



SR. NO.	PART NAME	MATERIAL SPECIFICATION	QTY.
01	BODY	CS ASTM A216 Gr.WCB.	01
02	BONNET	CS ASTM A216 Gr.WCB.	01
03	WEDGE	CS ASTM A216 Gr.WCB. + 13% Cr. HARD FACING	01
04	SEAT RING(SEAL WELD.)	CS ASTM A515 Gr.70 + 13% Cr. HARD FACING	02
05	SPINDLE	SS AISI 410	01
06	BACK SEAT BUSH	SS AISI 410	01
07	GLAND BUSH	SS AISI 410	01
08	GLAND FLANGE	CARBON STEEL	01
09	GLAND PACKING	GRAPHOIL	-
10	GASKET	SPIRAL WOUND SS304 + GRAPHOIL	01
11	YOKE SLEEVE	SG IRON	01
12	HAND WHEEL	SG IRON	01
	NUT	CARBON STEEL ASTM A194 Gr. 2H	SET
	BOLT	ALLOY STEEL ASTM A193 Gr. B7	SET

NOTE :

- 1) ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED.
- 2) FLANGE DRILLING IS AS PER ANSI B 16.5, CL-300 RAISED FACE.
- 3) VALVE TESTING AS PER API 598.

HYDRO TEST : CL-300#			
	BODY	SEAT	
PRESSURE(Kg/cm ²)	79	57.4	
DURATION(Min.)	50-150mm	01	01
	200mm	02	02

SR. NO	VALVE SIZE	PRESS. RTG.	QTY NDS	A	B	Ø C	D-PCD.	Ø E	Ø F	G-NDS	Ø H	Ø W	J (APPRDX)	K (APPRDX)
	200	#300		419	41.2	203	330.2	381.0	269.7	12	25.4	450	880	1100
	150	#300		403	36.5	152	269.7	317.5	215.9	12	22.3	300	705	870
	125	#300		381	35	127	235.0	279.4	185.5	8	22.3	300	670	820
	100	#300		305	32	102	200.1	254.0	157.1	8	22.3	250	485	607
	80	#300		283	28	80	168.1	209.5	127.0	8	22.3	250	440	528
	65	#300		241.3	25.4	65	149.3	191.0	104.8	8	22.3	250	390	465
	50	#300		216	22	52	127.0	165.1	92.0	8	19.0	200	373	430
	40	#300		190.5	20.6	38	114.3	155.5	73.0	4	22.3	200	320	370

REV. NO.	DESCRIPTION OF REVISION	SIGN/DATE
	VALVE TYPE CAST STEEL GATE VALVE GENERALLY AS PER API 600, CLASS 300#	
	DESCRIPTION GENERAL ARRANGEMENT & CROSS SECTIONAL DRAWING	
	O/A No.	
	CLIENT	
	END USER	
	PROJECT	
DRN BY	G.S.G.	CHKD. BY
DATE	20.07.11	DATE
		D.D.G.
		APPD. BY
		DATE
		C.S.W.
		DATE
KIRLOSKAR BROTHERS LIMITED.		DRG. NO.
KONDHAPURI (PUNE)		TC 2G5.SD.0001.0