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We reserve the right to change the technical data sheet without prior notice and without any obligation.

Grooved check valves offer an easy-to-install and leak-proof solution for preventing backflow between pipe sections. The MH-XQH-350G model is suitable for both fire protection and HVAC applications (heating, ventilation, and air conditioning).

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: 350 PSI

Maximum Testing Pressure: 700 PSI

Pressure conforms to UL 312 / FM class 1210

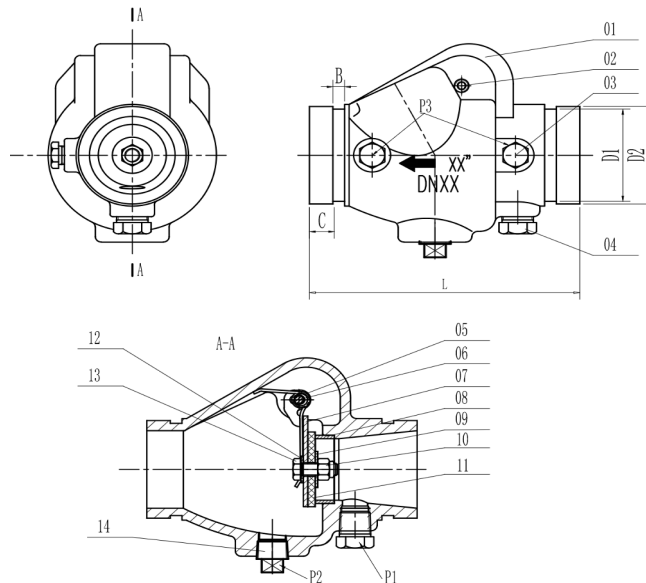
Working Temperature Range: 0~80°C / 32~176°F

Coating Details: Epoxy coated or coating upon request

Other Connections: FlangeFlange; GrooveFlange; Flange*Groove



Size (inch)	Product number	L	D1	D2	B	C	Approvals
2"	GRV-CHK-2	169	57,15	60,3	7,95	15,88	UL, FM, CE
2½"	GRV-CHK-21/2	181	72,26	76,1	7,95	15,88	UL, FM, CE
3"	GRV-CHK-3	198	84,94	88,9	7,95	15,88	UL, FM, CE
4"	GRV-CHK-4	214	110,08	114,3	9,53	15,88	UL, FM, CE
5"	GRV-CHK-5	248	135,48	139,7	9,53	15,88	UL, FM, CE
6"	GRV-CHK-6	270	163,96	168,3	9,53	15,88	UL, FM, CE
8"	GRV-CHK-8	325	214,40	219,1	11,13	19,05	UL, FM, CE
10"	GRV-CHK-10	457	268,30	273,0	12,70	19,05	UL, FM, CE
12"	GRV-CHK-12	535	318,30	323,9	12,70	19,05	UL, FM, CE



TECHNICAL SPECIFICATION

- Groove standard: Metric ORAWWA C606
- Working pressure: 350PSI, 300PSI, 250PSI, 200PSI, 175PSI or PN16
- Existence of tapped holes P1, P2 and P3 upon Client's request

Item	Name	Qty	Material
1	Valve Body	1	DI, ASTM A536 Grade 65-45-12
2	Bolt	2	1045, ASTM A29
3	Plug	2	1045, ASTM A29
4	Plug	1	1045, ASTM A29
5	Spring	1	SS304, ASTM A276
6	Hinge Pin	1	SS304, ASTM A276
7	Clapper	1	SS304, ASTM A276 or DI, ASTM A536 Grade 65-45-12
8	Seat	1	C95400, ASTM B148
9	Clamping Ring	1	SS304, ASTM A276
10	Locknut	1	SS304, ASTM A276
11	Facing Seal	1	EPDM, ASTM D2000
12	Gasket	1	EPDM, ASTM D2000
13	Bolt	1	SS304, ASTM A276
14	Plug	1	1045, ASTM A29

Storage:

We suggest to store our products in a closed and dry environment.

Installation recommendation:

Please read the technical data sheet and the installation instructions before working with the product! Installers must be trained or experienced in the installation of grooved pipe connection systems.

Never work on pipes under pressure and/or filled with water!

Use the necessary protective equipment to avoid personal injuries (helmet, safety shoes, safety glasses, gloves).



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