

**Detachable
/ Integrated Designs**



FEATURES

- Dual flushing ports
- Flanged & in-line seal designs
- Optional exotic materials
- Up to 600# rating

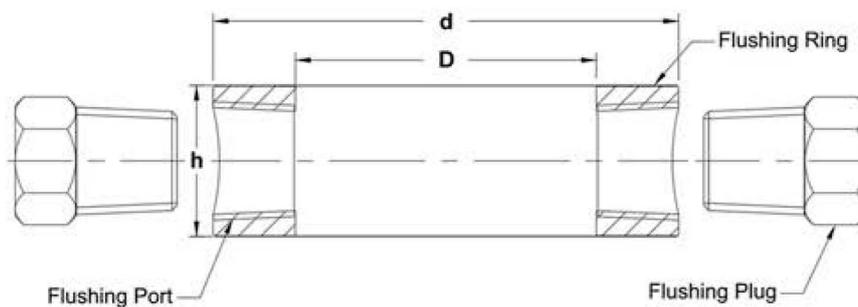
APPLICATIONS

- Flushing crystalized media
- Cleaning of diaphragms

STANDARD PARAMETERS

Flange Size	As per ANSI B16.5 DN25 up to DN100 as per EN 1092-1
Material	AISI 316 SS
Flange facing	Raised face
Flushing port	½" NPT (F), plugged
Maximum working pressure	As per flange rating
Facing finish	125 - 250 AARH for Raised Face

DIMENSIONAL DRAWING



Connections as per EN 1092-1				
DN	PN	d	D	h
25	16...400	68	27	33 (25 for ¼" NPT)
40	16...400	88	50	33 (25 for ¼" NPT)
50	16...400	102	62	33 (25 for ¼" NPT)
80	16...400	138	92	33 (25 for ¼" NPT)
100	16...400	162	92	33 (25 for ¼" NPT)
125	16...400	188	126	33 (25 for ¼" NPT)

Connections as per ANSI B 16.5,RF (RaisedFace)				
Size	Class	d	D	h
1"	150...2500	51	27	33 (25 for ¼" NPT)
1½"	150...2500	73	41	33 (25 for ¼" NPT)
2"	150...2500	92	62	33 (25 for ¼" NPT)
3"	150...2500	127	92	33 (25 for ¼" NPT)
4"	150...2500	157	92	33 (25 for ¼" NPT)
5"	150...2500	185.5	126	33 (25 for ¼" NPT)

ORDERING CODES

1. FLANGE SIZE		XXX	4. FLUSING PORT SIZE		02N	
XXX	Refer flange table for the codes		02N	1/4" NPT (F)		
			04N	1/2" NPT (F)		
2. MATERIAL		MF	5. OTHER OPTIONS			XL
MB	ASTM A105 / Carbon Steel		TC	Material test certificate		
MF	AISI 316 SS		TN	NACE standards		
MG	AISI 316L SS		TO	Use for Oxygen service		
MM	Monel		XL	Marking by laser		
MO	Hastelloy C-276					
3. FLANGE FACING		RF				
RF	Raised Face					
RJ	Ring-Type Joint					
FF	Flat Face					

Ordering Example:
MT-A100FR-XXX-MF-RF-02N-XL

STANDARD RANGES

ANSI B 16.5								
Code	Size	Rating	Code	Size	Rating	Code	Size	Rating
A01	1/2"	150#	A02	1/2"	300#	A03	1/2"	600#
A04	1/2"	900#	A05	1/2"	1500#	A06	1/2"	2500#
A07	3/4"	150#	A08	3/4"	300#	A09	3/4"	600#
A10	3/4"	900#	A11	3/4"	1500#	A12	3/4"	2500#
A13	1"	150#	A14	1"	300#	A15	1"	600#
A16	1"	900#	A17	1"	1500#	A18	1"	2500#
A19	1 1/4"	150#	A20	1 1/4"	300#	A21	1 1/4"	600#
A22	1 1/4"	900#	A23	1 1/4"	1500#	A24	1 1/4"	2500#
A25	1 1/2"	150#	A26	1 1/2"	300#	A27	1 1/2"	600#
A28	1 1/2"	900#	A29	1 1/2"	1500#	A30	1 1/2"	2500#
A31	2"	150#	A32	2"	300#	A33	2"	600#
A34	2"	900#	A35	2"	1500#	A36	2"	2500#
A37	2 1/2"	150#	A38	2 1/2"	300#	A39	2 1/2"	600#
A40	2 1/2"	900#	A41	2 1/2"	1500#	A42	2 1/2"	2500#
A43	3"	150#	A44	3"	300#	A45	3"	600#
A46	3"	900#	A47	3"	1500#	A48	3"	2500#
A49	4"	150#	A50	4"	300#	A51	4"	600#
A52	4"	900#	A53	4"	1500#	A54	4"	2500#