

## NOSHOK Manifold Valves Reference Chart (Continued on next page)

		Static Pressure Block & Bleed		Liquid Level		Static Pressure Narrow Block & Bleed				Static Pressure Mini Block & Bleed	
		Hard Seat	Soft Seat	Hard Seat	Soft Seat	Hard Seat	Soft Seat	Hard Seat	Soft Seat	Hard Seat	Soft Tip
SERIES		2000	2100	2020	2120	200002	200402	210002	210402	2602	2702
Materials	Zinc-nickel plated steel	.	.	.	.	.	.	.	.	.	.
	Electropolished 316 stainless steel	.	.	.	.	.	.	.	.	.	.
	360 brass										
Connections	1/8" NPT									.	.
	1/4" NPT	.	.							.	.
	3/8" NPT										
	7/16"-20 UNF 2B										
	1/2" NPT	.	.	.	.	.	.	.	.		
	1/2" NPT male - 1/4" NPT female										
	9/16"-18 UNF 2B										
	3/4" NPT										
	3/4" NPT male - 1/2" NPT female										
	1" NPT										
1-1/4" NPT											
1-1/2" NPT											
Valve Type	Male-Male										
	Male-Female										
	Female-Female	.	.							.	.
	Female-Male										
	Male-Male Angle										
	Male-Female Angle										
	Female-Female Angle										
	Male										
	Male-Female Extended										
	Female-Male Extended										
	Female-Female Extended										
	Flange-Female	.	.	.	.	.	.	.	.	.	.
	Flange-Flange	.	.	.	.	.	.	.	.	.	.
Pressure Ratings	3,000 psi										
	6,000 psi		.		.						.
	10,000 psi	.		.		.	.			.	
Orifice Size	0.141"									.	.
	0.156"										
	0.172"										
	0.187"	.	.	.	.	.	.	.	.		
	0.375"										
0.438"											
Flow Coefficient (Cv)	0.38									.	.
	0.42										
	0.44	.		.		.	.				
	0.64										
	0.76		.		.			.	.		
	2.70										
	3.00										
4.00											
Stem Seal	FKM	.	.	.	.	.	.	.	.	.	.
	PTFE	.	.	.	.	.	.	.	.	.	.
	EPDM	.	.	.	.	.	.	.	.	.	.
	FFKM	.	.	.	.	.	.	.	.	.	.
	NBR	.	.	.	.	.	.	.	.	.	.
Packings	PTFE	.	.	.	.	.	.	.	.	.	.
	Grafoil®	.		.		.	.	.	.	.	.
Soft Seats	Delrin®		.		.		.		.		.
	PEEK		.		.		.		.		.
	PCTFE		.		.		.		.		.
Stem Tips	Rotating (316 stainless)	.	.	.	.	.	.	.	.	.	.
	Delrin®										.
	Non-rotating (316 stainless)		.	.	.	.	.	.	.	.	.
	Ball (440C stainless)			.	.	.	.	.	.	.	.
	Ball (carbide)	.		.	.	.	.	.	.	.	.
	Ball (ceramic)	.		.	.	.	.	.	.	.	.
	Ball (Monel)	.		.	.	.	.	.	.	.	.
	Regulating hard	.		.	.	.	.	.	.	.	.
	PTCFE										.
	PEEK										.
	Regulating Delrin®										.
	Regulating PTCFE										.
Regulating PEEK										.	
Handles	1-13/16" Mini "T" - HL1	.	.	.	.	.	.	.	.	.	.
	2-1/2" "T" - HL2	.	.	.	.	.	.	.	.	.	.
	1" Round Knurled - HL3	.	.	.	.	.	.	.	.	.	.
	1-3/8" Phenolic - HL4	.	.	.	.	.	.	.	.	.	.
	1-3/4" Phenolic - HL5	.	.	.	.	.	.	.	.	.	.
	1-3/8" Mini "T" - HL7									.	.
	2-3/8" Phenolic - HL9									.	.

## NOSHOK Manifold Valves Reference Chart

		Static Pressure Block & Bleed				Meter Manifold	Differential Pressure					Natural Gas		
		Hard Seat	Soft Tip			Soft Seat	Hard Seat	Soft Seat		Soft Tip	Hard Seat	Soft Seat/Tip		
SERIES		2603	2604	2703	2704	2180	3010	3610	3110	3510	3710	5030	5130	5530
Materials	Zinc-nickel plated steel	.	.	.	.	.	.	.	.	.	.	.	.	.
	Electropolished 316 stainless steel	.	.	.	.	.	.	.	.	.	.	.	.	.
Connections	360 brass													
	1/8" NPT													
	1/4" NPT					.		.		.				
	3/8" NPT	.		.										
	7/16"-20 UNF 2B													
	1/2" NPT		.		.			.	.	.		.	.	.
	1/2" NPT male - 1/4" NPT female													
	9/16"-18 UNF 2B													
	3/4" NPT													
	3/4" NPT male - 1/2" NPT female													
Valve Type	1" NPT													
	1-1/4" NPT													
	1-1/2" NPT													
	Male-Male													
	Male-Female													
	Female-Female	.	.	.	.	.	.	.	.	.	.	.	.	.
	Female-Male													
	Male-Male Angle													
	Male-Female Angle													
	Female-Female Angle													
Pressure Ratings	Male													
	Male-Female Extended													
	Female-Male Extended													
	Female-Female Extended													
	Flange-Female						.	.	.	.	.	.	.	.
	Flange-Flange						.	.	.	.	.	.	.	.
	3,000 psi													
	6,000 psi					.						.	.	.
	10,000 psi	.	.				.	.				.	.	.
	Orifice Size	0.141"							.		.			
0.156"		.	.	.	.									
0.172"														
0.187"						.		.			.	.	.	
0.375"									.				.	
Flow Coefficient (Cv)	0.438"													
	0.38													
	0.42													
	0.44	.	.	.	.		.	.		.	.	.	.	
	0.64													
	0.76					.		.				.	.	
	2.70													
3.00								.				.		
Stem Seal	4.00													
	FKM	.	.	.	.	.	.	.	.	.	.	.	.	.
	PTFE	.	.	.	.	.	.	.	.	.	.	.	.	.
	EPDM	.	.	.	.	.	.	.	.	.	.	.	.	.
	FFKM	.	.	.	.	.	.	.	.	.	.	.	.	.
Packings	NBR	.	.	.	.	.	.	.	.	.	.	.	.	.
	PTFE	.	.	.	.	.	.	.	.	.	.	.	.	.
Soft Seats	Grafoil®	.	.				.	.			.	.		
	Delrin®								.	.		.	.	
	PEEK								.	.		.	.	
Stem Tips	PCTFE								.	.		.	.	
	Rotating (316 stainless)	.	.			.	.	.	.	.	.	.	.	
	Delrin®			.	.	.	.	.	.	.	.	.	.	
	Non-rotating (316 stainless)	.	.			.	.	.	.	.	.	.	.	
	Ball (440C stainless)	.	.			.	.	.	.	.	.	.	.	
	Ball (carbide)	.	.			.	.	.	.	.	.	.	.	
	Ball (ceramic)	.	.			.	.	.	.	.	.	.	.	
	Ball (Monel)	.	.			.	.	.	.	.	.	.	.	
	Regulating hard	.	.			.	.	.	.	.	.	.	.	
	PTCFE			.	.					.		.	.	
Handles	PEEK			.	.					.		.	.	
	Regulating Delrin®			.	.					.		.	.	
	Regulating PCTFE			.	.					.		.	.	
	Regulating PEEK			.	.					.		.	.	
	1-13/16" Mini "T" - HL1	.	.	.	.	.	.	.	.	.	.	.	.	
	2-1/2" "T" - HL2	.	.	.	.	.	.	.	.	.	.	.	.	
	1" Round Knurled - HL3	.	.	.	.	.	.	.	.	.	.	.	.	
1-3/8" Phenolic - HL4	.	.	.	.	.	.	.	.	.	.	.	.		
1-3/4" Phenolic - HL5	.	.	.	.	.	.	.	.	.	.	.	.		
1-3/8" Mini "T" - HL7	.	.	.	.	.	.	.	.	.	.	.	.		
2-3/8" Phenolic - HL9	.	.	.	.	.	.	.	.	.	.	.	.		