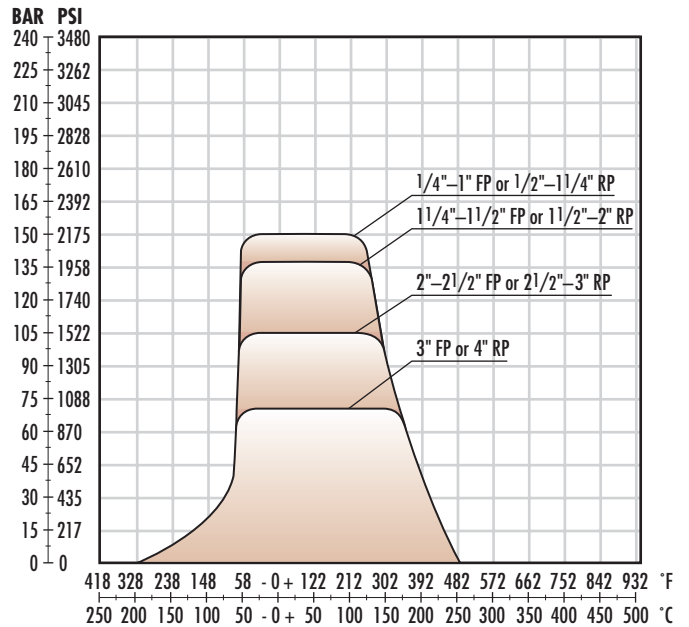


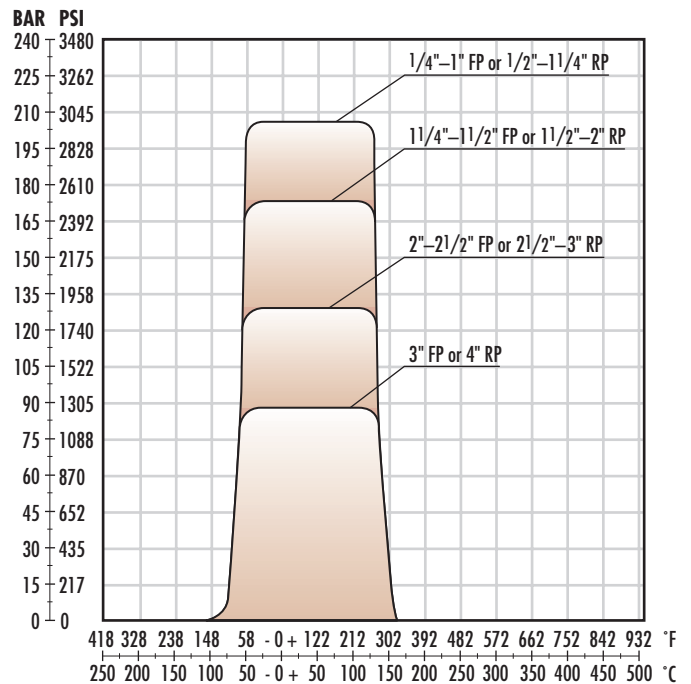
## Pressure Temperature – M Seat



## Parts & Materials

Part No.	Qty.	Description	Material, Series 5331/6331	
			A105	F316
1	1	Handle	C.S. Galvanized Plastic Cover	C.S. Galvanized Plastic Cover
2A/2B	2	Nut	C.S. Zinc Plated	S.S. 316
3	1	Packing Ring	Graphite	Graphite
4	2	Spring Washer	S.S. 302	S.S. 302
5	1	Antistatic Stem	S.S. 316	S.S. 316
6	1	Gland Follower	S.S. 316	S.S. 316
7	1	Thrust Washer	20% C 5% Graphite Filled TFE	20% C 5% Graphite Filled TFE
8	1	Stem O-Ring	Viton®	Viton®
9	1	Ball	S.S. 316	S.S. 316
10	2	Seats	Reinforced PTFE	Reinforced PTFE
11	2	Body Seal	Viton®	Viton®
12	1	Body	ASTM A105N	ASTM A182 F316
13	2	End Connections	ASTM A105N	ASTM A182 F316L
14	1	Stop-Pin	Integral or C.S.	Integral or S.S.
16	8	Bolt	ASTM A193 B7M	ASTM A193 B8M
17	1	Stop Washer	S.S. 316	S.S. 316
18	2	Body Seal	Graphite	Graphite
19	2	Seat Ring	Reinforced TFE	Reinforced TFE

## Pressure Temperature – D Seat



## Soft Parts Repair Kits\*, M and D Seat

Part No.	Qty.	Seat Design	Description	Material
3	1	M, D	Packing Ring	Graphite
7	1	M, D	Thrust Washer	RPTFE
8	1	M, D	Stem O-Ring	Viton®
10	2	M	Seats	20% C-5% GR. Filled TFE
10	2	D	Seats	Devlon® V
11	2	M	Body Seals	Carbon Filled TFE
11	2	D	Body Seals	RTEFE
18	2	M, D	Body Seals	Graphite

\* M = Contents of "M" Seat Kit. ■ D = Contents of "D" Seat Kit.

## Flow Coefficient (Cv)

Size (in.) Reduced Port									
-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
-	8	13	32	48	82	120	275	460	700

Size (in.) Full Port									
1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
8	8	12	30	45	78	115	265	445	680

Flow Data: Flow rates were determined for ball valves in fully open position and a water temperature of 60°F (15°C). Cv value is the full capacity flow rate through the ball valve in gallons/min. of water at 60°F with a pressure of one PSI.