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Unions & Valves

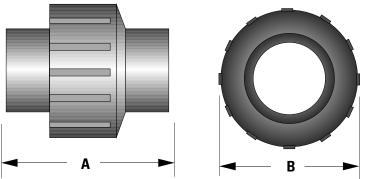
Submittal **Data Sheet**



Incorporated

1-800-348-9843





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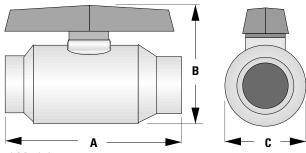
U0500S, U0500T
U0750S, U0750T
U1000S, U1000T
U1250S, U1250T
U1500S, U1500T
U2000S, U2000T
U3000S, U4000S

Model Code Nomenclature:

U	XXXX	χ	Indicates slip (S) or threaded (T)
			Indicates nominal diameter (in.)
L			Union

Unions are available in the sizes shown below. Composed of sch. 80 HI-IMPACT type II PVC per ASTM D-1785. O-rings composed of EPDM. 1/2" - 2" available in either slip or threaded connections; 3" & 4" available in slip only.

Dia. Size	Α	В	
(in.)	(in.)	(in.)	
1/2 (S)	2.20	2.07	
1/2 (T)	2.27	2.01	
3/4	2.38	2.51	
1	2.64	2.83	
1 1/4	2.88	3.10	
1 1/2	3.23	3.76	
2	3.63	4.07	
2 3 4	5.06	5.75	
4	5.88	7.13	



Standard Models:

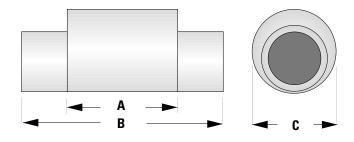
VLT0500S, VLT0500T, VLT0750S, VLT0750T, VLT1000S, VLT1000T VLT1250S. VLT1250T, VLT1500S, VLT1500T, VLT2000S, VLT2000T

Model Code Nomenclature:

VLT	XXXX	х —	Indicates slip (S) or threaded (T)
			Indicates nominal diameter (in.)
			Rall Valve

Ball Valves are available in the sizes shown below. Composed of sch. 40 HI-IMPACT PVC Type II per ASTM D-1785. O-rings composed of EPDM. Stem seal is pre-loaded for longer life. All sizes available in either slip or threaded connections.

Dia. Size	Α	В	С	
(in.)	(in.)	(in.)	(in.)	
1/2	3.22	2.57	1.60	
3/4	4.04	3.71	2.08	
1	4.38	3.56	2.33	
1 1/4	5.30	4.50	3.15	
1 1/2	5.30	4.50	3.15	
2	6.00	5.45	3.80	



Standard Models:

KSC1000S, KSC1000T, KSC1250S, KSC1250T, KSC1500S, KSC1500T, KSC2000S, KSC2000T, KSC3000S, KSC4000S Model Code Nomenclature:



Check Valves are available in the sizes shown below. Composed of sch. 40 HI-IMPACT PVC Type II per ASTM D-1785. Swing gate composed of EPDM. Only 1/2 lb. back pressure required for complete closure. All sizes available in either slip or threaded connections.

Dia. Size	Α	В	С	
<u>(in.)</u>	(in.)	(in.)	(in.)	
1/2	2.82	5.38	2.19	
3/4	2.82	5.38	2.19	
1	2.82	5.13	2.19	
1 1/4	3.54	6.31	2.81	
1 1/2	3.54	6.31	2.79	
2	3.88	6.63	3.40	
3	4.63	8.63	5.75	
4	5.62	9.75	6.50	

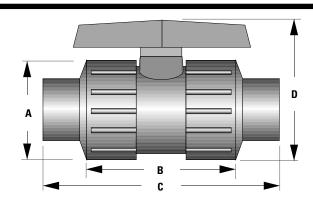
Unions & Valves

Submittal Data Sheet



Orenco Systems

1-800-348-9843



Standard Models:

Model Code Nomenclature:

VTU1000, VTU1250, VTU1500, VTU2000, VTU3000S, VTU3000T, VTU4000S, VTU4000T



Indicates slip (S) or threaded (T)
 Indicates nominal diameter (in.)
 True Union Ball Valve

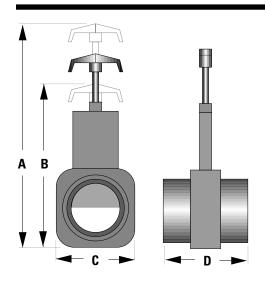
Dia. Size	Α	В	С	D	
(in.)	(in.)	(in.)	(in.)	(in.)	
1	2.87	2.97	5.19	4.47	
1 1/4	3.74	3.42	6.19	5.55	
1 1/2	3.74	3.42	6.19	5.55	
2	4.35	3.78	6.80	6.43	
2 3	6.89	6.63	10.03	8.56	
4	8 45	7 84	12.34	10 59	

True Union Ball Valves are available in

Composed of Sch. 80 PVC per ASTM D-1785. O-rings composed of EPDM. 1/2"-2" valves equipped with both slip and threaded fittings. 3" and 4" must be

the sizes shown below. The 1/2" - 2" models have HMW-HDPE ball seats; larger sizes have teflon seats.

specified as slip or thread.



Standard Models:

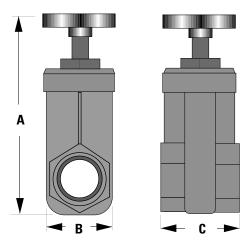
V6401, V6601, V6801

Model Code Nomenclature:

V 6 X 01
| Indicates nominal diameter (in.)
Low Press. Gate Valve

Low Pressure Gate Valves are available in the sizes shown below. Body composed of PVC per ASTM D-1784; paddle and shaft composed of stainless steel. Seals composed of Santopreme. Available in slip fit only. Maximum pressure = 15 psi.

Dia. Size	Α	В	С	D	
(in.)	(in.)	(in.)	(in.)	(in.)	
4	18.00	13.25	6.63	5.19	
6	31.13	22.38	11.00	11.13	
8	31.13	22.38	11.00	13.75	



Standard Models:

VG1000S, VG1000T, VG1250S, VG1250T, VG1500S, VG1500T, VG2000S, VG2000T

Model Code Nomenclature:

VG XXXXX

Indicates slip (S)
or threaded (T)
Indicates nominal
diameter (in.)
High Press. Gate Valve

High Pressure Gate Valves are available in the sizes shown below. Body and stem composed of Sch. 40 HI-IMPACT PVC type II per ASTM D-1785; paddle composed of polypropylene. Design incorporates non-rising stem. Available in slip or threaded fit. Maximum pressure = 150 psi.

Dia. Size	Α	В	С	
(in.)	(in.)	(in.)	(in.)	
1	5.50	1.75	2.88	
1 1/4	7.75	2.50	3.13	
1 1/2	7.75	2.50	3.25	
2	9.00	3.00	4.25	