Metric
- Sizes: 2", 2½", 3", 4", 5", 6", 8", 10", 12"
- Approvals: UL, FM
- Flange Standard: ASME / ANSI B16.1 Class 125 or ASME / ANSI B16.42 Class 150 or BS EN1092-2 PN16 or GB / T9113.1
- Maximum Working Pressure: 350PSI (Maximum Testing Pressure: 700 PSI) conforms to UL 312 & FM class 1210
- Maximum Working Temperature: 80°C / 176°F
- Coating Details: Epoxy coated interior and exterior by Electrostatic Spray or coating upon request
- Applications: Used in one-way flow pipeline to prevent the water from back flow
- Other Connections: Flange*Flange; Groove*Flange; Flange*Groove



Valve Material List

NO.	Name	Material
1	Valve Body	Ductile Iron
2	Bolt	Steel 1045
3	Plug	Steel 1045
4	Plug	Steel 1045
5	Spring	Stainless Steel 304
6	Hinge Pin	Stainless Steel 304/Ductile Iron
7	Clapper	Stainless Steel 304
8	Seat	C95400
9	Clamping Ring	Stainless Steel 304
10	Locknut	Stainless Steel 304
11	Facing Seal	EPDM
12	Gasket	EPDM
13	Bolt	Stainless Steel 304
14	Plug	Steel 1045



Dimensions

Size	L	D1	D2	B	C	P1	P2						P3		
2"	169	57.15	60.3	7.95	15.88	Rc½-14 ½-14NPT	Rc½-14 ½-14NPT	Rc¾-14 ¾-14NPT	Rc1-11 1-11.5NPT	Rc1 ¼-11 1 ¼-11.5NPT	Rc1 ½-11 1 ½-11.5NPT	Rc2-11 2-11.5NPT	Rc¾-19 ¾-18NPT	Rc¾-19 ¾-18NPT	Rc½-14 ½-14NPT
2½"	181	69.09 72.26	73 76.1	7.95	15.88	Rc½-14 ½-14NPT	Rc½-14 ½-14NPT	Rc¾-14 ¾-14NPT	Rc1-11 1-11.5NPT	Rc1 ¼-11 1 ¼-11.5NPT	Rc1 ½-11 1 ½-11.5NPT	Rc2-11 2-11.5NPT	Rc¾-19 ¾-18NPT	Rc¾-19 ¾-18NPT	Rc½-14 ½-14NPT
3"	198	84.94	88.9	7.95	15.88	Rc½-14 ½-14NPT	Rc½-14 ½-14NPT	Rc¾-14 ¾-14NPT	Rc1-11 1-11.5NPT	Rc1 ¼-11 1 ¼-11.5NPT	Rc1 ½-11 1 ½-11.5NPT	Rc2-11 2-11.5NPT	Rc¾-19 ¾-18NPT	Rc¾-19 ¾-18NPT	Rc½-14 ½-14NPT
4"	214	110.08	114.3	9.53	15.88	Rc½-14 ½-14NPT	Rc½-14 ½-14NPT	Rc¾-14 ¾-14NPT	Rc1-11 1-11.5NPT	Rc1 ¼-11 1 ¼-11.5NPT	Rc1 ½-11 1 ½-11.5NPT	Rc2-11 2-11.5NPT	Rc¾-19 ¾-18NPT	Rc¾-19 ¾-18NPT	Rc½-14 ½-14NPT
5"	248	135.48 137.03	139.7 141.3	9.53	15.88	Rc½-14 ½-14NPT	Rc½-14 ½-14NPT	Rc¾-14 ¾-14NPT	Rc1-11 1-11.5NPT	Rc1 ¼-11 1 ¼-11.5NPT	Rc1 ½-11 1 ½-11.5NPT	Rc2-11 2-11.5NPT	Rc¾-19 ¾-18NPT	Rc¾-19 ¾-18NPT	Rc½-14 ½-14NPT
6"	270	160.78 163.96	165.1 168.3	9.53	15.88	Rc½-14 ½-14NPT	Rc½-14 ½-14NPT	Rc¾-14 ¾-14NPT	Rc1-11 1-11.5NPT	Rc1 ¼-11 1 ¼-11.5NPT	Rc1 ½-11 1 ½-11.5NPT	Rc2-11 2-11.5NPT	Rc¾-19 ¾-18NPT	Rc¾-19 ¾-18NPT	Rc½-14 ½-14NPT
8"	325	211.6 214.4	216.3 219.1	11.13	19.05	Rc½-14 ½-14NPT	Rc½-14 ½-14NPT	Rc¾-14 ¾-14NPT	Rc1-11 1-11.5NPT	Rc1 ¼-11 1 ¼-11.5NPT	Rc1 ½-11 1 ½-11.5NPT	Rc2-11 2-11.5NPT	Rc¾-19 ¾-18NPT	Rc¾-19 ¾-18NPT	Rc½-14 ½-14NPT
10"	457	268.3	273	12.7	19.05	Rc½-14 ½-14NPT	Rc½-14 ½-14NPT	Rc¾-14 ¾-14NPT	Rc1-11 1-11.5NPT	Rc1 ¼-11 1 ¼-11.5NPT	Rc1 ½-11 1 ½-11.5NPT	Rc2-11 2-11.5NPT	Rc¾-19 ¾-18NPT	Rc¾-19 ¾-18NPT	Rc½-14 ½-14NPT
12"	535	318.3	323.9	12.7	19.05	Rc½-14 ½-14NPT	Rc½-14 ½-14NPT	Rc¾-14 ¾-14NPT	Rc1-11 1-11.5NPT	Rc1 ¼-11 1 ¼-11.5NPT	Rc1 ½-11 1 ½-11.5NPT	Rc2-11 2-11.5NPT	Rc¾-19 ¾-18NPT	Rc¾-19 ¾-18NPT	Rc½-14 ½-14NPT