

MONOFLANGE



The Reotemp Monoflange, available in single isolation or block-and-bleed styles, offers a slim, compact design for mounting instruments to process piping. It can be ordered pre-assembled with a gauge and accessories like compact siphons and swivel adapters for added convenience.

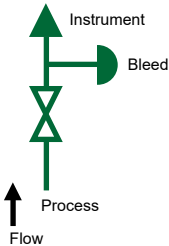
FEATURES / BENEFITS

- Designed for process media to be shut off before removal of instrumentation
- Fewer potential leak paths than conventional configurations
- More compact and lighter than conventional configurations
- Leak tested before being shipped
- All monoflanges with 316SS bodies comply with NACE MR0175

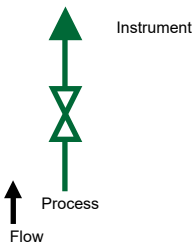
SPECIFICATIONS

Body Materials	316SS, Carbon Steel, Monel, and Hastelloy C276
Max Valve Pressure Rating	6,000 psi
Min/Max Temperature Rating	-40°F to 1,000°F
Seats Available	Hard (Integral)
Outlet Connections Available	1/4" FNPT, 1/2"FNPT, Flanged
Inlet Connections Available	1/2" to 2", 150# to 2500#, FF, RF, RTJ
Optional Bleed Connections	1/4" FNPT and 1/2" FNPT

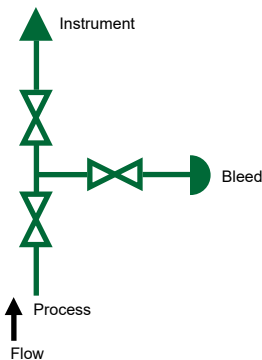
VALVES



Block and Bleed Flow Pattern



Single Isolation Flow Pattern



Double Block and Bleed Flow Pattern

MONOFLANGE

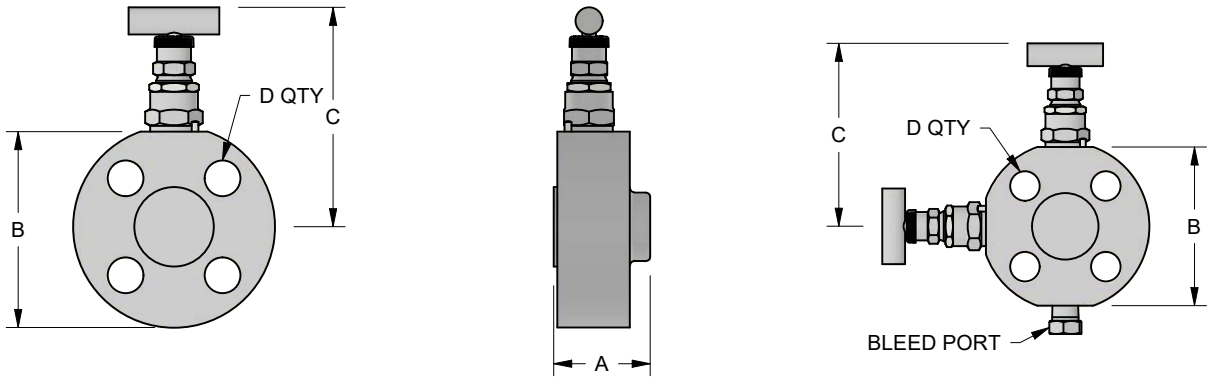
HOW TO ORDER: Choose options to build a part number. For example: **MF2TR212FSBH4-TS**

MODEL	VALVE STYLE	STEM SEAL	INLET FLANGE TYPE	INLET CONNECTION SIZE	INLET RATING
MF	2	T	R	2	1
MF = Monoflange	1 = Single Isolation (One Valve) 2 = Block and Bleed (Two Valves) 3 = Double Block and Bleed (Three Valves) 4 = Single OS&Y Primary Isolation Valve (One Valve) 5 = Block and Bleed with OS&Y Isolation Valve and Bleed Valve (Two Valves) 6 = Double Block and Bleed with OS&Y Isolation Valve, Isolation Valve, and Bleed Valve (Three Valves)	T = PTFE Packing - Standard G = Graphite Packing	R = Raised Faced Flange J = Ring Type Joint Flange F = Flat Faced Flange	0 = 1/2" T = 3/4" 1 = 1" H = 1.5" 2 = 2"	1 = 150# 3 = 300# 6 = 600# 9 = 900/1500# 5 = 2500#
OUTLET CONNECTION	BODY MATERIAL	BLEED PORT	OPTIONS		
2F = 1/2" NPT Female 4F = 1/4" NPT Female XX = Flanged - Same Size as Inlet	S = 316SS C = Carbon Steel M = Monel H = Hastelloy C276	X = No Bleed Port* BH4 = 1/4" FNPT Bleed Port with Hex Plug Installed BP4 = 1/4" FNPT Bleed Port with Bleed Plug Installed BV4 = 1/4" FNPT Bleed Port with Bleed Valve Installed BN4 = 1/4" FNPT Bleed Port with Needle Valve Installed BH2 = 1/2" FNPT Bleed Port with Hex Plug Installed BP2 = 1/2" FNPT Bleed Port with Bleed Plug Installed BV2 = 1/2" FNPT Bleed Port with Bleed Valve Installed BN2 = 1/2" FNPT Bleed Port with Needle Valve Installed	HT = Internal Hydrostatic Test PM = Positive Material Test MR = MTR for Body HL = Lockable Handle(s) TS = Stainless Steel Tag		

*Only available with single isolation.

Note: Not all combinations in the above table are possible. Conversely, if a combination is desired but not seen, ask your Reotemp Customer Representative. Custom valves can be made and many more options exist.

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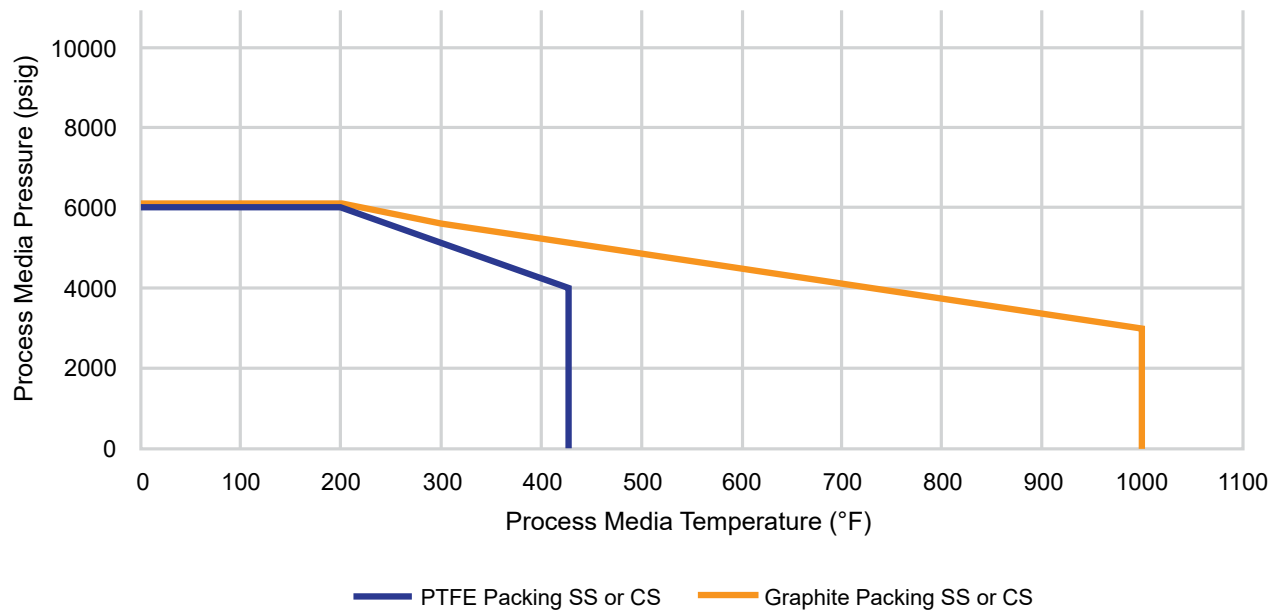


Size (in)	Rating (lb)	Dimensions (in)			Approximate Weight (lb)	D Quantity
		A-RF	B	C		
1/2	150	1.52	3.5	8.66	4.3	4
1/2	300	1.52	3.75	8.9	4.3	4
1/2	600	1.71	3.75	8.9	4.3	4
1/2	900/1500	1.71	4.75	9.84	7.4	4
1/2	2500	1.71	5.25	10.47	7.4	4
3/4	150	1.52	3.88	9.06	4.3	4
3/4	300	1.52	4.62	9.84	7.4	4
3/4	600	1.71	4.62	9.84	7.4	4
3/4	900/1500	1.71	5.12	10.24	7.4	4
3/4	2500	1.78	5.5	10.62	12.1	4
1	150	1.52	4.25	9.45	5.4	4
1	300	1.52	4.88	10.08	7.4	4
1	600	1.71	4.88	10.08	7.4	4
1	900/1500	1.71	5.88	11.02	12.1	4
1	2500	1.91	6.25	11.42	12.1	4
1 ½	150	1.52	5	10.16	7	4
1 ½	300	1.52	6.12	11.34	12.1	4
1 ½	600	1.71	6.12	11.34	12.1	4
1 ½	900/1500	1.78	7	12.13	17.3	4
1 ½	2500	2.28	8	13.15	25.2	4
2	150	1.52	6	11.18	12.1	4
2	300	1.52	6.5	11.73	17.3	8
2	600	1.71	6.5	11.73	17.3	8
2	900/1500	2.03	8.5	14.09	25.2	8
2	2500	2.53	9.25	14.88	25.2	8

MONOFLANGE

Maximum Temperature and Pressure Rating of Valves

Pressure vs. Temperature



VALVES

MonoFlange Ratings

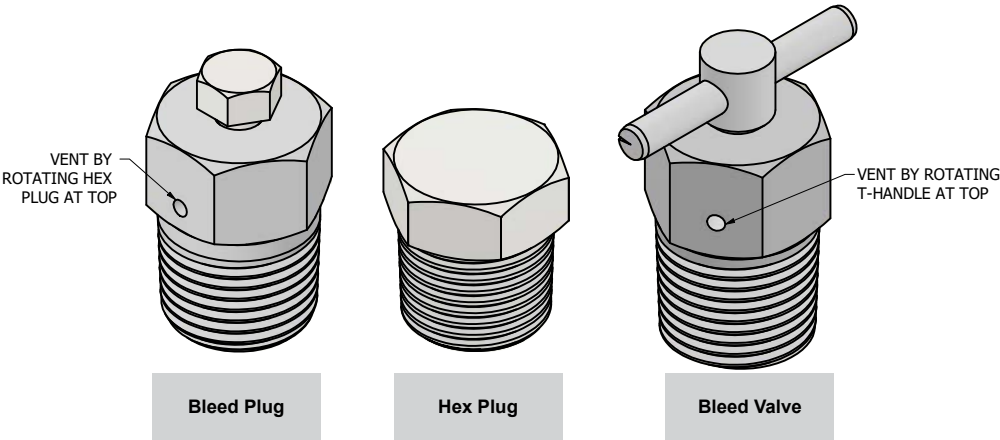
PTFE Packing SS or CS	6,000psi at 200°F 4,000psi at 430°F
Graphite Packing SS or CS	6,000psi at 200°F 3,000psi at 1,000°F

Minimum Temperature Ratings MonoFlange

All Packing Options SS	-40°F
All Packing Options CS	-20°F

MONOFLANGE VALVE

Bleed Port Plug Options



Instrument and Valve Assemblies

Reotemp offers in house mounting services by preinstalling pressure instruments, accessories, and/or valves prior to shipping to allow for stress free/easy installation.

- ✓ Inspector's Lacquer and Threads Sealed with Loctite 567 or High Temperature Sealant
- ✓ 100% Argon Leak Checked (Maximum 1,000 psi)
- ✓ Packaged for Out of Box Installation

