



SIZE	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
DN	51	64	80	100	126	152	204	254	302
L	203	216	241	292	330	356	495	622	698
D	152	178	191	229	254	279	343	406	483
c	120.5	139.5	152.5	190.5	216	241.5	298.5	362	432
n-d	4- $\phi$ 19	4- $\phi$ 19	4- $\phi$ 19	8- $\phi$ 19	8- $\phi$ 22	8- $\phi$ 22	8- $\phi$ 22	12- $\phi$ 25	12- $\phi$ 25
H	142	148	163.5	172	237	233	301	348	419



TECHNICAL SPECIFICATION  
1.DESIGN STANDARD: AWWA C508.  
2.NOMINAL PRESSURE: 300PSI.  
3.FLANGE STANDARD: ASME/ANSI B16.1  
Class 125 OR ASME/ANSI B16.42 Class150  
OR BS EN1092-2 PN16 OR GB/19113.1.  
4.FACE TO FACE STANDARD: ASME B16.10  
5.ELECTROSTATIC SPRAYING BOTH INSIDE  
AND OUTSIDE THE BODY.

No.	Name	Drawing code/Model	Material/Standard	Qty	Remark
1	Body	MH-XQH-NPS-01	ASTM A538 65-45-12	1	
2	Bonnet	MH-XQH-NPS-02	ASTM A538 65-45-12	1	
3	Seat Ring	MH-XQH-NPS-03	ASTM A148 C96400	1	
4	Disk	MH-XQH-NPS-04	ASTM A538 65-45-12	1	
5	Rocker arm	MH-XQH-NPS-05	ASTM A538 65-45-12	1	
6	Baffle plate	MH-XQH-NPS-06	ASTM A148 C96400	1	
7	Middle plate	MH-XQH-NPS-07	ASTM A278 S8304	1	
8	Pinned stem	MH-XQH-NPS-08	ASTM A278 S8304	1	
9	Bracket screw	MH-XQH-NPS-09	ASTM A561 S8304	2	No show in
10	Plug	MH-XQH-NPS-10	ASTM A148 C96400	2	
11	Gasket	MH-XQH-NPS-11	ASTM A278 S8304	1	
12	O-ring (flange)	MH-XQH-NPS-12	ASTM D2000 EPDM	1	
13	O-ring (for bracket screw)	MH-XQH-NPS-13	ASTM D2000 EPDM	2	No show in
14	O-ring (for mid stem)	MH-XQH-NPS-14	ASTM D2000 EPDM	1	
15	O-ring (for mid stem small)	MH-XQH-NPS-15	ASTM D2000 EPDM	1	
16	Bronze bushing 300PSI	MH-XQH-NPS-16	Powder metallurgy	2	No show in
17	SS304 outer hexagon nut	GB/T6170-2000 A2-70	ASTM A278 S8304	1	
18	SS304 outer hexagon nut	GB/T6170-2000 A2-70	ASTM A278 S8304	1	
19	SS304 outer pin	GB/T81-2000 A2-70	ASTM A278 S8304	2	
20	Zinc outer hexagon bolt (half thread)	GB/T5782-2000 8.8	ASTM A194 2H	n	
21	Zinc outer hexagon bolt (full thread)	GB/T5782-2000 8.8	ASTM A194 2H	n	
22	Zinc outer hexagon nut	GB/T6170-2000 8.8	ASTM A194 2H	n	

TOLERANCE / TOLERANCES		INDICE		NATURA DELLA MODIFICA		DATA		FIRMA	
LUNGHEZZA	ANGOLI	SMISURI	RAGGI						
UNITI	ANGOLI	BEVELS	RADIUS						
UNI - ISO 27168 m				VALVOLE DI RITEGNO A CLAPET - UL/FM					
FORI / HOLES				ALBERI / SHAFTS		DISEGNO / DRAWING DATA			
H13				H13		VM			
SCALA / SCALE				MATERIALE / MATERIAL		07/12/2022			
DUREZZA / HARDNESS				PESO / WEIGHT		FIRMA			
RESISTENZA / STRENGTH				TRATTAMENTO/TREATMENT		FIRMA			
ZIGGIOTTO & C.				VERONA - ITALIA		dis-Art 405 Rev.0			

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