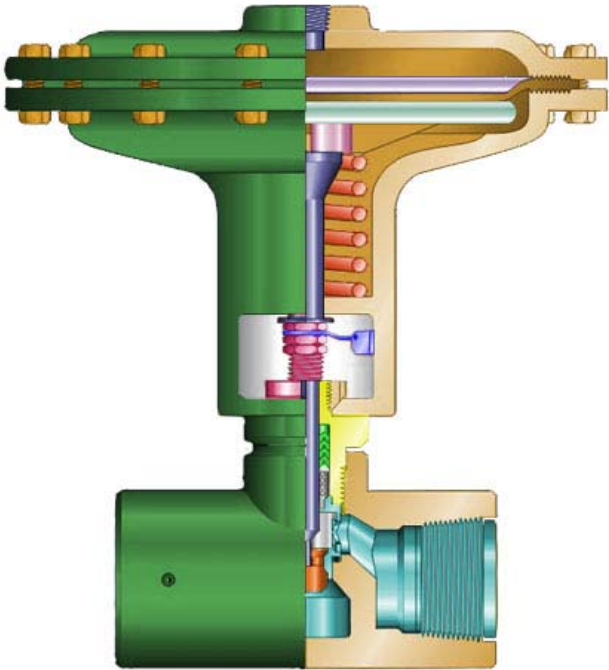
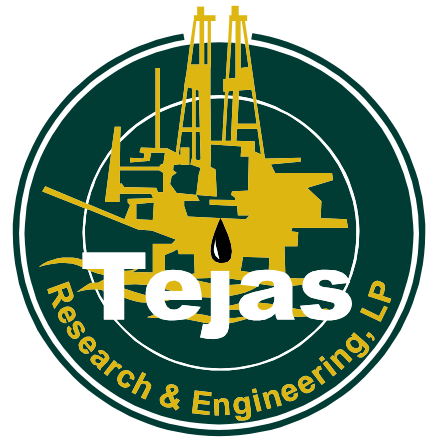


MV-60 Motor Valves



MV-60 valves can be used for snap-open or throttling service. MV-60 valves can also be used for high pressure regulator, dump valve and time cycle control. They make effective well-head control units, constant-rate controllers and differential pressure controllers. In addition, they can be used in low-rate, low-pressure gas and water injection.



Features

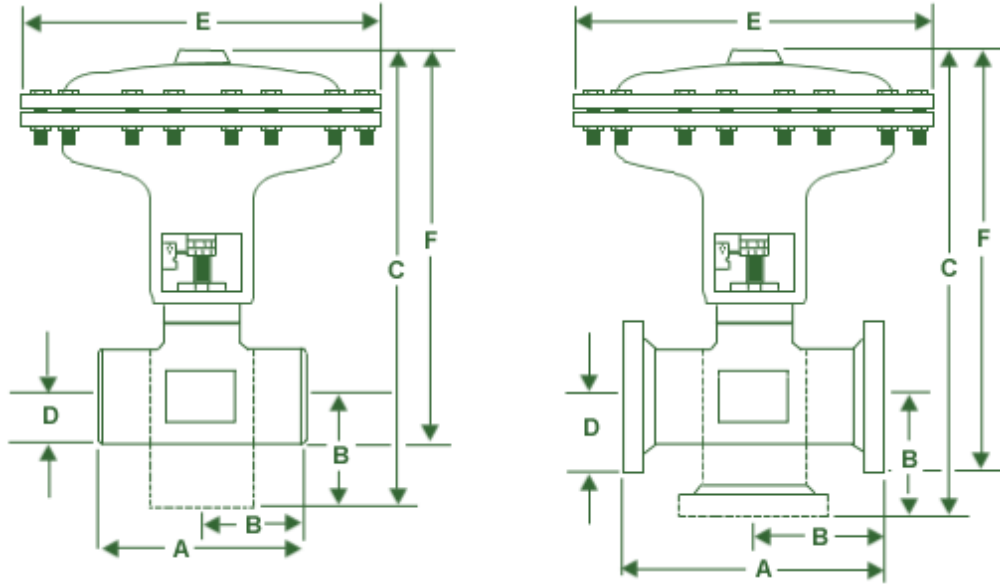
- The MV-60 valve is rated to 4,000 psi (27.5 MPa)
- Valves are available in 1 inch and 2 inch sizes.
- Valves are available in angled and through configurations.
- Valves are available with thread, welded, or flanged connections.
- Trim is stainless steel (standard) with optional tungsten-carbide trim available.
- Trims are available in 1/4 inch, 3/8 inch and 1 inch sizes.
- Multiple valve sizes, configurations and materials make the valve economical for numerous applications.
- Valve parts and seat can be replaced without removal from the line, ensuring economical service and minimal downtime.
- Pressure-opened and pressure-closed configurations use the same parts, making MV-60 versatile and economic. avitation and erosion protection
- Noise suppression
- Internal component replacement without removing valve from service

Features

- Single-element, external-sleeve trim design
- Multiple-ported sleeve design upstream of the flow-throttling element
- Combination valve trim options available



Engineering Data



Comparison of API and ANSI Ring Joint Flange Pressure Ratings at 100 F

Flange Designation		Pressure Rating, PSI, at 100 F	
ANSI	API	ANSI	API
600	2000	1440	2000
900	3000	2160	3000
500	5000	3600	5000

MV-60 Note: Add 6.60" to "C" or "F" dimensions for HMV-60

Merla	End Connection	Dimensions - Inches											
		A				B				C			
Press Rating		1"	2"	3"	4"	1"	2"	3"	4"	1"	2"	3"	4"
4000	Screwed	6.3	7.8			3.1	3.5			14.39			
4000	Socket Weld	5.12	6.75			2.56	3.37			13.88	14.97		
275	150 RF flange		9		13		4.5		6.5		16.19		
720	300 RF flange		10				5				16.69		
1440	600 RF flange	8.5	11.5	14		4.25	5.75	7		15.57	17.44		
2000	600 RJ flange	8.5	11.5			4.25	5.75			15.57	17.44		
3600	1500 RF flange	10	14.5			5	7.25			16.32	18.94		
5000	1500 RJ flange	10	14.5			5	7.25			16.32	18.94		
2160	900 RF flange			15				7.5					
3000	900 RJ flange			15.12				7.56					

MV-60 Note: Add 6.60" to "C" or "F" dimensions for HMV-60

Merla	End Connection	Dimensions - Inches												Weight-lbs			
		D				E				F				1"	2"	3"	4"
Press Rating		1"	2"	3"	4"	1"	2"	3"	4"	1"	2"	3"	4"	1"	2"	3"	4"
4000	Screwed	1.06	1.72			12.25	12.25			12.37	13.25			55	65		
4000	Socket Weld	1.06	1.72			12.25	12.25			12.37	13.25			55	65		
275	150 RF flange		3		4.5		12.25		12.25		14.53		16.03	107			120
720	300 RF flange		3.25				12.25				14.78				116		
1440	600 RF flange	2.44	3.25	4.12		12.25	12.25	12.25		13.81	14.78	15.65		115	125	125	
2000	600 RJ flange	2.44	3.25			12.25	12.25			13.81	14.78			115	125		
3600	1500 RF flange	2.94	4.25			12.25	12.25			14.31	15.78			115	125		
5000	1500 Rj flange	2.94	4.25			12.25	12.25			14.31	15.78			115	125		
2160	900 RF flange			4.75				12.25					16.38			125	
3000	900 Rj flange			4.75				12.25					16.38			125	