

Owner	Hydro	Doc. No.	NHT-P54-04985	Rev.	03M	Rev. Date	2000-03-15	Valve Data Sheet	GTAS10R
Normal Owner	Norsok	Normal Owner's rev.		3	NHS-M no.	142.862	Rev. Status	Approved	

Note: Norsok's specifications are printed with ~~strike through~~ when different from Hydro's.

Valve Type	End to end Standard	End type		End Standard		Size (in)		Notes
		1	2			From	To	
GATE VALVE WEDGE	ASME B16.10	RF	RF	ASME B16.5		2	24	
GATE VALVE WEDGE	ASME B16.10	RF	RF	MSS SP-44		30	36	

Main Item	Standard	Notes
Pressure Rating	CL 150	
Design Code	API 600	135
Fire Test		
General Requirement	VSK V402	
Leak Test	VSK V101	
Marking	VSK V003	
Operator	VSK V014	
Low Temp. Appl.	VSK V408	

Max 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	Deg. C	-101	38	50	100	150	200	250	300	350	400

ND (inch)	2	2.5	3	4	5	6	8	10	12	14	16	18	20	22	24
Detail no.	09	10	11	12	13	14	16	18	19	20	21	22	23	24	25

ND (inch)	30	32	34	36
Detail no.	28	29	30	31

Subject/Item	Design and Material Requirement	Material	MDS	EDS
BODY/BONNET	Bolted bonnet	ASTM A351 CF8M A182 F316	S02 S01	
INSIDE TRIM				
PORT				
STEM	Rising stem. Outside screw and yoke; Material according to EDS			NTR2
CLOSURE MEMBER	Gate: Flexible wedge; Material according to EDS			NHF1, NTR2
SEATS	Renewable; Material according to EDS			NHF1, NTR2
SEALS	Packed gland			
STEM PACKING	Expanded graphite not less than 98% purity			
OUTSIDE TRIM				
BOLTING	Material according to EDS			NBO2
HANDWHEEL		AISI 316 AISI 304		
SPECIAL REQUIREMENTS	Wetted parts suitable for sour service to NACE MR0175			

Notes:

135 SIZES >24" SHALL COMPLY TO ASME B16.34 AND ALL REQUIREMENTS IN API 600 WHICH ARE NOT SIZE DEPENDENT.