350PSI Grooved Swing Check Valve

Model: MH-XQH-350G

Grooved End

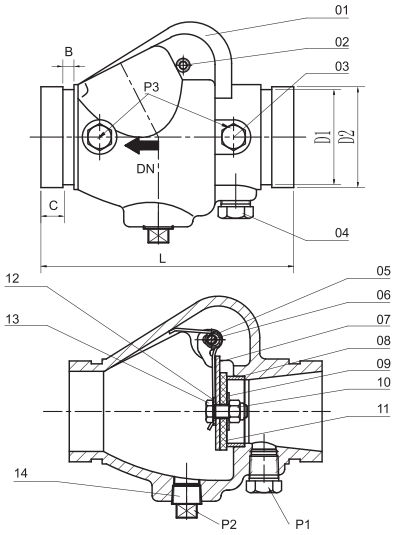


Technical Features

· Groove Standard : ANSI / AWWA C606 or Metric
· Sizes: 2", 2½", 3", 4", 5", 6", 8", 10", 12"
· Approvals: UL, FM
· Flange Standard: ASME/ANSI B 16.1 Class 125
ASME/ANSI B 16.42 Class 150
BS EN 1092-2 PN 16
GB / T9113.1
· Maximum Working Pressure: 350PSI
· Maximum Testing Pressure: 700PSI
· Pressure conforms to UL 312 / FM class 1210
· Working Temperature Range: 0~80°C / 32~176°F
· Coating Details: Epoxy coated or coating upon request
· Other Connections: Flange*Flange; Groove*Flange; Flange*Groove
· Applications: Used in one-way flow pipeline to prevent the water from back flow

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	Rc½-14	Rc¾-14	Rc1-11	Rc1 ¼-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc⅜-19	Rc½-14
						½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ¼-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	⅜-18NPT	½-14NPT
2½"	181	69.09	73	7.95	15.88	Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ¼-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc⅜-19	Rc½-14
		72.26	76.1			½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ¼-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	⅜-18NPT	½-14NPT
3"	198	84.94	88.9	7.95	15.88	Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ¼-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc⅜-19	Rc½-14
						½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ¼-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	⅜-18NPT	½-14NPT
4"	214	110.08	114.3	9.53	15.88	Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ¼-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc⅜-19	Rc½-14
						½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ¼-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	⅜-18NPT	½-14NTP
5"	248	135.48	139.7	9.53	15.88	Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ¼-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc⅜-19	Rc½-14
		137.03	141.3			½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ¼-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	⅜-18NPT	½-14NPT
6"	270	160.78	165.1	9.53	15.88	Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ¼-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc⅜-19	Rc½-14
		163.96	168.3			½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ¼-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	⅜-18NPT	½-14NPT
8"	325	211.6	216.3	11.13	19.05	Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ¼-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc⅜-19	Rc½-14
		214.4	219.1			½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ¼-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	⅜-18NPT	½-14NPT
10"	457	268.3	273	12.7	19.05	Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ¼-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc⅜-19	Rc½-14
						½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ¼-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	⅜-18NPT	½-14NPT
12"	535	318.3	323.9	12.7	19.05	Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ¼-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc⅜-19	Rc½-14
						½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ¼-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	⅜-18NPT	½-14NPT