

Model D Pig Valve Injection Capacity

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1.0 PURPOSE

To outline the injection capacity in the Argus Model D Pig Valves.

2.0 SCOPE

Argus Pig Valves are equipped with seat injection ports. These ports are used to inject cleaners, lubricants, and sealants into the interface between the seat insert and the ball. Periodic injection of these cleaners, lubricants and sealants will reduce downtime, costly repairs and prolong the life of the Pig Valve. The volumes published in this document are per seat, not per valve.

3.0 INJECTION CAPACITY PER SEAT BY VALVE SIZE AND CLASS

Table 1.0: Injection Capacity Per Seat

Valve Size	Pressure Class	Initial Fill Volume ^{1,4}		Flush Volume ^{2,4}		Injection Volume for Maintenance ^{3,4}	
		[oz]	[cm ³]	[oz]	[cm ³]	[oz]	[cm ³]
6"	900 & 1500	5	148	7	193	2	58
8"	150-600	11	326	15	424	5	127
	900	12	355	16	462	5	139
	1500	13	385	17	501	5	150
10"	150	16	474	21	617	6	185
	300-600	15	444	20	578	6	173
12"	150	24	710	32	923	10	277
	300-600	21	622	28	809	8	243
	900	22	651	29	847	9	254
14"	150-600	23	681	30	886	9	266
16"	150-600	24	710	32	923	10	277
18"	150	24	710	32	923	10	277
20"	150	33	976	43	1269	13	381
	600	29	858	38	1116	11	335

- 1) Initial fill volume is the volume required to fill the injection cavity to capacity after valve assembly, or flush with cleaner.
- 2) Flush volume is the volume required to completely refill the cavity with fresh lubricant, cleaner, or sealant.
- 3) Maintenance injection volume based on regular injection program to ensure cavity remains filled with lubricant.
- 4) See Argus Pig Valve Installation, Operation, and Maintenance Manual, MV-PV-004 or MN-PV-005, for guidance on injection frequency and lubricant, cleaner or sealant recommendations.

Specifications are Subject to Change Without Prior Notice – All Dimensions: inch [mm]

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