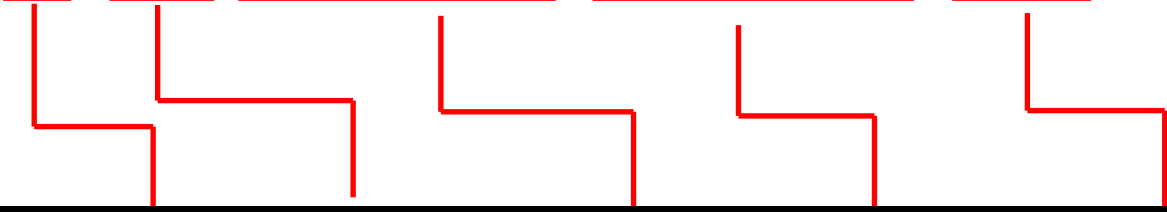




16" 150# RF FLANGED GATE VALVE, WCB



SIZE	PRESSURE	END CONNECTION	TYPE OF VALVE	BODY MATERIAL
see SIZE table	125#	RF FLANGED	GATE	A105
	150#	RTJ FLANGED	GLOBE	A126
	300#	FF FLANGED	SWING CHECK	SS316
	600#	THRD		SS304
	800#	SW	BALL	F5
	900#	THRD X SW	PLUG	F11
	1500#	BUTT WELD*		F22
	2500#	WAFER	BUTTERFLY	WCB
		LUG	DUO CHECK	LF2
		OTHER	GROOVED	ALLOY20
			OTHER	LCB / LCC
				OTHER

*indicate sch

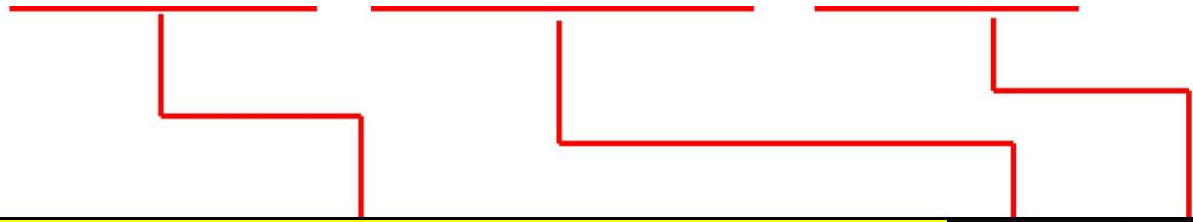
OTHER
 safety relief
 3way ball

see next page for trim

Common Body Materials	Abbreviations/ Translation (Spanish)
A105 (Forged Carbon Steel)	RF = RAISED FACE CARA REALZADA
A126 (Cast Iron)	FF = FLAT FACE CARA PLANA
A182 F316 (Forged 316 Stainless Steel)	RTJ = RING TYPE JOINT JUNTA DE ANILLO
A182 F304 (Forged 304 Stainless Steel)	THRD=THREADED (NPT) ROSCADA
A182 F5 (Forged Alloy Steel (5% Chrme, 1/2%Moly)	SW = SOCKET WELD SOLDABLE
A182 F11 (Forged Alloy Steel (1-1/4% Chrme, 1/2%Moly)	LUG OREJADA
A182 F22 (Forged Alloy Steel (2-1/4% Chrme, 1%Moly)	WAFER OBLEA
A182 F321 (Forged 321 Stainless Steel)	GROOVED RANURADA
A216 WCB (Cast Carbon steel)	BUTTWELD CONEXION SOLDAR
A296, M35 (Cast Ni-Cu) (Monel)	
A350, LF2 (Forged Low Temp Carbon Steel)	
A351 CF8 (Cast 304 Stainless Steel)	
A351 CF8M (Cast 316 Stainless Steel)	
A351, CN7M (Cast Alloy20)	
A352 LCB (Cast Low Temperature Carbon Steel)	
A395 (Cast Ductile Iron)	



TRIM: TRIM 5, NACE MR 0175, GEAR OP



TRIM MATERIAL						OTHER SPEC	OPERATOR
GATE GLOBE CHECK	API TRIM#	BONNET				NACE API6D API600 FIRESAFE VERTICAL CRYOGENIC other	HANDWHEEL LEVER BARE STEM GEAR HIDRAULIC* PNEUMATIC* OTHER
	see table below	BOLTED WELDED PRESSURE SEAL					
BALL PLUG	TYPE	PORT	BALL/PLUG	SEAT	SEAL		
	FLOATING TRUNNION	FULL PORT RED PORT (STD)	SAME AS BODY A105 + 0.003" ENP* SS316 MONEL 17-4PH Hastelloy	PTFE RPTFE NYLON PEEK	BUNA PTFE VITON SPECIAL DEVLON		
	LUBRICATED NON LUBRICATED			METAL TO METAL			
				* ENP = ELECTROLESS NIQUEL PLATED			
BUTTERFLY DUO CHECK			DISC	SEAT			
			ALUM BRZ SS316 IRON MONEL	BUNA-N PTFE RPTFE OTHER			
			METAL TO METAL				

PI 600 TRIM NUMBER TABLE	API TRIM#	Material	STEM	SEAT	DISC	Comments	
	TRIM 1	410	410 (13 Cr)	410 (13 Cr)	410 (13 Cr)	410	
	TRIM 2	304	304	304	304	304	
	TRIM 3	F310	310	310	310	310	
	TRIM 4	Hard 410	410 (13 Cr)	Hard 410	Hard 410	Hard 410	Seats 750BHN min
	TRIM 5	Hardfaced	410 (13 Cr)	HF (Stellite6)	HF (Stellite6)	HF (Stellite6)	Full Stellite
	TRIM 5a	Hardfaced	410 (13 Cr)	Ni-Cr	Ni-Cr	Ni-Cr	
	TRIM 6	410 and Cu-Ni	410 (13 Cr)	Cu-Ni	Cu-Ni	Cu-Ni	
	TRIM 7	410 and Hard 410	410 (13 Cr)	Hard 410	Hard 410	Hard 410	Seats 750BHN min
	TRIM 8	410 and Hardfaced	410 (13 Cr)	HF (Stellite6)	410	410	Half Stellite
	TRIM 8a	410 and Hardfaced	410 (13 Cr)	Ni-Cr	410	410	
	TRIM 9	Monel	Monel (Ni-Cu)	Monel (Ni-Cu)	Monel (Ni-Cu)	Monel (Ni-Cu)	Monel
	TRIM 10	316	SS316	SS316	SS316	SS316	316
	TRIM 11	Monel and Hardfaced	Monel (Ni-Cu)	HF (Stellite6)	HF (Stellite6)	Monel (Ni-Cu)	Monel+HF
	TRIM 12	316 and Hardfaced	SS316	HF (Stellite6)	HF (Stellite6)	SS316	SS316+HF
	TRIM 13	Alloy 20	Alloy 20	Alloy 20	Alloy 20	Alloy 20	
	TRIM 14	Alloy 20 and Hardfaced	Alloy 20	HF (Stellite6)	Alloy 20	Alloy 20	
	TRIM 15	304 and Hardfaced	SS304	HF (Stellite6)	HF (Stellite6)	HF (Stellite6)	
	TRIM 16	316 and Hardfaced	SS316	HF (Stellite6)	HF (Stellite6)	HF (Stellite6)	
TRIM 17	347 and Hardfaced	SS347	HF (Stellite6)	HF (Stellite6)	HF (Stellite6)		
TRIM 18	Alloy 20 and Hardfaced	Alloy 20	HF (Stellite6)	HF (Stellite6)	HF (Stellite6)		