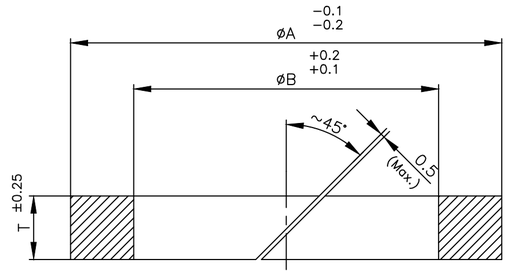
DRAWING NO. 2-V-0000-07892

ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP / QP



SL. NO.	Drawing Number	Component Code	ØA	ØB	T	WT (gm)	REMARKS
1	2-V-5903-07892/04	964569270000	15.83	9.53	5.60	1.50	GV-(1/4" To 3/4") -800
2	2-V-2230-07892/02	964650860000	16.00	8.00	4.00	2.00	3mm Pr. GAUGE VALVE
3	2-V-5713-07892/04	964569280000	17.40	11.10	4.80	1.50	SV-(1/4" To 3/4") -800 & BDV-1"-800
4	2-V-5904-07892/04	964569290000	19.00	11.10	6.40	2.60	GV-1"- 800
5	2-V-5714-07892/04	964569300000	19.00	12.70	6.40	2.20	SV-1"- 800
6	2-V-Y042-07892/02	964652250000	20.50	14.50	4.50	2.00	1/2",3/4"-C1500&C2500-Y TYPE
7	2-V-5906-07892/04	964569310000	23.75	14.28	4.80	3.00	SV/GV-(1.1/4" & 1.1/2") - 800
8	2-V-Y043-07892/02	964652260000	25.30	16.10	5.00	2.00	1"-C1500&C2500-Y TYPE
9	2-V-5907-07892/04	964569320000	25.35	15.88	4.80	3.20	SV/GV- 2" - 800
10	2-V-5732-07892/04	964569230000	32.40	14.45	6.40	7.00	SV/(1/4" To 1/2") -1500/2500
11	2-V-N081-07892/04	964568970000	32.50	19.10	6.00	5.00	2"150C,2"300C GV
12	2-V-5620-07892/04	964569330000	34.00	17.40	7.90	9.00	BDV- 1"-1500
13	2-V-N049-07892/04	964568990000	35.70	22.20	6.00	5.50	3"300C GV
14	2-V-N025-07892/04	964568980000	35.70	22.20	7.00	6.00	3"150C GV
15	2-V-Y045-07892/02	964652270000	38.00	25.55	6.40	6.00	1.1/2"-C1500&C2500-Y Type
16	2-V-N097-07892/04	964569010000	38.90	25.40	7.00	7.20	4"300C GV
17	2-V-N033-07892/04	964569000000	38.90	25.40	8.00	8.20	4"150C GV
18	2-V-V209-07892/03	964534640000	39.00	26.00	6.50	12.10	2-1/2"/2500 GV
19	2-V-2477-07892/04	964569090000	40.00	24.00	8.16	15.00	2"300C GLV
20	2-V-5734-07892/04	964569240000	41.17	17.40	11.90	21.00	SV/(3/4" & 1") -1500/2500
21	2-V-Y017-07892/02	964652280000	41.18	28.75	6.40	6.00	2" - C1500 & C2500 - Y Type
22	2-V-SHJA-07892/01	966000200000	42.23	22.23	10.00	13	1.5" - C3000spl
23	2-V-2478-07892/04	964569100000	44.00	28.00	8.16	16.00	3",4"300C GLV,3"600C GV
24	2-V-5990-07892/02	964650810000	44.50	31.80	6.40	8.10	IGV-2.1/2"-C3000 & Y047
25	2-V-N001-07892/04	964569020000	45.20	28.60	7.00	10.10	6"150C GV
26	2-V-0S30-07892/04	964534080000	46.00	30.00	8.00	12.70	2-1/2"/C1500,C2500 GNV
27	2-V-5610-07892/04	964569260000	46.70	27.15	9.50	17.50	BDV-1.1/2"-1500
28	2-V-SIJA-07892/01	966000110000	47.50	27.00	10.25	15	2" - C3000spl
29	2-V-0030-07892/04	964533830000	48.00	30.00	9.00	16.50	2-1/2"C1500,C2500 GV
30	2-V-V241-07892/03	964534650000	48.00	32.00	8.00	22.60	4"/2500 GV
31	2-V-N009-07892/04	964569030000	48.40	31.80	10.00	15.80	8"150C GV
32	2-V-N017-07892/04	964569040000	48.40	31.80	8.00	12.70	6"300C GV,4"900C GV
33	2-V-0032-07892/04	964533840000	50.00	32.00	9.00	17.40	3"/C1500,C2500 GV,2 -1/2"/C1500 GLV
34	2-V-B003-07892/04	964569220000	50.00	32.00	9.20	30.00	4"-600C GV
35	2-V-N089-07892/04	964569060000	51.60	34.90	8.00	13.70	8"300C GV
36	2-V-N057-07892/04	964569050000	51.60	34.90	10.00	17.00	10"150C GV
37	2-V-2480-07892/04	964569110000	52.00	36.00	8.16	20.00	6"300C GLV
38	2-V-0034-07892/04	964533850000	54.00	34.00	10.00	23.00	3"/C1500,2-1/2"/C2500,C3500 GLV
39	2-V-5737-07892/04	964569250000	55.40	27.15	13.50	40.00	SV/(1.1/4" To 2") -1500/2500
40	2-V-V081-07892/03	964534660000	55.00	36.00	9.50	36.30	6"/1500 GV , 5"/2500 GV
41	2-V-0036-07892/04	964533860000	56.00	36.00	10.00	24.00	4"/C1500,C2500,C2750,3"/C3500 GV
42	2-V-0S38-07892/04	964534090000	57.00	38.00	9.50	22.39	3"/C3500GNV
43	2-V-N041-07892/04	964569070000	57.90	38.10	12.00	27.00	12"150C GV
44	2-V-0040-07892/04	964533880000	59.00	40.00	9.50	23.40	4"/C2500 GNV,6"-C600 GV
45	2-V-0038-07892/04	964533870000	60.00	38.00	11.00	31.00	5"/C1500,C2500 GV,3"/C2500 GLV
46	2-V-C607-07892/04	964569360000	60.00	40.00	10.20	21.30	6"/900C GV,GVN
47	2-V-N065-07892/04	964569080000	61.10	41.30	9.00	22.00	10"300C,12"300C,14" -150C GV
48	2-V-2670-07892/04	964569120000	64.00	44.00	10.20	12.00	8"300C GLV,8"900C GV
49	2-V-N350-07892/04	964569130000	64.30	44.50	10.00	22.00	16"-150C, 14"-300C GV
50	2-V-0S46-07892/04	964534100000	65.00	46.00	9.50	26.16	5"/C1500 GNV
51	2-V-0042-07892/04	964533890000	66.00	42.00	12.00	40.70	4"/C1500,C2500 GLV
52	2-V-V129-07892/03	964534670000	67.00	48.00	9.50	45.90	10"/1500 GV, 8"/2500 GV
53	2-V-N436-07892/04	964569160000	67.50	47.60	10.00	60.00	16"-300C GV,10"600C-GV
54	2-V-0044-07892/04	964533900000	68.00	44.00	12.00	42.20	6"/C1500,C2500,C2750,C3500 GV,8"-C600 GV
55	2-V-C564-07892/04	964569350000	68.00	48.00	10.00	28.20	10"/900C GV
56	2-V-0046-07892/04	964533910000	72.00	46.00	13.00	52.20	
57	2-V-N224-07892/04	964569140000	73.80	50.80	12.00	41.00	20"-150C GV,12"-600C-GV
58	2-V-0048-07892/04	964533920000	74.00	48.00	13.00	54.00	8"/C1500 GV,10"-C600 GV
59	2-V-5962-07892/02	964650820000	76.20	31.50	22.20	140.00	Y-TYPE 2.1/2"-C2500
60	2-V-N437-07892/04	964569170000	77.00	54.00	11.00	80.00	20"-300C GV
61	2-V-0050-07892/04	964533930000	78.00	50.00	14.00	65.60	
62	2-V-P366-07892/03	964651880000	79.00	55.00	12.00	36.00	10"-C300-SV/RV
63	2-V-0052-07892/04	964533940000	80.00	52.00	14.00	67.60	8"/C2500,C2750 GV,12"-C600 GV
64	2-V-0S55-07892/04	964534110000	81.00	55.00	13.00	69.40	6/C3500 GLV,GNV
65	2-V-N361-07892/04	964569150000	83.30	57.20	13.00	48.00	24"-150C GV
66	2-V-0055-07892/04	964533950000	85.00	55.00	15.00	82.40	6"/C2500,C2750 GLV
67	2-V-NE96-07892/02	964652710000	86.50	60.325	14.00	90.00	22" - C300 - GV
68	2-V-P560-07892/02	964654130000	87.00	62.00	12.50	60.90	12" - C300 - RV
69	2-V-V161-07892/03	964534680000	88.00	62.00	13.00	112.00	14"/1500 GV, 12"/2500 GV
70	2-V-0058-07892/04	964533960000	90.00	58.00	16.00	99.00	10"/C1500 GV
71	2-V-0060-07892/04	964533970000	92.00	60.00	16.00	101.70	10"/C2500 GV
72	2-V-0062-07892/04	964533980000	94.00	62.00	16.00	104.40	12"/C1500 GV
73	2-V-NH51-07892/02	964654850000	96.00	70.00	12.70	60.00	16" - C300 - RV
74	2-V-V177-07892/03	964534690000	96.00	70.00	13.00	123.00	16"/1500 GV, 14"/3500 GV
75	2-V-0065-07892/04	964533990000	97.00	65.00	16.00	108.40	14"/C1500 GV
76	2-V-0070-07892/04	964534000000	102.00	70.00	16.00	115.10	12"/C2500 GV
77	2-V-N147-07892/02	964651770000	105.60	76.20	14.30	108.00	32" - C150
78	2-V-NH52-07892/02	964654950000	106.00	75.00	14.30	90.00	16" - C600 - RV
79	2-V-0075-07892/04	964534010000	107.00	75.00	16.00	121.80	16"/C1500, 14"/C2000 GV
80	2-V-C538-07892/02	964651810000	108.00	79.30	14.30	108.00	20" - C900
81	2-V-0080-07892/04	964534020000	112.00	80.00	16.00	128.50	18"/C1500,14"/C2500 GV,14"/C3500 GV
82	2-V-0090-07892/04	964534030000	122.00	90.00	16.00	141.80	20"/C1500, 18"/C2000, 16"/C2500 GV
83	2-V-NH99-07892/01	964656340000	121.40	82.60	19.00	212.50	36" - C150 GV
84	2-V-0100-07892/04	964534040000	132.00	100.00	16.00	155.30	20"/C2750 GV, 12"/C2000 ELB
85	2-V-0S10-07892/04	964534070000	140.00	100.00	20.00	250.90	18"/C2500 GV
86	2-V-0110-07892/04	964534050000	142.00	110.00	16.00	168.60	14"/C2500 SDNR
87	2-V-0120-07892/04	964534060000	158.00	120.00	19.00	262.40	16"/C2500 GNV

NOTE :

1. Each ring shall be made of expanded graphite and supplied in braided form.
2. Compressed rings with Zinc dust corrosion inhibitor, to be compressed to a density of 1.35 to 1.45 gm/cm^3 (85 to 95 lbs/ft^3)
3. Packing shall be provided with a powdered zinc active corrosion–inhibiting treatement (2% Zn. by weight, minimum)
4. Leachable chloride – 50 ppm max.
5. Sulphur compounds (expressed as "S") = 100 ppm max.
6. Packings shall withstand the service conditions of
   6.1. Pressure – 615.0 kg/cm^2 max. &
   6.2. Temperature – 610°C max.

PACKING INSTRUCTION:

1. Packing rings shall be packed in polyethylene sheets, properly rolled and shall not open out during transport & storing.
2. Each pack shall contain printed/written letters listing the Drawing no., Code no., Dimension as indicated in Table and Suppliers name.
3. Drawing no., Code no. shall be readable and visible under packed condition.

REV	DATE	ALTERED	DRS
18	07.07.16	CHD & APPD	DRS & KRS
ZONE	Notes Updated DCP : 802141		

REV	DATE	ALTERED	DRS
17	24.06.16	CHD & APPD	DRS & KRS
ZONE	Table arranged in ascending order of dimensions. Two rows (SIJA & SHJA) included.		

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.

No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No
–	–	–	–	–	–	–	–	–	–

TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

BHARAT HEAVY ELECTRICALS LTD.,
UNIT: HIGH PRESSURE BOILER PLANT.
TIRUCHIRAPALLI-620014.
365-120

	NAME	SIGN	DATE	NO.OF VAR.
DRN	M.SRINIVASAN		11.07.06	
CHD	K.S.RAMAN		11.07.06	
APPD	K.S.RAMAN		11.07.06	

DEPT	SCALE	WEIGHT (KG).	REFERENCE INFORMATIONS	NO. OF ITEMS
V L	NTS	REF. TABLE	CAD: F207892	
CODE 320				

TITLE	CARD CODE	DRAWING NO.	REV
PACKING RING (BULL RING)	U 01	2-V-0000-07892	18

Size A2