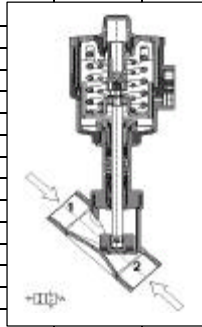


## Angle Valve Price & Quick\*\*\* Sizing Chart

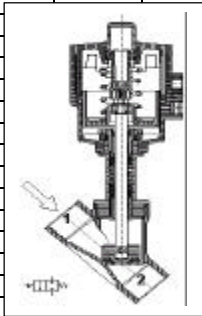
\*\*\*See Sizing Diagrams for additional selections and different actuator air pressures.

NC, Bi-Directional - Flow Direction ( 2 to 1 or 1 to 2 )								Sizing Information		
								Flow	Maximum Line Pressure**	
ARES, 316, NPT		Zeus, Bronze, NPT		ARES Tri-Clamp end				Cv	65 PSIG*	80 PSIG*
Size	Model No	Price (NPT)	Model No.	Price	Size***	Model No	Price			
3/8"	J4SPG1643	\$ 229	J9SPG1643	\$ 152	1/2" Cv=4	J4SPG16U4	\$ 276	5.7	140 PSIG	232 PSIG
1/2"	J4SPG1644	\$ 229	J9SPG1644	\$ 152	3/4" Cv=6.7	J4SPG16U5	\$ 281	6.5	140 PSIG	232 PSIG
3/4"	J4SPG1645	\$ 239	J9SPG1645	\$ 160	1" Cv=12	J4SPG18U6	\$ 375	12.1	80 PSIG	232 PSIG
3/4"	J4SPG1845	\$ 257	J9SPG1845	\$ 179	1" Cv=12	J4SPG18U6	\$ 375	12.1	150 PSIG	232 PSIG
1"	J4SPG1846	\$ 300	J9SPG1846	\$ 193			\$ -	23.4	80 PSIG	232 PSIG
1"	J4SPG2146	\$ 389	J9SPG2146	\$ 260	1 1/2" Cv=33	J4SPG21U8	\$ 676	23.4	175 PSIG	232 PSIG
1-1/4"	J4SPG2147	\$ 470	J9SPG2147	\$ 314			\$ -	33.3	110 PSIG	232 PSIG
1-1/2"	J4SPG2148	\$ 555	J9SPG2148	\$ 355			\$ -	53.8	55 PSIG	160 PSIG
1-1/2"	J4SPG2348	\$ 627	J9SPG2348	\$ 420	2" Cv=53	J4SPG23U9	\$ 847	53.8	95 PSIG	232 PSIG
2"	J4SPG2349	\$ 773	J9SPG2349	\$ 480			\$ -	78.3	65 PSIG	232 PSIG



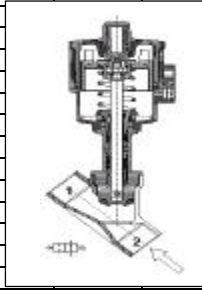
\* Air Supply to actuator  
\*\* Maximum Steam Line Pressure is 150 PSIG  
\*\*\* Size represents the Tri-Clamp equivalent fitting

NC, Flow from above the plug ( 1 to 2 )								Sizing Information		
								Flow	Maximum Line Pressure**	
ARES, 316, NPT		Zeus, Bronze, NPT		ARES Tri-Clamp end				Cv	60 PSIG*	80 PSIG*
Size	316 SS	Price (NPT)	Bronze	Price	Size***	Model No	Price			
3/8"	J4CPG1643	\$ 222	J9CPG1643	\$ 144	1/2" Cv=4	J4APG16U4	\$ 298	5.7	232 PSIG	232 PSIG
1/2"	J4CPG1644	\$ 222	J9CPG1644	\$ 144	3/4" Cv=6.7	J4APG16U5	\$ 304	6.5	232 PSIG	232 PSIG
3/4"	J4CPG1645	\$ 233	J9CPG1645	\$ 152	1" Cv=12	J4APG18U6	\$ 379	12.1	232 PSIG	232 PSIG
1"	J4CPG1846	\$ 289	J9CPG1846	\$ 166			\$ -	23.4	232 PSIG	232 PSIG
1-1/4"	J4CPG2147	\$ 429	J9CPG2147	\$ 282	1 1/2" Cv=33	J4APG18U8	\$ 628	33.3	232 PSIG	232 PSIG
1-1/2"	J4CPG2148	\$ 513	J9CPG2148	\$ 321			\$ -	53.8	232 PSIG	232 PSIG
1-1/2"	J4CPG2348	\$ 551	J9CPG2348	\$ 361	2" Cv=53	J4APG21U9	\$ 761	53.8	232 PSIG	232 PSIG
2"	J4CPG2149	\$ 659	J9CPG2149	\$ 383			\$ -	78.3	143 PSIG	232 PSIG
2"	J4CPG2349	\$ 696	J9CPG2349	\$ 416			\$ -	78.3	232 PSIG	232 PSIG



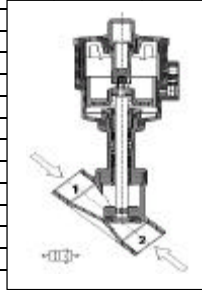
\* Air Supply to actuator  
\*\* Maximum Steam Line Pressure is 150 PSIG  
\*\*\* Size represents the Tri-Clamp equivalent fitting

NO, Flow from below the plug ( 2 to 1 )								Sizing Information		
								Flow	Maximum Line Pressure**	
ARES, 316, NPT		Zeus, Bronze, NPT		ARES Tri-Clamp end				Cv	60 PSIG*	80 PSIG*
Size	316SS	316SS	Bronze	Price	Size***	Model No	Price			
3/8"	J4APG1643	\$ 248	J9APG1643	\$ 161	1/2" Cv=4	J4APG16U4	\$ 298	5.7	232 PSIG	232 PSIG
1/2"	J4APG1644	\$ 248	J9APG1644	\$ 161	3/4" Cv=6.7	J4APG16U5	\$ 304	6.5	232 PSIG	232 PSIG
3/4"	J4APG1645	\$ 260	J9APG1645	\$ 169	1" Cv=12	J4APG18U6	\$ 379	12.1	170 PSIG	232 PSIG
1"	J4APG1846	\$ 322	J9APG1846	\$ 186			\$ -	23.4	170 PSIG	232 PSIG
1-1/4"	J4APG1847	\$ 382	J9APG1847	\$ 235	1 1/2" Cv=33	J4APG18U8	\$ 628	33.3	120 PSIG	200 PSIG
1-1/4"	J4APG2147	\$ 456	-				\$ -	33.3	232 PSIG	232 PSIG
1-1/2"	J4APG2148	\$ 513	J9APG2148	\$ 321	2" Cv=53	J4APG21U9	\$ 761	53.8	150 PSIG	232 PSIG
2"	J4APG2349	\$ 696	J9APG2349	\$ 416			\$ -	78.3	150 PSIG	232 PSIG



\* Air Supply to actuator  
\*\* Maximum Steam Line Pressure is 150 PSIG  
\*\*\* Size represents the Tri-Clamp equivalent fitting

DA, Bi-directional ( 2 to 1 or 1 to 2 )								Sizing Information		
								Flow	Maximum Line Pressure**	
ARES, 316, NPT		Zeus, Bronze, NPT		ARES Tri-Clamp end				Cv	60 PSIG*	80 PSIG*
Size	316SS	316SS	Bronze	Price	Size***	Model No	Price			
3/8"	J4DPG1643	\$ 244	J9DPG1643	\$ 164	1/2" Cv=4	J4APG16U4	\$ 298	5.7	232 PSIG	232 PSIG
1/2"	J4DPG1644	\$ 244	J9DPG1644	\$ 164	3/4" Cv=6.7	J4APG16U5	\$ 304	6.5	232 PSIG	232 PSIG
3/4"	J4DPG1645	\$ 257	J9DPG1645	\$ 174	1" Cv=12	J4APG18U6	\$ 379	12.1	232 PSIG	232 PSIG
1"	J4DPG1846	\$ 318	J9DPG1846	\$ 202			\$ -	23.4	232 PSIG	232 PSIG
1-1/4"	J4DPG1847	\$ 376	J9DPG1847	\$ 234	1 1/2" Cv=33	J4APG18U8	\$ 628	33.3	180 PSIG	232 PSIG
1-1/2"	J4DPG1848	\$ 458	J9DPG1848	\$ 288			\$ -	53.8	115 PSIG	170 PSIG
1-1/2"	J4DPG2148	\$ 572	J9DPG2148	\$ 305	2" Cv=53	J4APG21U9	\$ 761	53.8	232 PSIG	232 PSIG
2"	J4DPG2149	\$ 646	J9DPG2149	\$ 358			\$ -	78.3	232 PSIG	232 PSIG



\* Air Supply to actuator  
\*\* Maximum Steam Line Pressure is 150 PSIG  
\*\*\* Size represents the Tri-Clamp equivalent fitting

Accessories (Complete selection see Pneumatic accessory listing )				Limit Switches-weatherproof	
Solenoid Valves-		NO & NC Actuators	DA Actuators	Mechanical Switches (open&closed): M2 = \$130	
	Weatherproof	E3* = 71	C3* = \$98	Inductive Switches (open & closed): I2 = \$295	
	Explosion proof	E2* = \$100	C2* = \$148		