350PSI Flanged Swing Check Valve — Model: MH-XQH-350F

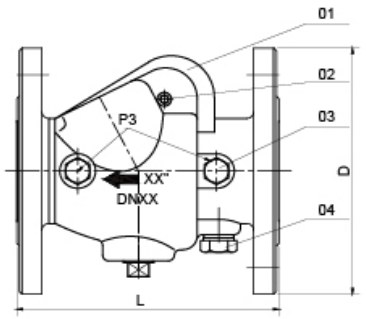
Flanged End

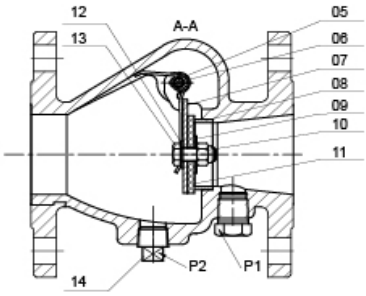
Technical Features

- Norminal Pressure: 350PSI
- Flange Standard: ASME/ANSI B16.1 Class 125 or ASME/ANSI B16.42 Class 150 or BS EN1092-2 PN16 or GB/T9113.1
- Sizes: 2", 2½", 3", 4", 5" , 6", 8", 10", 12"
- Approvals: UL, FM
- Maximum Working Pressure: 350 PSI (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

Valve Material List

NO.	Name	Material	Standard
1	Valve Body	Ductile Iron	ASTM A536 65-45-12
2	Bolt	Steel 1045	ASTM A29
3	Plug	Steel 1045	ASTM A29
4	Plug	Steel 1045	ASTM A29
5	Spring	Stainless Steel 304	ASTM A276
6	Hinge Pin	Stainless Steel 304/Ductile Iron	ASTM A276/ASTM A536 65-45-12
7	Clapper	Stainless Steel 304	ASTM A276
8	Seat	C95400	ASTM A148
9	Clamping Ring	Stainless Steel 304	ASTM A276
10	Locknut	Stainless Steel 304	ASTM A276
11	Facing Seal	EPDM	ASTM D2000
12	Gasket	EPDM	ASTM D2000
13	Bolt	Stainless Steel 304	ASTM A276
14	Plug	Steel 1045	ASTM A29





Dimensions

Size	L	D	P1	P2						P3		
2"	169	152	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	178	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
3"	198	191	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	229	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
5"	248	254	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
6"	270	280	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
8"	325	343	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
10"	457	406	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	483	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