



Piping and valve specification	Doc.no. TR2000	Sec.no. 4	TR2000			
Valve data sheet: GT04TR	Area Non-regional	Rev.no. B	Rev.date 22.04.2003	Status: O	Page: 1	Of: 1

VALVETYPE : GATE
 CODE : API 602
 SIZE RANGE : 0.5" - 2"
 RATING : CLASS 150

	Maximum design pressure :	Barg	19.0	19.0	18.4	16.2	14.8	13.7	12.1	10.2	8.4	6.5		
	At temperature :	°C	-101	38	50	100	150	200	250	300	350	400		

PORT DESIGN : Bore according to threaded end
 END : One end: Flanged to ANSI B16.5 , RF
 CONNECTION : Size according to "SIZE RANGE" above
 : Other end: Screwed to ANSI B1.20.1 (Female)
 : 0.5", 3/4" or 1" as ordered.
 END TO END DIM : Manufacturer Standard
 HOUSING : Bolted bonnet with backseat
 DESIGN
 TRIM DESIGN : Gate: Solid wedge
 STEM SEAL : Packed gland, Outside screw and yoke, Rising stem
 DESIGN
 MATERIALS

	ITEM	SUBITEM	MATERIAL	MDS	ESK
Δ	HOUSING	Body and bonnet	A182 F316	S05	--A
	INSIDE TRIM	Stem	AISI 316		
		Wedge and Seats	Hardfacing on:		--E
			AISI 316		
	SEALS	Stem packing	Expanded graphite not less than 98% purity.		
	OUTSIDE TRIM	Bolting	A320 B8M		
			A194 8M		
		Handwheel	AISI 316/304		
	SPECIAL MAT.REQ'M.	Wetted parts suitable for sour service to NACE MR-01-75			

MISCELLANEOUS REQUIREMENTS

ITEM	VSK	DESCRIPTION
	Reference	

	GENERAL	V 046	
Δ	TESTING	V 055	
	MARKING	V 003	
	OPERATOR	V 009	
	PROJECT REQ'M.		(Surface protection, Preservation, etc. to be specified in separate project document)
	LOW TEMP. APPL.	V 408	