

**CONSTRUCTION & DESIGN**

- Full or reduced bore
- Two or three pieces body
- Trunnion mounted ball
- Double stem seal
- Floating seats block & bleed
- Relief seats down stream
- Anti-static device
- Fire safe
- Blow-out proof stem

**TSB**  
Class 150-300-600



B A C V A L V E S

**STANDARDS**

- Design
- Flanges
- Face to face
- Top flange
- Testings
- Fire safe tested

- ANSI API 6D
- ASME B16.5 RF
- ASME B16.10 long pattern
- ISO 5211
- EN 12266/1
- API 607 4ed

**FEATURES**

- High performance double stuffing box and low emissions
- Versatil valve, RF, RTJ or BW
- Internal wetted parts are acc. NACE Standard MR0175
- Effective tight seal even at low differential pressures
- Easy operation at high pressures

**OPTIONS**

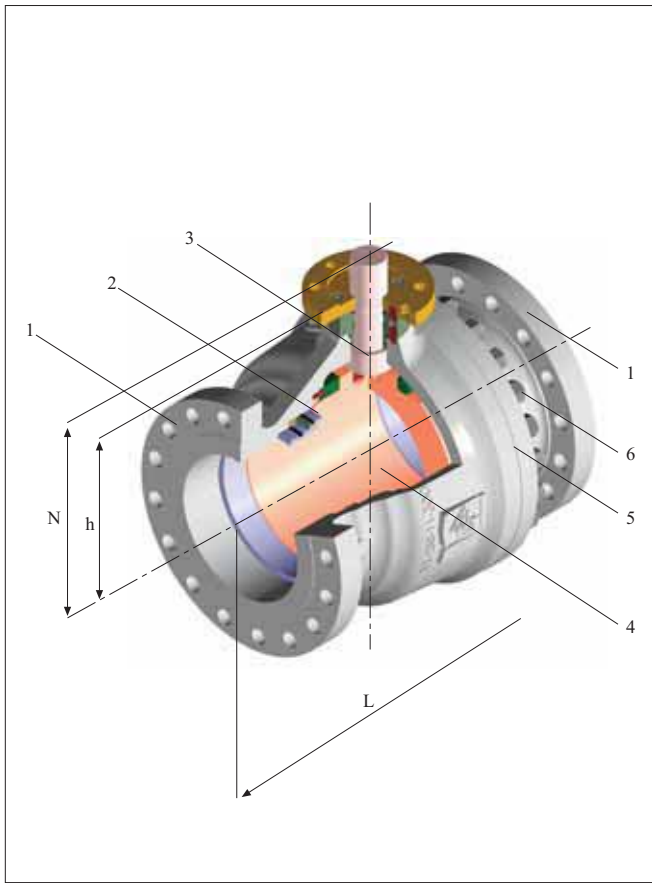
- Metal to metal tightness
- Cryogenic service
- Emergency grease fitting
- Double piston seats
- Class 900-1500
- DIN PN 10 - PN 64
- BW, Fully Welded
- RTJ Flanges
- DN 26" and larger, on request

ANSI B 16.5

**APPROVALS**

- Fire safe
- Clean air

Lloyd s Register  
T V S dwest (TA-Luft)



MATERIALS		SS	CS
1	Bodies	ASTM A-351 CF8M ASTM A-182 F316	ASTM A-216 WCC ASTM A-105 N
2	Seats	PA (DEVLON V-API)	
3	Stem	ASTM A-479 316	
4	Ball	ASTM A-351 CF8M	
5	Gaskets	GRAPHITE - FKM	
6	Bolt	SS 316 (A4-70)	ASTM-A-193 B7M

NPS	D	CLASS									CLASS			Cv	CLASS			CLASS		
		150	300	600	150	300	600	150	300	600	150	300	600		150	300	600	150	300	600
		L			N			h			ISO 5211				TORQUE (*)			WEIGHT		
		mm													Nm			Kg		
6"	152	394	403	559	265,5	286,5	286,5	220,5	238,5	238,5	F12	F14	F14	3767	414	783	1365	118	143	208
8"x6"	152	457	502	660	265,5	286,5	286,5	220,5	238,5	238,5	F12	F14	F14	3767	414	783	1365	171	230	264
8"	203	457	502	660	302,5	323,5	354,5	257,5	275,5	294,5	F12	F14	F16	7287	657	1327	2387	188	235	454
10"x8"	203	533	569	787	302,5	323,5	354,5	257,5	275,5	294,5	F12	F14	F16	7287	657	1327	2387	236	340	551
10"	254	533	569	787	353	384	418	305	324	346	F14	F16	F25	12137	1019	1974	3485	292	363	757
12"x10"	254	610	648	838	353	384	418	305	324	346	F14	F16	F25	12137	1019	1974	3485	450	562	850
12"	305	610	648	838	421	455	455	361	383	383	F16	F25	F25	18403	1614	2795	4661	454	575	1025
14"x12"	305	686	762	889	421	455	455	361	383	383	F16	F25	F25	18403	1614	2795	4661	642	885	1081,5
14"	337	686	762	889	446	480	543	386	408	445	F16	F25	F30	23073	2274	4105	6998	625	801	1438,5
16"x12"	305	762	838	991	421	455	455	361	383	383	F16	F25	F25	18403	1614	2795	4661	698	950	1242
16"	387	762	838	991	481,5	515,5	578,5	421,5	443,5	480,5	F16	F25	F30	31604	2965	5175	8667	856	1376	1952
18"x14"	337	864	914	1092	446	480	543	386	408	445	F16	F25	F30	31604	2274	4105	6998	892	1189	1845
18"	438	864	914	1092	555,5	618,5	673,5	483,5	520,5	553,5	F25	F30	F35	41858	4422	7723	12941	1620	2179	2860
20"x16"	387	914	991	1194	481,5	515,5	578,5	421,5	443,5	480,5	F16	F25	F30	41858	2965	5175	8667	1272	1609	2390
20"	489	914	991	1194	593	656	711	521	558	591	F25	F30	F35	53798	5019	9824	17419	2071	2729	3569
24"x 20"	489	1067	1143	1397	593	656	711	521	558	591	F25	F30	F35	53798	5019	9824	17419	2311	3131	4166
24"	591	1067	1143	1397	732,5	787,5	847,5	634,5	667,5	702,5	F30	F35	F40	82753	8526	18066	33145	3753	4505	5637

(\*) Normally expected torque, in clean conditions. For actuator sizing allow adequate safety factor.