

ANIX[®]

Trunnion Mounted Ball Valve



ANIX VALVE USA





Meticulous Manufacturing, Reputation First



Trunnion Mounted Ball Valve*

Válvula de Bola con Bridas Fijas

$\frac{3}{9} \frac{Q647F}{Y}$ -(16~320, 150LB~2500LB, 10K~40K)

Design & Manufacturing

Design Specs: API6D/BS 5351 /ISO 17292 GB/T 12237

Structure Length: API6D/ASMEB16.10/GB/T12221

Test and Inspection: API6D/API598/GB/T26480 GB/T13927/ISO5208

Especificaciones de Diseño: API6D/BS 5351 /ISO 17292 GB/T 12237

Longitud de la Estructura: API6D/ASMEB16.10/GB/T12221

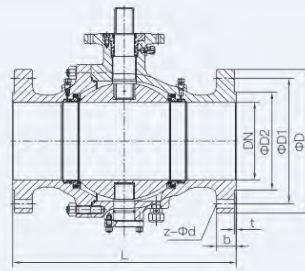
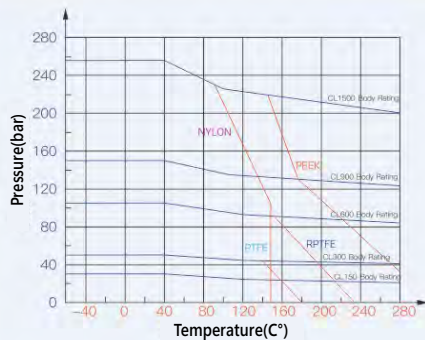
Pruebas e Inspección: API6D/API598/GB/T26480 GB/T13927/ISO5208

Specifications

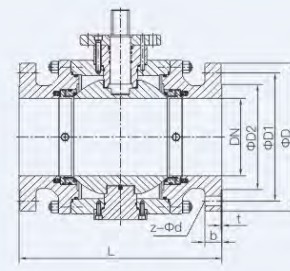
Nominal Pressure: (1.6~32)MPa, (150~2500)LB, (10~40)K
Shell Test: PT 1.5PN
High Pressure Seal test: PT 1.1PN
Gas Seal Test: 0.6 MPa

Presión Nominal: (1.6~32) MPa, (150~2500) LB, (10~40) K
Prueba del Cuerpo: PT 1.5PN
Prueba de Sellado a Alta Presión: PT 1.1PN
Prueba de Sellado con Gas: 0.6 MPa

*Note: This product is not an in-stock item and is made to order directly from our factory. The lead time for production and delivery is approximately 12 to 16 weeks.



2pc Ball Valve



3pc Ball Valve

Material	Body	Bonnet	Ball	Stem	Sealing Material		Spring	Gland Packing
					Soft Seal	Metal Seal		
Carbon Steel	A216 WCB/A105	A216 WCB/A105	A182 F304/F316/A105	A276 304/316/410	PTFE/ RPTFE/ PEEK/ Nylon	Ni60/ STL/ Tungsten Carbide/ Chromium Carbide	Inconel X-750/ 17-7PH	PTFE/ RPTFE/ Graphite
Stainless Steel CF8	A351 CF8	A351 CF8	A182 F304	A276 304				
Stainless Steel CF8M	A351 CF8M	A351 CF8M	A182 F316	A267 316				
Dual Phase Steel	A995 4A/5A	A995 4A/5A	2205/2507	2205/2507				
Ti	ZTA1/ZTA2/ZTA10	ZTA1/ZTA2/ZTA10	TA1/TA2/TA10/TC4	TA1/TA2/TA10/TC4				
Low Temperature Steel	A352 LCB	A352 LCB	A182 F304	A182 F304				
Chrome Molybdenum Steel	A217 WC6/WC9	A217 WC6/WC9	A182-F5	A564 630				

www.anixusa.com



sales@anixusa.com

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Trunnion Mounted Ball Valve

Dimensions and Connection Specifications

PN16

DN	L	D	D1	D2	b	f	n-Φd
80	241	200	160	138	20	2	8-Φ18
100	280/305	220	180	158	20	2	8-Φ18
125	356	250	210	188	22	2	8-Φ18
150	394	285	240	212	22	2	8-Φ22
200	457	340	295	268	24	2	12-Φ22
250	533	405	355	320	26	2	12-Φ26
300	610	460	410	378	28	2	12-Φ26
350	686	520	470	428	30	2	16-Φ26
400	762	580	525	490	32	2	16-Φ30
450	864	640	585	550	40	2	20-Φ30
500	914	715	650	610	44	2	20-Φ33
600	1067	840	770	725	54	2	20-Φ36
700	1245	910	840	795	42	2	24-Φ36
800	1372	1025	950	900	42	2	24-Φ39
900	1524	1125	1050	1000	44	2	28-Φ39
1000	1900	1255	1170	1115	46	2	28-Φ42

PN25

DN	L	D	D1	D2	b	f	n-Φd
80	241	200	160	138	24	2	8-Φ18
100	280/305	235	190	158	24	2	8-Φ22
125	356	270	220	188	26	2	8-Φ26
150	394	300	250	218	28	2	8-Φ26
200	457	360	310	278	30	2	12-Φ26
250	533	425	370	335	32	2	12-Φ30
300	610	485	430	395	34	2	16-Φ30
350	686	555	490	450	38	2	16-Φ33
400	762	620	550	505	40	2	16-Φ36
450	864	670	600	555	46	2	20-Φ36
500	914	730	660	615	48	2	20-Φ36
600	1067	845	770	720	58	2	20-Φ39
700	1245	960	875	820	50	2	24-Φ42
800	1372	1085	990	930	54	2	24-Φ48
900	1524	1185	1090	1030	58	2	28-Φ48
1000	1900	1320	1210	1140	62	2	28-Φ55

PN40

DN	L	D	D1	D2	b	f	n-Φd
80	241/310	200	160	138	24	2	8-Φ18
100	280/350	235	190	162	24	2	8-Φ22
125	356/381	270	220	188	26	2	8-Φ26
150	394/403	300	250	218	28	2	8-Φ26
200	502	375	320	285	34	2	12-Φ30
250	568	450	385	345	38	2	12-Φ33
300	648	515	450	410	42	2	16-Φ33
350	762	580	510	465	46	2	16-Φ36
400	838	660	585	535	50	2	16-Φ39
450	914	685	610	560	57	2	20-Φ39
500	991	755	670	615	57	2	20-Φ42
600	1143	890	795	735	72	2	20-Φ48

PN63

DN	L	D	D1	D2	b	f	n-Φd
80	356	215	170	138	28	2	8-Φ22
100	406	250	200	162	30	2	8-Φ26
125	432	295	240	188	34	2	8-Φ30
150	495	345	280	218	36	2	8-Φ33
200	597	415	345	285	42	2	12-Φ36
250	673	470	400	345	46	2	12-Φ36
300	762	530	460	410	52	2	16-Φ36
350	826	600	525	465	56	2	16-Φ39
400	902	670	585	535	60	2	16-Φ42

PN100

DN	L	D	D1	D2	b	f	n-Φd
80	356	230	180	138	36	2	8-Φ26
100	432	265	210	162	40	2	8-Φ30
125	508	315	250	188	40	2	8-Φ33
150	559	355	290	218	44	2	12Φ33
200	660	430	360	285	52	2	12-Φ36
250	787	505	430	345	60	2	12-Φ39
300	838	585	500	410	68	2	16-Φ42
350	889	655	560	465	74	2	16-Φ48
400	991	715	620	535	78	2	16-Φ48

PN160

DN	L	D	D1	D2	b	f	n-Φd
80	381	230	180	138	36	2	8-Φ26
100	457	265	210	162	40	2	8-Φ30
125	559	315	250	188	44	2	8-Φ33
150	610	355	290	218	50	2	12Φ33
200	737	430	360	285	60	2	12-Φ36
250	838	515	430	345	68	2	12-Φ42
300	965	585	500	410	78	2	16-Φ42

Trunnion Mounted Ball Valve

Dimensions and Connection Specifications

150 LB

DN	In	L	D	D1	D2	b	f	n-Φd
80	3"	203	190	152.4	127	19.5	2	4-Φ19
100	4"	229	230	190.5	157.2	24.3	2	8-Φ19
125	5"	356	255	215.9	185.7	24.3	2	8-Φ22
150	6"	394	280	241.3	215.9	25.9	2	8-Φ22
200	8"	457	345	298.5	269.9	29	2	8-Φ22
250	10"	533	405	362	323.8	30.6	2	12-Φ25
300	12"	610	485	431.8	381	32.2	2	12-Φ25
350	14"	686	535	476.3	412.8	35.4	2	12-Φ29
400	16"	762	595	539.8	469.9	37	2	16-Φ29
450	18"	864	635	577.9	533.4	40.1	2	16-Φ32
500	20"	914	700	635	584.2	43.3	2	20-Φ32
600	24"	1067	815	749.3	692.2	48.1	2	20-Φ35
700	28"	1245	925	863.6	800	71.9	2	28-Φ35
800	32"	1372	1060	977.9	914	81.4	2	28-Φ41
900	36"	1524	1170	1085.8	1022	90.9	2	32-Φ41
1000	40"	1900	1290	1200.2	1124	90.9	2	36-Φ41

300 LB

DN	In	L	D	D1	D2	b	f	n-Φd
80	3"	282	210	168.3	127	29	2	8-Φ22
100	4"	305	255	200	157.2	32.2	2	8-Φ22
125	5"	381	280	235	185.7	35.4	2	8-Φ22
150	6"	403	320	269.9	215.9	37	2	12-Φ22
200	8"	502	380	330.2	269.9	41.7	2	12-Φ25
250	10"	568	445	387.4	323.8	48.1	2	16-Φ29
300	12"	648	520	450.8	381	51.3	2	16-Φ32
350	14"	762	585	514.4	412.8	54.4	2	20-Φ32
400	16"	838	650	571.5	469.9	57.6	2	20-Φ35
450	18"	914	710	628.6	533.4	60.8	2	24-Φ35
500	20"	991	775	685.8	584.2	64	2	24-Φ35
600	24"	1143	915	812.8	692.2	70.3	2	24-Φ42

600 LB

DN	In	L	D	D1	D2	b	f	n-Φd
80	3"	356	210	168.3	127	38.8	7	8-Φ22
100	4"	432	275	215.9	157.2	45.1	7	8-Φ25
150	6"	559	355	292.1	215.9	54.7	7	12-Φ29
200	8"	660	420	349.2	269.9	62.6	7	12-Φ32
250	10"	787	510	431.8	323.8	70.5	7	16-Φ35
300	12"	838	560	489	381	73.7	7	20-Φ35
350	14"	889	605	527	412.8	76.9	7	20-Φ38
400	16"	991	685	603.2	469.9	83.2	7	20-Φ42
450	18"	1092	745	654	533.4	89.6	7	24-Φ44
500	20"	1194	815	723.9	584.2	95.9	7	24-Φ44
600	24"	1397	940	838.2	692.2	108.6	7	24-Φ51

900 LB

DN	In	L	D	D1	D2	b	f	n-Φd
80	3"	356	240	190.5	127	45.1	7	8-Φ25
100	4"	432	290	235	157.2	51.5	7	8-Φ32
150	6"	559	380	317.5	215.9	62.6	7	12-Φ32
200	8"	660	470	393.7	269.9	70.5	7	12-Φ38
250	10"	787	545	469.9	323.8	76.9	7	16-Φ38
300	12"	838	610	533.4	381	86.4	7	20-Φ38
350	14"	889	640	558.8	412.8	92.8	7	20-Φ42
400	16"	991	705	616	469.9	95.9	7	20-Φ45
450	18"	1092	785	685.8	533.4	108.6	7	20-Φ51
500	20"	1194	855	749.3	584.2	115	7	20-Φ54
600	24"	1397	1040	901.7	692.2	146.7	7	20-Φ67

Trunnion Mounted Ball Valve

Dimensions and Connection Specifications

10K

DN	L	D	D1	D2	b	f	n-Φd
80A	302	185	150	126	18	2	8-Φ19
100A	229	210	175	151	18	2	8-Φ19
125A	356	250	210	182	20	2	8-Φ23
150A	394	280	240	212	22	2	8-Φ23
200A	457	330	290	262	22	2	12-Φ23
250A	533	400	355	324	24	2	12-Φ25
300A	610	445	400	368	24	3	16-Φ25
350A	686	490	445	413	26	3	16-Φ25
400A	762	560	510	475	28	3	16-Φ27
450A	864	620	565	530	30	3	20-Φ27
500A	914	675	620	585	30	3	20-Φ27
600A	1067	795	730	690	32	3	24-Φ33
700A	1245	905	840	800	34	3	24-Φ33
800A	1372	1020	950	905	36	3	28-Φ33
900A	1524	1120	1050	1005	38	3	28-Φ33
1000A	1900	1235	1160	1110	40	3	28-Φ39

10K

DN	L	D	D1	D2	b	f	n-Φd
80A	283	200	160	132	22	2	8-Φ23
100A	305	225	185	160	24	2	8-Φ23
125A	381	270	225	195	26	2	8-Φ25
150A	403	305	260	230	28	2	12-Φ25
200A	502	350	305	275	30	2	12-Φ25
250A	568	430	380	345	34	2	12-Φ27
300A	648	480	430	395	36	3	16-Φ27
350A	762	540	480	440	40	3	16-Φ33
400A	838	605	540	495	46	3	16-Φ33
450A	914	675	605	560	48	3	20-Φ33
500A	991	730	660	615	50	3	20-Φ33
600A	1143	845	770	720	54	3	24-Φ39