

	BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL VALVES PLANT 433, INDUSTRIAL COMPLEX GOINDWAL SAHIB DISTT. TARN TARAN- PUNJAB – 143422	No.BHEL:IVP: SC: JOB-WORK M/C:AD 2024-25/01 Dated 20.06.2024
NOTICE INVITING APPLICATIONS FOR REGISTRATION OF SUB CONTRACTORS		
BHARAT HEAVY ELECTRICALS LIMITED [BHEL] is manufacturing Industrial Valves and other Boiler accessories at its Industrial Valves Plant, Goindwal Sahib unit. For the year FY2024-25 we have to manufacture 1775 MT. Vendors are required for Job work as per the enclosed list of items having annual procurement value ~ Rs. 60 Lakh.		
Expression of interest and applications for registration are invited from sub-contractors (BHEL encourages procurement from Micro and Small Enterprises (MSEs), MSEs are requested to apply for registration) for doing the machining job of various components of Conventional Valves/TOA Valves/Isolating Valves/Wall blowers. Various work centers involved in the machining jobs shall be VTL, Horizontal Boring, Turning Centre, Milling, CNC, Conventional Lathe, Drill machine etc. Machining of Items for which vendors required immediately are:		
HM/LM Valves/TOA Valves/Isolating Valves/Wall Blowers	Casting Machining of Body, Yoke, Bonnet, Disc, other machining components for valves & Wall Blowers. List of components, where machining vendors are required, is attached herewith as Annexure-I. Sample drawings of some components are also attached. (refer SL. No. of list – 202, 836, 911, 794, 618, 609 and 735)	
Chrome plating, nickel plating, cadmium plating, phosphating, nitriding/tuffriding, heat treatment etc. may also be required on certain components post machining (refer Annexure-II)		
BHEL is looking for prospective Sub Contractors for above job work.		
BHEL shall evaluate the vendors as per its established vendor selection, evaluation and registration procedure. Supplier Registration can be done online https://supplier.bhel.in/		
BHEL invites such vendors to visit its above located plant on any working day from Monday to Saturday between 0900 Hrs to 1730 Hrs and contact undersigned for any clarification regarding:		
Items details and requirement	Vendor registration form/procedure	
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BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL VALVES PLANT, 433, INDUSTRIAL COMPLEX, GOINDWAL SAHIB, DISTT. TARN TARAN, PUNJAB – 143 422		

S.No	Gr. No	Job/Component Description	Description of Valve/ Product (Used in)
1	G5a	Body Machining	10-C300-FV BW CF8M /CF8
2	G10a	Body Machining	10-C300-GV BW WCB/WCC/WC6/WC9
3	G17a	Body Machining	12-C150-GV-FL WCB/WCC
4	G18a	Body Machining	12-C150-GV-BW WCB/WCC
5	G18c	Body Machining	12-C150-GV-BW WCB/WCC/NC
6	G18d	Body Machining	12-C150-GV-BW CF8M-NC
7	G18e	Body Machining	12-C150-GV-BW-HO-CD3MN
8	G25a	Body Machining	12-C300-GV-FL WCB/WCC
9	G25c	Body Machining	12-C300-GV-FL-WCB-NC
10	G26a	Body Machining	12-C300-GV-BW WCB/WCC
11	G26c	Body Machining	12-C300-GV-BW WCB/WCC/WC9 NC87
12	G32a	Body Machining	14-C300-GV-FL WCB/WCC/WC9
13	G33a	Body Machining	14-C300-GV-BW WCB/WCC/WC9
14	G33c	Body Machining	14-C300-GV-BW-MO-C12A
15	G35a	Body Machining	16-C150-GV-FL-WCB/WCC/WC6/WC9
16	G36a	Body Machining	16-C150-GV-BW-WCB/WCC
17	G39a	Body Machining	16-C300-GV-FL-WCB/WCC
18	G41a	Body Machining	18-C150-GV-FL WCB/WCC
19	G42a	Body Machining	18-C150-GV-BW WCB/WCC
20	G45	Body Machining	2-1/2-C300-FV-BW-WCB/WCC (Rough)
21	G47	Body Machining	2-1/2-C300-GV-BW-CF8M/CF8
22	G49	Body Machining Final	2-1/2-C300-GV- BW- WCB/WCC
23	G50	Body Rough	2-1/2-C300-GV- BW-WCB/WCC
24	G51	Body Machining	2-C150-FV-BW-CF8M/CF8
25	G1099	LOCK HOOK-N206	10-C150-GV-BW-HW-WCB
26	G53	Body Machining	2-C150-FV-BW-WCB/WCC
27	G54	Body Machining	2-C150-FV-FL-WCB/WCC
28	G55	Body Machining	2-C150-GV-BW-CF8/CF8M
29	G56	Body Machining	2-C150-GV-FL-CF8/CF8M
30	G58	Body Machining	2-C150-GV-BW-WCB/WCC/WC6/WC9
31	G60	Body Machining	2-C150-GV-FL-WCB/WCC
32	G62	Body Machining	2-C300-FV-FL-CF8/CF8M
33	G63	Body Machining	2-C300-FV-FL-WCB/WCC/WC6/WC9
34	G66	Body Machining	2-C300-GV-BW-CF8/CF8M
35	G67	Body Machining	2-C300-GV-FL-CF8M/CF8
36	G70	Body Machining	2-C300-GV-BW-WCB/WCC/WC6/WC9
37	G71	Body Machining	2-C300-GV-FL-WCB/WCC/WC6/WC9
38	G80	Body Machining	2-C600-GV-FL-CF8M/CF8
39	G83	Body Machining	2-C600-GV-FL-WCB/WCC/WC6/WC9
40	G1104	LOCK HOOK-N201	2-C150-GV-FL-HW-CF8

List of Components

Annexure-1

41	G96a	Body Machining	3-C150-GV-FL-HO-CD3MN
42	G99	Body Machining	3-C300-FV-BW-CF8M/CF8
43	G100	Body Machining	3-C300-FV-FL-CF8M/CF8
44	G103	Body Machining	3-C300-FV-FL-WCB/WCC
45	G104	Body Machining	3-C300-GV-BW-CF8M/CF8
46	G105	Body Machining	3-C300-GV-FL-CF8M/CF8
47	G110	Body Machining	3-C300-GV-BW-WCB/WCC/WC6/WC9
48	G1105	LOCK HOOK-N204	2-C600-GV-FL-HW-WCB
49	G121	Body Machining	3-C600-GV-BW-WCB/WCC/WC6/WC9
50	G122	Body Machining	3-C600-GV-FL-WCB/WCC/WC6/WC9
51	G122a	Body Machining	3-C600-GV-FL-CF8M
52	G147	Body Machining	4-C300-GV-FL-CF8/CF8M
53	G160a	Body Machining	4-C300-SV-BW-HO-CD3MN
54	G162	Body Machining	4-C600-GV-BW-WCB/WCC/WC6/WC9
55	G163	Body Machining	4-C600-GV-FL-WCB/WCC
56	G163a	Body Machining	4-C600-GV-FL-CF8M
57	G165	Body Machining	5-C150-FV-FL-WCB/WCC/WC6/WC9
58	G169	Body Machining	5-C300-GV-BW-WCB/WCC/WC6/WC9
59	G169a	Body edge preparation only	5-C300-GV-BW-WCB/WCC/WC6/WC9
60	G1107	LOCK HOOK-N205	8-C150-GV-BW-HW-WCB
61	G171	Body Machining	6-C150-FV-BW-CF8/CF8M
62	G175	Body Machining	6-C150-GV-BW-CF8M/CF8
63	G176	Body Machining	6-C150-GV-FL-CF8C/CF8/CF8M
64	G180	Body Machining	6-C150-GV-BW-WCB/WCC
65	G186	Body Machining	6-C300-FV-FL-CF8/CF8M
66	G189	Body Machining	6-C300-FV-FL-WCB/WCC
67	G195	Body Machining	6-C300-GV-BW-CF8M/CF8
68	G198	Body Machining	6-C300-GV-BW-WCB/WCC/WC6/WC9
69	G203a	Body Machining	8-C300-GV-FL-CF8M/CF8
70	G204a	Body Machining	8-C300-GV-BW-CF8M/CF8
71	G210a	Body Machining	8-C300-GV-FL-WCB/WCC/WC6/WC9
72	G210c	Body Machining	8-C300-GV-FL-WCB/WCC NC
73	G211a	Body Machining	8-C300-GV-BW-WCB/WCC/WC6/WC9
74	G425	Body Machining	10-C150-GV-FL CF8/CF8M
75	G427	Body Machining	10-C150-GV-BW WCB/WCC /WC6/WC9
76	G429	Body Machining	10-C150-GV-FL WCB/WCC Body NC
77	G429a	Body Machining	10-C150-GV-FL CF8/CF8M Body NC
78	G449a	Body Machining	8-C150-GV-FL-HO-CD3MN
79	G450	Body Machining	8-C300-FV-BW-CF8M/CF8
80	G454	Body Machining	8-C300-FV-FL-WCB/WCC
81	G455	Body Machining	8-C300-RV-BW-CF8/CF8M

List of Components

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82	G456	Body Machining	8-C300-SV-FL-CF8/CF8M
83	G1774	Body Machining	12" 600 GV FL WCB
84	G1876	Body Machining	10-C600-GV-FL-WCB/WC9
85	G1887	Body Machining	12-C600-GV-BW-GO-WCB/WCC
86	G1904	Body Machining	20-C150-GV-FL-GO-WCB
87	G1905	Body Machining	20-C150-GV-BW-MO-WCB-SG
88	G1910	Body Machining	20-C300-GV-BW-MO-WCB
89	G1911	Body Machining	20-C300-GV-FL-GO-WCB
90	G1918	Body Machining	24-C150-GV-FL-WCB
91	G1919	Body Machining	24-C150-GV-BW-MO-WCB-BP
92	G1925	Body machining	6-C600-FV-BW-WC6/WCB/WCC
93	G1962	Body Machining	14-C300-WCB-BW-FV/WC9
94	G1998	Body Machining	16-300-WCB-BW-FV/SPL
95	G2007	Body Machining	20-150-WCB-BW-FV
96	G2165	Body Machining	18-C300-GV-BW-GO-WCB/WC9
97	G2165a	Body Machining	18-C300-GV-BW-GO-C12A
98	G2146	Body Machining	22-C300-GV-BW-GO-WCB
99	G215	Bonnet Machining	14-C150-GV-CF8M/CF8
100	G1907	Wedge Rough Machining	20-C150-GV-BW-MO-WCB-BP
101	G216a	Bonnet Machining	14-C150-GV-FL-GO-CD3MN
102	G220	Bonnet Machining	16-C150-GV-WCB/WCC
103	G224	Bonnet Machining	18-C150-GV WCB/WCC
104	G1890	Bonnet Machining	12-C600-GV-BW-GO-WCB/WCC/WC9
105	G1913	Bonnet Machining	20-C300-GV-BW-WCB/WC9
106	G1920	Bonnet Machining	24-C150-GV-FL-WCB
107	G2152	Bonnet Machining	22-C300-GV-BW-GO-WCB
108	G225	Wedge Slitting	10-C300-GV-WCB/WCC/WC9
109	G226	Wedge Rough Machining	10-C300-GV-WCB/WCC/WC9
110	G227	Wedge Rough Machining	10-C300-GV-WCB/WCC/WC9 NC
111	G227a	Wedge Rough Machining	10-C300-GV-CF8M-NC
112	G234	Wedge Slitting	12-C150-GV-WCB/WCC
113	G236	Wedge Rough Machining	12-C150-GV-WCB/WCC NC WEDGE
114	G236d	Wedge Rough Machining	12-C150-GV-BW-HO-CD3MN
115	G236a	Wedge Rough Machining	12-C150-GV-CF8M NC WEDGE
116	G236b	Wedge Slitting - after welding	12-C150-GV-WCB/WCC NC WEDGE
117	G236c	Wedge Slitting - after welding	12-C150-GV-CF8M NC WEDGE
118	G235	Wedge Rough Machining	12-C150-GV-WCB/WCC
119	G239	Wedge Slitting	12-C300-GV-WCB/WCC/WC6/WC9
120	G240	Wedge Rough Machining	12-C300-GV-WCB/WCC/WC6/WC9
121	G240b	Wedge Rough Machining	12-C300-GV-WCB/WCC/WC9 NC
122	G240c	Wedge Slitting - after welding	12-C300-GV-WCB/WCC/WC9 NC
123	G243	Wedge Rough Machining	14-C150-GV-CF8M/CF8
124	G243a	Wedge Slitting - after welding	14-C150-GV-CF8M/CF8
125	G244a	Wedge Slitting - after welding	14-C150-GV-WCB/WCC
126	G244b	Wedge Rough Machining	14-C150-GV-FL-GO-CD3MN
127	G246	Wedge Rough Machining	14-C300-GV CF8/CF8M
128	G247	Wedge Rough Machining	14-C300-GV-WCB/WCC/WC6/WC9
129	G247a	Wedge Rough Machining	14-C300-GV-BW-MO-C12A

List of Components

Annexure-1

130	G248a	Wedge Slitting - after welding	16-C150-GV-WCB/WCC
131	G248b	Wedge Rough Machining	16-C150-GV-CF8M
132	G250a	Wedge Slitting - before welding	16-C300-GV-WCB/WCC/WC6/WC9
133	G250b	Wedge Rough Machining	18-C300-GV-BW-GO-C12A
134	G251	Wedge Rough Machining	18-C150-GV-WCB/WCC
135	G251a	Wedge Slitting - after welding	18-C150-GV-WCB/WCC
136	G253	Wedge Rough Machining	2-C150-GV-CF8/CF8M
137	G262	Wedge Slitting	2-C300-GV-WCB/WCC/WC9/WC6
138	G263	Wedge Rough Machining	2-C300-GV-WCB/WCC/WC9/WC6
139	G264	Wedge Rough Machining	2-C600-GV-CF8M/CF8
140	G266	Wedge Rough Machining	2-C600-GV-WCC/WCB/WC9/WC6
141	G269	Wedge Slitting	3-C150-GV-CF8M/CF8
142	G271	Wedge Slitting	3-C150-GV-WCB/WCC/WC9/WC6
143	G274	Wedge Slitting	3-C300-GV-CF8/CF8M
144	G275	Wedge Rough Machining	3-C300-GV-CF8M/CF8
145	G278	Wedge Rough Machining	3-C300-GV-WCBWCC/WC9/WC6
146	G279	Wedge Slitting	3-C300-GV-WCB/WCC/WC9/WC6
147	G280	Wedge Rough Machining	3-C600-GV-WC9/WC6/WCB
148	G280a	Wedge Slitting - before welding	3-C600-GV-WC9/WC6/WCB
149	G282	Wedge Rough Machining	4-C150-GV-CF8M/CF8
150	G287	Wedge Rough Machining	4-C150-GV-WCB/WCC/WC9/WC6
151	G287a	Wedge Rough Machining	4-C150-GV-BW-HO-CD3MN
152	G289	Wedge Slitting	4-C300-GV CF8/CF8M
153	G290	Wedge Rough Machining	4-C300-GV-CF8M/CF8
154	G293	Wedge Slitting	4-C300-GV-WCC/WCB/WC9/WC6
155	G294	Wedge Rough Machining	4-C300-GV-WCB/WCC/WC9/WC6
156	G296	Wedge Rough Machining	4-C600-GV-WCB/WCC/WC9/WC6
157	G296a	Wedge Rough Machining	4-C600-GV-WCB-CF8M
158	G296b	Wedge Slitting - before welding	4-C600-GV-WCB/WCC/WC9/WC6
159	G296c	Wedge Slitting - before welding	4-C600-GV-WCB-CF8M
160	G297	Wedge Rough Machining	6-C150-GV-CF8/CF8M CF8M
161	G298	Wedge Slitting	6-C150-GV-CF8M/CF8
162	G301	Wedge Slitting	6-C150-GV-WCB/WCC/WC9/WC6
163	G302	Wedge Rough Machining w/o T slot	6-C150-GV-WCB/WCC NC WEDGE
164	G302a	Wedge Rough Machining	6-C150-GV-CF8M NC WEDGE
165	G302b	Wedge T slot Machining	6-C150-GV-WCB/WCC NC WEDGE
166	G302c	Wedge Machining	6-C150-GV-FL-HO-CD3MN
167	G305	Wedge Rough Machining	6-C300-GV-CF8M/CF8
168	G308	Wedge Slitting	6-C300-GV-WCB/WCC/WC9/WC6
169	G309	Wedge Rough Machining	6-C300-GV-WCB/WCC/WC9/WC6
170	G309b	Wedge Rough Machining	6-C300-GV-WCB/WCC NC
171	G310	Wedge Slitting	8-C300-GV-WCB/WCC/WC9/WC6
172	G311b	Wedge Rough Machining	8-C300-GV-WCB/WCC NC
173	G313	Wedge Rough Machining	8-C300-GV-CF8/CF8M
174	G463	Wedge Rough Machining	10-C150-GV-CF8/CF8M
175	G464	Wedge Slitting	10-C150-GV-CF8/CF8M
176	G465	Wedge Slitting	10-C150-GV-WCB/WCC/WC9/WC6
177	G466	Wedge Rough Machining	10-C150-GV-WCB/WCC/WC9/WC6

List of Components

Annexure-1

178	G467	Wedge Rough Machining	10-C150-GV-WCB/WCC NC WEDGE
179	G467a	Wedge Rough Machining	10-C150-GV-BW-HO-CD3MN
180	G471	Wedge Rough Machining	6-C600-GV-WCB/WCC/WC9/WC6
181	G471a	WEDGE (ROUGH)-CF8	6-C600-GV-FL-HO (F514G178L109S132)
182	G471b	Wedge Slitting - before welding	6-C600-GV-WCB/WCC/WC9/WC6
183	G471c	Wedge Slitting - before welding	6-C600-GV-CF8
184	G472	Wedge Slitting	8-C150-GV-CF8M/CF8
185	G473	Wedge Rough Machining	8-C150-GV-CF8M/CF8
186	G477	Wedge Rough Machining	8-C150-GV-WCB/WCC NC WEDGE
187	G477a	Wedge Rough Machining	8-C150-GV-FL-HO-CD3MN
188	G478	Wedge Rough Machining	8-C600-GV-WCB/WCC/WC9/WC6
189	G478a	Wedge Slitting - before welding	8-C600-GV-WCB/WCC/WC9/WC6
190	G1880	Wedge Rough Machining	10-C600-GV-FL-MO-WCB/WCC/WC9
191	G1880a	Wedge - CF8	10-C600-GV-FL-GO-SG (F894L106S132)
192	G1880b	Wedge Slitting - before welding	10-C600-GV-FL-MO-WCB/WCC/WC9
193	G1880c	Wedge Slitting - before welding	10-C600-GV-CF8
194	G1884a	Wedge Slitting - before welding	12-C600-GV-CF8
195	G1889	Wedge Rough Machining	12-C600-GV-BW-GO-WCB/WCC
196	G1889a	Wedge Slitting - before welding	12-C600-GV-BW-GO-WCB/WCC
197	G1907a	Wedge Slitting - after welding	20-C150-GV-WCB/WCC
198	G1914	Wedge Rough Machining	20-C300-GV-BW-GO-WCB-BP
199	G1914a	Wedge Slitting - before welding	20-C300-GV-WCB/WCC
200	G1921	Wedge Rough Machining	24-C150-GV-BW-MO-WCB
201	G1921a	Wedge Slitting - before welding	24-C150-GV-BW-MO-WCB
202	G2150	Wedge Rough Machining	22-C300-GV-BW-GO-WCB
203	G2150a	Wedge Slitting - before welding	22-C300-GV-BW-GO-WCB
204	G318	Yoke Machining	10-C300-GV-GO-WCB/WCC/WC9/WC6
205	G319	Yoke Machining	10-C300-GV-HW/MO-WCB/WCC/WC9 NC YOKE
206	G320	Yoke Machining	10-C300-GV-HW-WCB/WCC
207	G322	Yoke Machining	12-C150-GV-HW-CF8M/CF8
208	G324	Yoke Machining	12-C150-GV-HW-WCB/WCC
209	G329a	Yoke Machining	14-C150-GV-FL-GO-CD3MN
210	G331	Yoke Machining	16-C150-GV-MO-WCB/WCC
211	G333	Yoke Machining	18-C150-GV-MO-WCB/WCC
212	G342	Yoke Machining	2-C300-GV-MO-CF8/CF8M
213	G345	Yoke Machining	2-C300-GV-MO-WCB/WCC
214	G352	Yoke Machining	2-C600-GV-HW-CF8M/CF8
215	G353	Yoke Machining	2-C600-GV-HW-WCB/WCC
216	G367	Yoke Machining	3-C300-RV-HW-CF8M/CF8
217	G401	Yoke Machining	4-C600-GV-MO-WCB/WCC
218	G403	Yoke Machining	5-C300-GV-HW-WCB/WCC
219	G244	Wedge Rough Machining	14-C150-GV-WCB/WCC
220	G480	Yoke Machining	10-C150-GV-HW-CF8/CF8M
221	G484	Yoke Machining	10-C150-GV-HW-WCB/WCC/WC9/WC6

222	G512	Yoke Machining	8-C600-GV-GO-WCB/WCC/WC9/WC6
223	G2157	Yoke Machining	22-C300-GV-BW-GO-WCB
224	G1881	Yoke Machining	10-C600-GV-FL-MO-WCB
225	G1885	Yoke Machining	12-C600-GV-FL-GO-CF8-BP
226	G1908	Yoke Machining	20-C150-GV-FL-WCB
227	G1915	Yoke Machining	20-C300-GV-BW-WCB
228	G1922	Yoke Machining	24-C150-GV-BW-WCB
229	G513	Gas cutting of plate	Tk 1 to <10
230	G514	Gas cutting of plate	Tk 10 to <20
231	G515	Gas cutting of plate	Tk 20 to <30
232	G516	Gas cutting of plate	Tk 30 to <40
233	G517	Gas cutting of plate	Tk 40 to <50
234	G518	Gas cutting of plate	Tk 50 to <60
235	G519	Gas cutting of plate	Tk 60 to <80
236	G520	Gas cutting of plate	Tk 80 to <90
237	G2436	Gas cutting of plate	Tk 90 to <110
238	G2259	Gas Cutting of plate	Tk 110 to <135
239	G2260	Gas Cutting of plate	Tk 135 to <155
240	G2589	Gas Cutting of Plate	Tk 155 to <175
241	G2590	Gas Cutting of Plate	Tk 175 to <190
242	G532	SLEEVE EXT. SPINDLE	12"-150 GV WCB
243	G532a	SLEEVE-E513	14-C150-GV-FL (Extension Spindle)
244	G599	ADAPTOR-STEEL HO Valve	8" 300 RV WCB
245	G1867a	SLEEVE-E512	Extension Spindle
246	G608	ARM ASSY-Z047	12-C300-FV-BW-CF8M
247	G609	ARM ASSY-Z018	12-C300-FV-BW-WCB
248	G1895	ARM ASSY-Z022	16-300SPL-WCB-BW-FV
249	G1970	ARM ASSY-Z023	14-300-WCB-BW-FV
250	G1970a	ARM ASSY-Z080	14-300-CF8M-BW-FV
251	G654	Back Seat Final Stellite	16-C150-GV-WCB
252	G662	Back Seat Final	2-C150-GV-CF8
253	G665	Back Seat Final	2-C150-GV-WCB
254	G667	Back Seat Final	2-C300-GV-WCB
255	G669	Back Seat Final F6	2-C300-RV-WCB
256	G672	Back Seat Final	2-C300-SV-CF8
257	G674	Back Seat Final	2-C600-GV-WCB
258	G679	B.Seat Final F6	3-C150-GV-WCB
259	G683	Back Seat Final	3-C300-RV-BW-HW-WC6
260	G687	Back Seat Final	4-C150-GV-BW-HW-CF8M
261	G688	Back Seat Final	4-C150-GV-BW-HW-WC9
262	G689	Back Seat Final F6	4-C150-GV-BW-HW-WCB
263	G689a	BACK SEAT BUSH-NK32	4-C150-GV-BW-HO-CD3MN
264	G692	Back Seat Final	4-C150-GV-FL-HW-WCB
265	G696	Back Seat Final	4-C300-RV-BW-MO-CF8
266	G697	Back Seat Final F6	4-C300-RV-FL-HW-WCB
267	G697a	BACK SEAT-P725	4-C300-SV-BW-HO-CD3MN
268	G2153	Back Seat Final	22-C300-GV-BW-GO-WCB
269	G746	BALL-E086	12-C150-GV-FL-HW-WCB

270	G746a	BALL-E512	Extension Spindle
271	G754	BOTTOM PLATE-K011	12-C150-GV-BW-HW-WCB-SG
272	G756	BOTTOM PLATE-K268	2-C150-GV-BW-HW-WCB
273	G757	BOTTOM PLATE-N209	3-C300-GV-FL-HW-WCB
274	G758	BOTTOM PLATE-K164	8-C150-GV-BW-HW-WCB-SG
275	G759	BOTTOM PLATE-NC08	8-C150-GV-FL-HW-WCB
276	G773	BUSH-E480	10-C300-GV-FL-HW-WCB
277	G773a	BUSH-E512	Extension Spindle
278	G774	BUSH-K325	12-C300-GV-BW-GO-WCB
279	G777	TUBE OF BYPASS	10-C150-GV-BP
280	G778	TUBE OF BYPASS	10-C300-GV-BP
281	G779	TUBE OF BYPASS	12-C150-GV-BP
282	G780	TUBE OF BYPASS	12-C300-GV-BP
283	G781	TUBE OF BYPASS	14-C150-GV-BP
284	G782	TUBE OF BYPASS	14-C300-GV-BP
285	G783	TUBE OF BYPASS	16-C150-GV-BP
286	G784	TUBE OF BYPASS	16-C300-GV-BP
287	G785	TUBE OF BYPASS	18-C150-GV-BP
288	G787	TUBE OF BYPASS	6-C150-GV-BP
289	G789	TUBE OF BYPASS	6-C600-GV-BP
290	G791	TUBE OF BYPASS	8-C600-GV-BP
291	G2021	TUBE OF BYPASS-N933	20-C150-GV-FL-GO-WCB-BP
292	G2047	TUBE OF BYPASS-C285	20-C300-GV-BW-GO-WCB-BP
293	G793	CAP TUBE-N616	16-C300-GV-FL-MO-WC9
294	G831a	CONNECTING PIN-E512	Extension Spindle
295	G831b	CONNECTING PIN-E513	Extension Spindle
296	G837	COVER TUBE-K661 / ND68 INDICATOR TUBE ASSY-N790	12-C300-GV-BW-GO-WCB
297	G838	COVER TUBE	14-C150-GV-BW-GO-WCB
298	G839	COVER TUBE-N629	16-C150-GV-BW-GO-WCB
299	G840	COVER TUBE-N594	16-C300-GV-BW-GO-WCB
300	G841	COVER TUBE-N727	18-C150-GV-BW-GO-WCB
301	G900	Disc Retainer SV	2-C300-SV-CF8
302	G910	END COVER-E061	12-C150-GV-FL-HW-WCB
303	G915	END COVER-S847	3-C600-GV-BW-HW-WCB
304	G918	END COVER-S833	4-C300-GV-FL-HW-WCB
305	G920	END COVER-S836	6-C300-GV-BW-HW-WCB
306	G923	ENDCOVER-S837	8-C300-GV-BW-HW-WC9
307	G925	FIXING CLAMP-K011	10-C300-GV-BW-HW-WCB
308	G927	FIXING CLAMP-K324	2-C150-GV-BW-HW-WCB
309	G928	FIXING CLAMP	3-C300-GV-FL-HW-WCB
310	G929	FIXING CLAMP-K163	8-C150-GV-BW-HW-WCB
311	G931	FIXING PLATE-K011	8-C150-GV-BW-HW-WCB
312	G936	FLANGE-E046	4-C150-GV-FL-HW-WCB
313	G944	GLAND FLANGE	10-C150-GV-FL-MO-WCB
314	G945	GLAND FLANGE	10-C300-GV-BW-MO-WCB
315	G946	GLAND FLANGE	10-C300-RV-BW-MO-WCB
316	G947	GLAND FLANGE	12-C150-GV-BW-HW-WCB

317	G948	GLAND FLANGE - Part of Extension Spindle	12-C150-GV-FL-HW-WCB
318	G949	GLAND FLANGE	12-C300-GV-BW-GO-WC9
319	G950	GLAND FLANGE	14-C150-GV-FL-GO-WCB
320	G952	GLAND FLANGE	16-C150-GV-BW-MO-WCB
321	G953	GLAND FLANGE	16-C400-GV-BW-GO-WCB
322	G1935	GLAND FLANGE	12-C600-GV-FL-GO-CF8-BP
323	G1980	GLAND FLANGE	10-C600-GV-FL-MO-WCB-BP
324	G2155	GLAND FLANGE	22-C300-GV-BW-GO-WCB
325	G1026	GUIDE BUSH-E196	12-C150-GV-FL-HW-WCB
326	G1030	H W RETAINER-1530	8-C600-GV-RTJ-HW-WC6
327	G1034	HUB-K020	10-C300-GV-BW-HW-WCB
328	G1035	HUB-E465	12-C150-GV-FL-HW-WCB
329	G1036	HUB-K011	3-C300-GV-FL-HW-WCB
330	G1037	HUB-K357	4-C300-GV-BW-HW-WCB
331	G1038	INDICATOR DISC-1084	10-C300-RV-BW-GO-WCB
332	G1040	INDICATOR DISC-N628	12-C300-GV-BW-GO-WC9
333	G1041	INDICATOR DISC-1149	3-C600-GV-BW-HW-WCB
334	G1042	INDICATOR DISC-S833	4-C300-GV-FL-HW-WCB
335	G1044	INDICATOR DISC-N248	6-C300-GV-BW-HW-WCB
336	G1045	INDICATOR DISC-N244	8-C300-GV-BW-HW-WC9
337	G1048	INDICATOR-E125	12-C150-GV-FL-HW-WCB
338	G1049	INDICATOR-N207	10-C150-GV-FL-HW-WCB
339	G1066	JOINT END-E081	12-C150-GV-FL-HW-WCB
340	G1066a	JOINT END-E512	Extension Spindle
341	G1067	JOINT END-E091	12-C150-GV-FL-HW-WCB
342	G1067a	JOINT END-E512	Extension Spindle
343	G1083	LANTERN RING	4-C600-GV-RTJ-HW-WCB-SG
344	G1086	LANTERN RING	6-C600-GV-WCB-SG
345	G2161	LANTERN RING-NG12	22-C300-GV-BW-GO-WCB
346	G2072	LANTERN RING-K821	24-C150-GV-BW-MO-WCB-SG
347	G1093	LEVER PLATE-K325	12-C300-GV-BW-GO-WCB
348	G1095	LOCK BUSH-N206	10-C150-GV-BW-HW-WCB
349	G1095a	LOCK BUSH-N954	24-C150-GV-BW-GO-WCB-BP
350	G1096	LOCK BUSH-N213	12-C300-GV-BW-GO-WCB
351	G1097	LOCK BUSH-N205	8-C150-GV-BW-HW-WCB
352	G1098	LOCK BUSH-N204	8-C600-GV-FL-GO-WCB
353	G248	Wedge Rough Machining	16-C150-GV-WCB/WCC
354	G1100	LOCK HOOK-NC51	12-C150-GV-FL-GO-WCB
355	G1101	LOCKING ARRGT.HOOK	12-C300-GV-BW-GO-WCB
356	G250	Wedge Rough Machining	16-C300-GV-WCB/WCC/WC6/WC9
357	G2583	BODY-6-C600-FV-FL-WCC-Z103	6-C600-FV-FL-WCC
358	G1106	LOCK HOOK-N213	6-C600-GV-BW-HW-WCB
359	G1108	LOCK HOOK-N954	8-C600-GV-FL-GO-WCB
360	G1110	LOCK PLATE	10-C300-GV-BW-HW-WCB
361	G1111	LOCK PLATE	12-C150/300-GV-FL-GO-WCB
362	G1112	LOCK PLATE	12-C300-GV-BW-GO-WCB
363	G1113	LOCK PLATE	14-C150-GV-FL-GO-WCB
364	G1115	LOCK PLATE	2-C600-GV-FL-HW-WCB

365	G1116	LOCK PLATE	3-C600-GV-BW-HW-WCB
366	G1117	LOCK PLATE	6-C150-GV-BW-HW-CF8M
367	G1118	LOCK PLATE	6-C300-GV-BW-HW-WCB
368	G1120	LOCK PLATE	8-C150-GV-BW-HW-WCB
369	G1121	LOCK PLATE	8-C300-GV-BW-HW-WCB
370	G1122	LOCK PLATE	8-C600-GV-FL-GO-WCB
371	G1127	MOUNTING PLATE-N204	6-C150-GV-FL-HW-WCB
372	G1128	MOUNTING PLATE-N205	8-C150-GV-FL-HW-WCB
373	G1132	PIN-E067	12-C150-GV-FL-HW-WCB
374	G1132a	PIN-E516	12-C150-GV-FL (Extension Spindle)
375	G1133	PIN-E106	12-C150-GV-FL-HW-WCB
376	G1133a	PIN-E513	Extension Spindle
377	G1134a	PIN-E513	14-C150-GV-FL (Extension Spindle)
378	G1135	PIN-N812	12-C300-GV-BW-GO-WCB
379	G1136	PIN	14-C150-GV-BW-GO-WCB
380	G1137	PIN-N594	16-C300-GV-BW-GO-WCB
381	G1138	PIN-K325	16-C300-GV-BW-GO-WCB
382	G1148a	PLUG-Z113	4-C150-FV-BW-CD3MN
383	G1155	SCREW PLUG - 1/2-F604	4-C300-GV-BW-HW-WCB
384	G1159	DISK ASSY RV FINAL	2-C300-RV-CF8
385	G1160	DISK ASSY RV FINAL	2-C300-RV-WCB
386	G1183	RETAINER-N207	10-C150-GV-WCB
387	G1201a	Disc Retainer RV	8-C300-RV-BW-MO-CD3MN
388	G1203	RIB-K011	10-C150-GV-BW-HW-WCB
389	G1204	RIB-K163	12-C150-GV-BW-HW-WCB
390	G1205	RIB-K164	8-C150-GV-BW-HW-WCB
391	G1206	RING OF INDEX-K333	2-C300-RV-FL-HW-WCB
392	G1207	RING OF INDEX-K334	3-C300-RV-FL-HW-WCB
393	G1208	RING OF INDEX-K335	6-C300-RV-FL-HW-WCB
394	G1209	RING OF INDEX	8-C300-RV-BW-HW-WCB
395	G1211	SCALE OF INDEX-K333	2-C300-RV-FL-HW-WCB
396	G1212	SCALE OF INDEX	3-C300-RV-FL-HW-WCB
397	G1213	SCALE OF INDEX-2886	4-C300-RV-FL-HW-WCB
398	G1214	SCALE OF INDEX	6-C300-SV-BW-HW-WCB
399	G1215	SCALE OF INDEX-2925	8-C300-RV-BW-HW-WCB
400	G1230	Seat Ring Final Stellited	10-C300-RV-BW-GO-WCB/WC9
401	G1231	Seat Ring Final	10-C300-RV-BW-MO-WCB
402	G1231a	Seat Ring Final	10-C300-RV-BW-MO-CD3MN
403	G1237	Seat Ring Final	12-C300-FV-BW-CF8M
404	G1238	Seat Ring Final Stellited	12-C300-FV-FL-WCB
405	G1239	Seat Ring Final	12-C300-FV-FL-WCB
406	G1240	Seat Ring Final	12-C300-GV-BW-GO-WC9
407	G1242	Seat Ring Final Stellited	12-C300-GV-FL-GO-WCB
408	G1243	Seat Ring Final	12-C300-GV-FL-GO-WCB
409	G1244	Seat Ring Final Stellited	14-C150-GV-BW-GO-WCB
410	G1246a	Seat Ring Final	14-C300-GV-BW-MO-C12A
411	G1253a	Seat Ring Final	18-C300-GV-BW-GO-C12A
412	G1254	Seat Ring Final Stellited	16-C400-GV-BW-GO-WCB
413	G1255	Seat Ring Final	18-C150-GV-BW-MO-WCB

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414	G1256	Seat Ring Final Stellited	18-C150SPL-GV-WCB
415	G1257	Seat Ring Final	2-C150-FV-FL-CF8
416	G1263	Seat Ring Final Stellited	2-C300-FV-FL-WC6
417	G1264	Seat Ring Final	2-C150/C300-FV-FL-WCB
418	G1267	Seat Ring Final	2-C300-SV-BW-HW-CF8
419	G1268	Seat Ring Final	2-C300-RV-BW-MO-WCB
420	G1269	Seat Ring Final Stellited	2-C300-RV-FL-HW-WCB
421	G1270	Seat Ring Final	2-C600-GV-FL-HW-CF8M
422	G1271	Seat Ring Final	2-C600-GV-FL-HW-WCB
423	G1272	Seat Ring Final Stellited	3-C150-FV-FL-CF8M
424	G1273	Seat Ring Final	3-C150-FV-FL-CF8M
425	G1281	Seat Ring Final	3-C300-FV-WC9/WC6
426	G1282	Seat Ring Final Stellite	3-C300-FV-FL-WCB
427	G1283	Seat Ring Final	3-C300-FV-FL-WCB
428	G1287	Seat Ring Final	3-C300-RV-BW-HW-CF8M
429	G1288	Seat Ring Final Stellite	3-C300-RV-BW-MO-CF8M
430	G1289	Seat Ring Final	3-C300-RV-BW-HW-WC6
431	G1290	Seat Ring Final Stellite	3-C300-SV-BW-HW-WCB
432	G1291	Seat Ring Final	3-C300-SV-FL-HW-WCB
433	G1292	Seat Ring Final	3-C600-GV-BW-MO-WC6/CF8M
434	G1293	Seat Ring Final	3-C600-GV-RTJ-HW-WCB
435	G1294	Seat Ring Final Stellite	4-C150-FV-CF8/CF8M
436	G1294a	SEAT RING-Z113	4-C150-FV-BW-CD3MN
437	G1295	Seat Ring Final Stellite	4-C150-FV-FL-WCB
438	G1303	Seat Ring Final	4-C300-FV-BW-CF8
439	G1304	Seat Ring Final Stellite	4-C300-FV-BW-CF8M
440	G1306	Seat Ring Final	4-C300-FV-FL-WCB
441	G1307	Seat Ring Final Stellite	4-C300-FV-FL-WCB
442	G1313	Seat Ring Final	4-C300-RV-BW-MO-CF8M
443	G1314	Seat Ring Final Stellite	4-C300-RV-BW-MO-CF8M
444	G1316	Seat Ring Final Stellite	4-C300-RV-BW-MO-WCB
445	G1317	Seat Ring Final	4-C300-SV-BW-MO-WCB
446	G1317a	SEAT RING-P725	4-C300-SV-BW-HO-CD3MN
447	G1318	Seat Ring Final	4-C600-GV-BW-HW-WC6
448	G1318a	Seat Ring Final	4-C600-GV-BW-HW-CF8M
449	G1319	Seat Ring Final	4-C600-GV-BW-HW-WCC
450	G1320	Seat Ring Final Stellite	6-C150-FV-BW-CF8/CF8M
451	G1321	Seat Ring Final	6-C150-FV-FL-CF8M
452	G1322	Seat Ring Final Stellite	6-C150-FV-BW-WCB
453	G1323	Seat Ring Final	6-C150-FV-FL-WCB
454	G1331	Seat Ring Final Stellite	6-C300-FV-BW-CF8M
455	G1332	Seat Ring Final	6-C300-FV-CF8/CF8M
456	G1333	Seat Ring Final	6-C300-FV-BW-WC9
457	G1334	Seat Ring Final Stellite	6-C300-FV-FL-WCB
458	G1335	Seat Ring Final	6-C300-FV-FL-WCB
459	G1341	Seat Ring Final Stellite	6-C300-RV-FL-MO-CF8M
460	G1342	Seat Ring Final	6-C300-SV-BW-HW-CF8M
461	G1343	Seat Ring Final	6-C300-SV-FL-HW-WC6
462	G1344	Seat Ring Final	6-C300-SV-FL-HW-WCB

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463	G1344a	SEAT RING-P726	6-C300-SV-BW-HO-CD3MN
464	G1345	Seat Ring Final Stellite	6-C300-RV-BW-MO-WCB
465	G1346	Seat Ring Final	6-C600-GV-BW-HW-WCC
466	G1347	Seat Ring Final	6-C600-GV-BW-MO-WC9
467	G1348	Seat Ring Final Stellite	8-C150-FV-BW-CF8
468	G1349	Seat Ring Final	8-C150-FV-CF8M/CF8
469	G1350	Seat Ring Final	8-C150-FV-FL-WCB
470	G1351	Seat Ring Final Stellite	8-C150-FV-FL-WCB
471	G1360	Seat Ring Final Stellite	8-C300-FV-FL-WCB/CF8M
472	G1361	Seat Ring Final	8-C300-FV-FL-WCB
473	G1366	Seat Ring Final	8-C300-SV-FL-HW-CF8
474	G1370a	Seat Ring Final	8-C600-GV-BW-MO-CF8M
475	G1940	Seat Ring Final	12-C600-GV-BW-GO-WCB
476	G2073	Seat Ring Final Stellite	24-C150-GV-BW-MO-WCB K902
477	G2074	Seat Ring Final	24-C150-GV-FL-MO-WCB
478	G2148	Seat Ring Final	22-C300-GV-BW-GO-WCB
479	G1371	SPIN EXTN FLANGE-E324	16-C300-GV-BW-GO-WCB
480	G1372a	SPIN EXTN PIN-E513	14-C150-GV-FL (Extension Spindle)
481	G1373	SPIN EXTN TUBE-E324	16-C300-GV-BW-GO-WCB
482	G1380	SPINDLE TOP-E465	12-C150-GV-FL-HW-WCB
483	G1385	SPINDLE-E209	12-C150-GV-FL-HW-WCB
484	G1387	SPINDLE-E182	16-C150-GV-FL-MO-WCB
485	G1405	STEM (with Hard Chrome Plating)	10-C300-GV-WC9
486	G1409a	STEM-NP56	12-C150-GV-BW-HO-CD3MN
487	G1410	STEM (with Hard Chrome Plating)	12-C300-GV-WC9/WC6
488	G1413a	STEM-NJ95	14-C150-GV-FL-GO-CD3MN
489	G1414	STEM (with Hard Chrome Plating)	14-C300-GV-WC9
490	G1415	STEM	14-C300-GV-CF8
491	G1418	STEM (with Hard Chrome Plating)	16-C300-GV-WC9
492	G1420	STEM	18-C150-GV-BW-GO-WCB
493	G1429	STEM	2-C300-RV/SV-WCB
494	G1431	STEM	2-C600-GV-CF8M
495	G1433	STEM	2-C600-GV-WCB
496	G1438	STEM	3-C300-GV-CF8M/CF8
497	G1439	STEM (with Hard Chrome Plating)	3-C300-GV-WC9
498	G1440	STEM	3-C300-GV-WCB
499	G1449	STEM	4-C300-GV-CF8/CF8M
500	G1450	STEM (with Hard Chrome Plating)	4-C300-GV-WC6/WC9
501	G1451	STEM	4-C300-GV-WCB
502	G1455	STEM (with Hard Chrome Plating)	4-C600-GV-WC6
503	G1455a	STEM	4-C600-GV-CF8M
504	G1456	STEM	4-C600-GV-WCB
505	G1461	STEM	6-C300-GV-CF8M/ND
506	G1464	STEM	6-C300-RV/SV-CF8M
507	G1465	STEM (with Hard Chrome Plating)	6-C300-RV/SV-WC9/WC6
508	G1466	STEM	6-C300-RV/SV-WCB
509	G1466a	STEM-P726	6-C300-SV-BW-HO-CD3MN
510	G1941	STEM	12-C600-GV-FL-CF8/WCB
511	G1941a	STEM (with Hard Chrome Plating)	12-C600-GV-FL-WC9

512	G1988	STEM	10-C600-GV-HO/MO-WCB
513	G1989	STEM (with Hard Chrome Plating)	10-C600-GV-BW-GO-WC6/WC9
514	G1990	STEM (F316)	10-C600-GV-GO-WCC-SG
515	G2039	STEM	20-C150-GV-BW-MO-WCB-BP
516	G2151	STEM	22-C300-GV-BW-GO-WCB
517	G2057	STEM	20-C300-GV-BW-GO-WCB
518	G2058	STEM	20-C300-GV-BW-MO-WCB
519	G2080	STEM	24-C150-GV-FL-GO-WCB
520	G2081	STEM	24-C150-GV-BW-MO-WCB
521	G1481	STRIKER PLATE-K020	10-C300-GV-BW-HW-WCB
522	G1482	STRIKER PLATE-N209	3-C300-GV-FL-HW-WCB
523	G1483	STRIKER PLATE C-K268	4-C300-GV-BW-HW-WCB
524	G1484	STRIKER PLATE-K011	8-C150-GV-BW-HW-WCB
525	G1486	SUNK KEY-W057	16-C150-GV-FL-MO-WCB
526	G1493	SWITCH BRACKET-K325	12-C300-GV-BW-GO-WCB
527	G1495	THRUST BASE-E478	16-C150-GV-FL-MO-WCB
528	G1500	THRUST PLATE-P366	10-C300-RV-BW-MO-WCB
529	G1500a	THRUST PLATE-P728	10-C300-RV-BW-MO-CD3MN
530	G1501	THRUST PLATE-P339	3-C300-RV-BW-HW-CF8M
531	G1502	THRUST PLATE	4-C300-RV
532	G1502a	THRUST PLATE-P725	4-C300-SV-BW-HO-CD3MN
533	G1503	THRUST PLATE	6-C300-RV
534	G1503a	THRUST PLATE-P727	6-C300-SV-BW-HO-CD3MN
535	G1507	TOP COVER-B004	12-C150-GV-FL-MO-WCB
536	G1509	TOP FLANGE-E465	12-C150-GV-FL-HW-WCB
537	G1517	TUBE	16-C300-GV-BW-MO-WCB
538	G1518	TUBE	2-C150-GV-BW-HW-WCB
539	G1519	TUBE	2-C300-GV-BW-HW-WCB
540	G1522	TUBE	3-C600-GV-BW-HW-WCB
541	G1527	TUBE	6-C150-GV-BW-MO-WCB
542	G1530	TUBE	6-C600-GV
543	G1532	TUBE	8-C300-GV
544	G1538	Felt Ring Washer -W057	16-C150-GV-FL-MO-WCB
545	G1991	TUBE OF BYPASS-F546	10-C600-GV-FL-MO-WCB-BP
546	G2149	Seat Ring Rough	22-C300-GV-BW-GO-WCB
547	G2154	Back Seat Rough	22-C300-GV-BW-GO-WCB
548	G1765	Rib	16-C150-GV-FL-MO-WCB
549	G1766	Tube	16-C150-GV-FL-MO-WCB
550	G1828	STUD-5402	10-C150-GV-BW-MO-WCB
551	G1835	STUD-K248	4-C600-GV-FL-HW-WCB
552	G1839	SW FLANGE 2/300-A941	2-C300-SV-FL-HW-WCB
553	G1840	SW FLANGE 3/150-A942	3-C150-GV-FL-HW-WCB
554	G1841	SW FLANGE 3/300-A943	3-C300-RV-FL-MO-WCB
555	G1847	INDICATOR STUD-C434	16-C300-GV-BW-MO-WCB
556	G1853	INT.FLANGE-E423	16-C150-GV-FL-MO-WCB
557	G1859	INT. FLANGE-F508	8-C600-GV-RTJ-HW-WC6
558	G1868a	PIN-E512	Extension Spindle
559	G1868b	PIN-E518	12-C150-GV-FL (Extension Spindle)
560	G1870	CONN TUBE-E487	6-C150-GV-FL-HW-WCB

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561	G1898	COVER-Z021	20-150-WCB-BW-FV
562	G1898a	COVER-U917	20-C150-FV-FL-CD3MN
563	G1948	PIN-F768	12-C600-GV-BW-GO-WCB
564	G1954	TUBE-1782	12-C600-GV-FL-MO-WCB-BP
565	G1969	DISC NUT-L802 (FLAP NUT)	14-300-WCB-BW-FV
566	G1972	LUG-Z023	14-300-WCB-BW-FV/WC9
567	G1996	CAP PLATE-W002	14-C150-GV-FL-MO-WCB
568	G2000a	DISC NUT-U946 (F316)	18-C150-FV-FL-WCB
569	G2000b	DISC NUT-Z115	20-C150-FV-FL-CD3MN
570	G2001	KNOCK PIN D16X25-Z029	16-300SPL-WCB-BW-FV
571	G2002	LUG-Z022	16-300SPL-WCB-BW-FV/WC9
572	G2004a	PLUG-Z114	16-C150-FV-FL-CD3MN
573	G2009	KNOCK PIN D16X27-L805	20-150-WCB-BW-FV
574	G2010	KNOCK PIN D16X27-L805	20-150-WCB-BW-FV
575	G2011	LUG-Z021	20-150-WCB-BW-FV
576	G2011a	LUG-Z115	20-C150-FV-FL-CD3MN
577	G2025	CAP TUBE-N231	20-C150-GV-BW-GO-WCB-BP
578	G2026	CAP TUBE-N579	20-C150-GV-BW-MO-WCB-SG
579	G2027	COVER TUBE-N668	20-C150-GV-BW-GO-WCB-BP-SG
580	G2030	INDICATOR RING-N224	20-C150-GV-FL-GO-WCB
581	G2040	TUBE-1780	20-C150-GV-BW-MO-WCB-SG
582	G2050	INDICATOR RING-N437	20-C300-GV-BW-GO-WCB
583	G2066	COVER-1083	24-C150-GV-BW-MO-WCB-SG
584	G2069	INDICATOR RING-1757	24-C150-GV-FL-GO-WCB
585	G2071	INTERMEDIATE FLG-B651	24-C150-GV-BW-MO-WCB
586	G2088	DISC NUT-0055	10-C300-RV-BW-MO-WCB
587	G2088a	DISC NUT-P728	10-C300-RV-BW-MO-CD3MN
588	G2113	HW FLANGE-E489	4-C300-RV-BW-MO-WCB
589	G2114	HUB-E489	4-C300-RV-BW-MO-WCB
590	G2119	BUSH (STEM)-P408	4-C300-RV-BW-HW-CF8M
591	G2120	NUT-P408	3-C300-RV-BW-HW-CF8M
592	G2123	NUT	4" 150 FV WCB
593	G2126	TOP FLANGE	10-C300-GV-BW-HW-WCB
594	G2162	COVER TUBE-NG12	22-C300-GV-BW-GO-WCB
595	G2163	CAP PLATE-W004	22-C300-GV-BW-GO-WCB
596	G2163b	CAP PLATE-W004	16/18-C300-GV-BW-GO-WCB
597	G2164	PIN-N398	22-C300-GV-BW-GO-WCB
598	G2170	GUARD ASSY-20003900	Wall Blower
599	G2174	VALVE STEM ASSY-30068702	Wall Blower
600	G2175	VALVE STEM-30141200	Wall Blower
601	G2176	VALVE STEM	Wall Blower
602	G2177	VALVE BLANK	Wall Blower
603	G2178	VALVE STEM CAP-40019800	Wall Blower
604	G2179	WORM-30011901	Wall Blower
605	G2180	WORM-30011903	Wall Blower
606	G2181	WORM L.H-30011902	Wall Blower
607	G2182	ELEMENT GEAR-30012200	Wall Blower
608	G2183	RAMP CAM-30013700	Wall Blower
609	G2184	RACK-30013800	Wall Blower

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610	G2184a	RACK SQ MILL-30013800	Wall Blower
611	G2185	CAM SHAFT COLLAR-30014700	Wall Blower
612	G2186	WORM SHAFT-30015100	Wall Blower
613	G2189	WORM GEAR SHAFT-30015500	Wall Blower
614	G2194	RACK PINION-30015600	Wall Blower
615	G2197	SPUR GEAR 12T-30074000	Wall Blower
616	G2198	MOTOR PINION 30T-40023200	Wall Blower
617	G2199	GEAR 40T-40024600	Wall Blower
618	G2200	SPUR GEAR-40025200	Wall Blower
619	G2201	PINION-40025900	Wall Blower
620	G2202	PRIMARY GEAR-40026200	Wall Blower
621	G2203	COVER-40001600	Wall Blower
622	G2205	COVER-40012500	Wall Blower
623	G2206	COVER PLATE-40012400	Wall Blower
624	G2207	COVER PLATE-40154700	Wall Blower
625	G2208	SHAFT COLLAR-40026100	Wall Blower
626	G2210	NOZZLE-40016300	Wall Blower
627	G2211	LOCK NUT M20X1.5-40016600	Wall Blower
628	G2213	CAM ASSY-30013400	Wall Blower
629	G2214	CAM-40017800	Wall Blower
630	G2215	CAM-40017900	Wall Blower
631	G2218	WORM GEAR 30T-40018300	Wall Blower
632	G2219	WORM GEAR-40018400	Wall Blower
633	G2220	WORM GEAR LH-40018500	Wall Blower
634	G2221	CUPPED PLUG-40019201	Wall Blower
635	G2222	CUPPED PLUG-40019202	Wall Blower
636	G2223	SPRING RETAINER-40019300	Wall Blower
637	G2224	GUIDE ROD-40019500	Wall Blower
638	G2225	PACKING GLAND-40019600	Wall Blower
639	G2228	AIR VENT (R1/4")	Wall Blower
640	G2233	SCRU GRB SOC AP10-40024200	Wall Blower
641	G2234	SWITCH MOUNT BRT-40024500	Wall Blower
642	G2235	THRUST WASHER-40025000	Wall Blower
643	G2236	THRUST WASHER-40025100	Wall Blower
644	G2237	RETAINING WASHER-40023900	Wall Blower
645	G2238	FLAT WASHER-40013000	Wall Blower
646	G2246	SEAT INSERT-40056500	Wall Blower
647	G2247	CAM-40079700	Wall Blower
648	G2248	SIN BRZ BUSH-40154800	Wall Blower
649	G2249	RACK GEAR HOUSING + GUIDE ROD FIXING	Wall Blower
650	G2251	STEM-E495 Extension Spindle	24-C150-GV-GO-WCB
651	G2254	Body Machining	18-C300-FV-BW-WCB
652	G2255	Body Machining	10-C400-RV-BW-CF8M
653	G2256	Body Machining	2-C600-GV-BW-CF8M
654	G2257	Body Machining	12-C600-GV-FL-WCC/WCB/WC9
655	G2261	Body Machining	12-C300-RV-BW-MO-WCB
656	G2261a	Body Machining	12-C300-RV-BW-MO-CF8M
657	G2261b	Body Machining	12-C300-SV-BW-GO-CD3MN

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658	G2263	Stem	12-C300-RV-BW-MO-WCB
659	G2263a	Stem	12-C300-RV-BW-MO-CF8M
660	G2263b	STEM-P729	12-C300-SV-BW-GO-CD3MN
661	G2264	Seat Ring Final (stellite)	12-C300-RV-BW-MO-WCB
662	G2264a	Seat Ring Final	12-C300-RV-BW-MO-CF8M
663	G2264b	SEAT RING Final Stellite	12-C300-SV-FL-GO-CF8M
664	G2264c	Seat Ring Final (stellite)	12-C300-SV-BW-GO-CD3MN
665	G2266	Disc Final stellite (Only seat m/c)	12-C300-RV-BW-MO-WCB
666	G2266a	Disc Final stellite (Only seat m/c)	12-C300-RV-BW-MO-CF8M
667	G2266b	Disc Final (Only seat m/c)	12-C300-SV-BW-GO-CD3MN
668	G2267	Dis Rough + Final machining (except seat m/c)	12-C300-RV-BW-GO-WCB
669	G2267a	Dis Rough + Final machining (except seat m/c)	12-C300-SV-BW-GO-CD3MN
670	G2268	Disc Nut	12-C300-RV-BW-MO-WCB
671	G2268a	Disc Nut	12-C300-RV-BW-MO-CF8M
672	G2268b	DISC NUT-P729	12-C300-SV-BW-GO-CD3MN
673	G2269	Back Seat Final	12-C300-RV-BW-MO-WCB
674	G2269a	BACK SEAT BUSH-P582	12-C300-SV-FL-GO-CF8M
675	G2269b	BACK SEAT ASSY-P729	12-C300-SV-BW-GO-CD3MN
676	G2270	Back Seat Rough	12-C300-RV-BW-MO-WCB
677	G2271	Disk Guide Rod	12-C300-RV-BW-MO-WCB
678	G2271a	DISK GUIDE ROD - P729	12-C300-SV-BW-GO-CD3MN
679	G2272	Gland Flange	12-C300-RV-BW-MO-WCB
680	G2273	Gland Follower	12-C300-RV-BW-MO-WCB
681	G2274	Stopper	12-C300-RV-BW-MO-WCB
682	G2275	Sunk Key	12-C300-RV-BW-MO-WCB
683	G2276	Thrust Plate	12-C300-RV-BW-MO-WCB
684	G2276a	THRUST PLATE-P729	12-C300-SV-BW-GO-CD3MN
685	G2277	Body Machining	6-C150-GV-BW-HW-CF8M-ND
686	G2278	Yoke Machining	6-C150-GV-BW-HW/MO-CF8M-ND
687	G2281	Wedge Rough	6-C300-GV-BW-HW-CF8M-ND
688	G2284	Wedge Rough	8-C150-GV-BW-CF8M-ND
689	G2286	Yoke Machining	8-C300-GV-HW/MO-CF8M-ND
690	G2287	Wedge Rough	8-C300-GV-CF8M-ND
691	G2289	Yoke Machining	10-C150-GV-HW-CF8M-ND
692	G2290	Wedge Rough	10-C150-GV-CF8M-ND
693	G2291	Seat Ring Final Stellite	10-C300-RV-CF8M
694	G2291a	Seat Ring Final	10-C300-RV-CF8M
695	G2299	Top Flange	16-C150-GV-WCB
696	G2302	Wedge Rough	3-C600-GV-CF8M
697	G2302a	Wedge Slitting - before welding	3-C600-GV-CF8M
698	G2310	Yoke Machining	5-C1500-GNV-BW-MO-WC9
699	G2313a	Body Rough	2.5-C1500-GLV-BW-HO-WC9
700	G2313b	Body Rough	3-C1500-GLV-BW-HO-WC9
701	G2317	Washer	2" to 8" Class 1500
702	G2320a	Handle boss	2.5-C1500-GLV-BW-HO-WC9
703	G2320b	Handle boss	4-C1500-GLV-BW-HO-WCB

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704	G2321	Plate	2" to 8" Class 1500
705	G2324a	Eye Bolt	2.5/3-C1500-GLV/GNV-BW-WCC/WCB/WC9
706	G2324b	Eye Bolt	4-C1500-GLV-BW-HO-WCB
707	G2324c	Eye Bolt	5-C1500-GLV-BW-GO-WC9
708	G2325a	Sunk Key	2.5/3-C1500-GLV/GNV-BW-WCC/WCB/WC9
709	G2325b	Sunk Key	4-C1500-GLV-BW-HO-WCB
710	G2326a	Stopper	2.5-C1500-GLV-BW-HO-WC9
711	G2326d	Stopper	3-C1500-GLV-BW-HO-WC9
712	G2326b	Stopper	4-C1500-GLV-BW-HO-WCB
713	G2326c	Stopper	5-C1500-GLV-BW-GO-WC9
714	G2327a	Yoke Stopper	2.5-C1500-GLV-BW-HO-WC9
715	G2327b	Yoke Stopper	3-C1500-GLV-BW-HO-WC9
716	G2327c	Yoke Stopper	4-C1500-GLV-BW-HO-WCB
717	G2328a	Gland	2.5-C1500-GLV-BW-HO-WC9
718	G2328b	Gland	3-C1500-GLV-BW-HO-WC9
719	G2328c	Gland	4-C1500-GLV-BW-HO-WCB
720	G2328d	Gland	5-C1500-GLV-BW-GO-WC9
721	G2330a	Bushing	2.5/3-C1500-GLV/GNV-BW-WCC/WCB/WC9
722	G2330b	Bushing	4/5-C1500-GLV-BW-HO-WCB
723	G2331	RACK COVER W/O PAINT-20024300	Wall Blower
724	G2332	EMERGENCY CRANK-30013600	Wall Blower
725	G2333	COMPANION FLANGE-40028501	Wall Blower
726	G2336	GUSSET PLATE-40015100	Wall Blower
727	G2336a	GUSSET PLATE-40402200	SLEEVE ASSEMBLY
728	G2337	ALIGNMENT PLATE-40015200	Wall Blower
729	G2338	SLEEVE TUBE	Wall Blower
730	G2339	VALVE BODY D40X60-40142200	Air Valve
731	G2341	VALVE DISC & STEM-40022200	Air Valve
732	G2342	BOTTOM COVER W/O PAINT-20025700	Wall Blower
733	G2343	PIN-40159700	Wall Blower
734	G2344	BASE PLATE-40159600	Wall Blower
735	G2345	Yoke Machining	3-C1500-GLV-BW-HO-WC9
736	G2347	Eye Bolt Clamp	5-C1500-GNV-BW-MO-WC9
737	G2349	Yoke Clamp	2" to 8" Class 1500
738	G2350	Body Machining	14-C600-RV-BW-WCB/WCC/WC9
739	G2351	Body Machining	16-C300-RV-BW-WCB/WCC/WC9
740	G2351a	Body Machining	18-C300-RV-BW-MO-C12A
741	G2352	Body Machining	16-C600-RV-BW-WCB/WCC/WC9
742	G2359	Disk Nut	14-C600-RV-BW-WCB/WCC/WC9/C12A
743	G2360	Disk Nut	16-C300-RV-BW-WCB/WCC/WC9/C12A
744	G2361	Disk Nut	16-C600-RV-BW-WCB/WCC/WC9/C12A

745	G2362	Seat Ring Final	14-C600-RV-BW-WCB/WCC/WC9
746	G2363	Seat Ring Final	16-C300-RV-BW-WCB/WCC/WC9
747	G2363a	Seat Ring Final	18-C300-RV-BW-MO-C12A
748	G2364	Seat Ring Final	16-C600-RV-BW-WCB/WCC/WC9
749	G2365	Stem	14-C600-RV-MO-WCC
750	G2366	Stem	16-C300-RV-MO-WCB/WCC
751	G2366a	Stem with Hard Chrome plating	18-C300-RV-BW-MO-C12A
752	G2367	Stem	16-C600-RV-BW-MO-WCC
753	G2368	Gland Flange	14-C600-RV-BW-MO-WCC
754	G2369	Gland Flange	16-C300-RV-BW-MO-WCB
755	G2370	Gland Flange	16-C600-RV-BW-MO-WCC
756	G2371	Key	14-C600-RV-BW-MO-WCC
757	G2372	Key	16-C600-RV-BW-MO-WCC
758	G2373	Stopper	14-C600-RV-BW-MO-WCC
759	G2374	Stopper	16-C300-RV-BW-MO-WCB
760	G2375	Stopper	16-C600-RV-BW-MO-WCC
761	G2376	Sunk Key	16-C300-RV-BW-MO-WCB
762	G2377	Yoke Machining	14-C600-RV-BW-MO-WCC
763	G2396	Yoke Machining	3-C600-GV-HW-CF8M
764	G2397	Body Machining excludes Hinge pin drilling, top flange drilling and top flange machining.	24-C150-FV-FL-WCB
765	G2397a	Body Machining excludes Hinge pin drilling, top flange drilling and top flange machining.	24-C150-FV-FL-CF8M
766	G2397b	Body Machining excludes Hinge pin drilling, top flange drilling and top flange machining.	24-C150-FV-FL-CD3MN
767	G2399	Flap Rough	24-C150-FV-FL-WCB
768	G2399a	Flap Rough	24-C150-FV-FL-CF8M
769	G2400	Seat Ring Final	24-C150-FV-FL-WCB
770	G2400a	Seat Ring Final	24-C150-FV-FL-CF8M
771	G2400b	Seat Ring final Stellited	24-C150-FV-FL-CF8M
772	G2402	SCREW PLUG M56X2-5107	24-C150-FV-FL-WCB
773	G2403	BOLT-5192	24-C150-FV-FL-WCB
774	G2403a	BOLT-Z094	24-C150-FV-FL-CF8M
775	G2404	RIGHT/LEFT SIDE LUG	24-C150-FV-FL-WCB
776	G2404a	RIGHT/LEFT SIDE LUG	24-C150-FV-FL-CF8M
777	G2405	SEATRING ROUGH-NH50	14-C600-RV-WCB
778	G2406	SEAT RING ROUGH-NH51	16-C300-RV-WCB
779	G2408	Body Machining	750-C600/900-HRHIV-BW-WCC
780	G2408b	Body Machining	750-C600/900-HRHIV-BW-C12A
781	G2408a	Body Machining	700-C600-CRHIV-BW-WCC
782	G2408c	Body Machining	700-C900-HRHIV-BW-C12A
783	G2410	Body Machining	450-C500-CRHIV-BW-WCB/WCC
784	G2410b	Body Machining	450-C900SPL-HRHIV-BW-WC9
785	G2412	Adjusting Screw	450-C500-CRHIV-BW-WCB
786	G2413	Adjusting Screw	700-C500-CRHIV-BW-WCC
787	G2412b	Adjusting Screw	550-C900-HRHIV-BW-WC9

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788	G2412c	Adjusting Screw	750-C500-CRHIV-BW-WCC
789	G2414	Hex Domed Screw-3202	750-C600-CRHIV-BW-WCC
790	G2422	SUPPORT RING-3201/3200/3396	450/500-C900-HRHIV-BW-WC9
791	G2423	ARM ASSY-5126	24-C150 FV FL WCB
792	G2423a	Arm Assembly	24-C150-FV-FL-CD3MN
793	G2423b	ARM ASSY-5126	24-C150 FV FL CF8M
794	G2425	SPLIT RING ASSY-3245/3316	750-C600-CRHIV-BW-WCC
795	G2425a	SPLIT RING ASSY	700-C600-CRHIV-BW-WCC
796	G2426	COVER-3245	750-C600-CRHIV-BW-WCC
797	G2426a	COVER-3245/3316	700-C600-CRHIV-BW-WCC
798	G2426b	COVER-3316	750-C900-HRHIV-BW-C12A
799	G2426c	COVER-3397	700-C900-HRHIV-BW-C12A
800	G2430	SEAT RING ROUGH	16-C300-RV-BW-MO-WC9
801	G2431	BODY MACHINING	10-C300-FV-FL-CF8/CF8M
802	G2432	COVER SHEET	750-C600-CRHIV-BW-WCC
803	G2433	DISK-3245	750-C600-CRHIV-BW-WCC
804	G2433a	DISK-3204	700-C600-CRHIV-BW-WCC
805	G2434	LOCATING SCREW-3200	450-C500-CRHIV-BW-WCB
806	G2435	LOCK HOOK-W789	20-C300-GV-BW-GO-WCB
807	G2437	Body Machining	10-C300-GV-FL-WCB/WC9 NC
808	G2438	Dis Rough + Final machining (except seat m/c)	12-C300-SV-WCB
809	G2438a	Dis Rough + Final machining (except seat m/c)-P639	12-C300-SV-FL-GO-CF8M
810	G2439	Disc Final stellited (Only seat m/c)	12-C300-SV-WCB
811	G2439a	Disc Final (Only seat m/c) - P639	12-C300-SV-FL-GO-CF8M
812	G2439b	Disc Final (Only seat m/c)	12-C300-SV-FL-GO-CF8M
813	G2440	Seat Ring Rough	16-C600-RV-WCB
814	G2443	SPECIAL KEY-40114100	
815	G2449	Disc Nut	16-C150-FV-FL-WCB
816	G2449a	DISC NUT-Z114	16-C150-FV-FL-CD3MN
817	G2450	Body Machining	26-C300-GV-BW-WCB
818	G2451	Wedge Rough	26-C300-GV-BW-WCB
819	G2451a	Wedge Slitting - before welding	26-C300-GV-BW-WCB
820	G2452	Bonnet Machining	26-C300-GV-BW-WCB
821	G2454	Lantern Ring	10-C300-RV-CF8M
822	G2455	Body Machining	10-C300-GV-BW-CF8M-NC
823	G2456	Body Machining	14-C300-FV-BW-CF8M
824	G2459	Body Machining	14-C300-GV-BW CF8M
825	G2460	Yoke Machining	10-C300-GV-HW/MO-CF8M NC
826	G2461	Body Machining	16-C150-FV-FL-WCB
827	G2461a	Body Machining	16-C150-FV-FL-CD3MN
828	G2463	ARM ASSY	16-C150-FV-FL-WCB
829	G2463b	Arm Assembly	16-C150-FV-FL-CD3MN
830	G2464	Flap Final	16-C150-FV-FL-WCB
831	G2466	Hinge Pin	16-C150-FV-FL-WCB
832	G2467	Bottom Flange	12-C150-GV-WCB
833	G2469	DISK-3200	450-C500-CRHIV-BW-WCB
834	G2470	BONNET-3200	450-C500-CRHIV-BW-WCB

835	G2472	Yoke Machining	32-C150-GV-MO-WCB
836	G2473	Body Machining	32-C150-GV-BW-WCB
837	G2474	Nut	24-C150-FV-WCB
838	G2475	HAND WHEEL-G004	2.5-C1500-GLV-HO-WCC
839	G2476	Grip	2.5-C1500-GNV-BW-HO-WCC
840	G2477	Nut	2.5-C1500-GNV-BW-HO-WCC
841	G2478	Bolt	2.5-C1500-GNV-BW-HO-WCC
842	G2479	Lock plate	2.5-C1500-GNV-BW-HO-WCC
843	G2480	Retaining ring	5-C1500-GNV-BW-MO-WC9
844	G2481	Disc Final	3-C3500-GNV
845	G2482	Cover-3208	550-C900-HRHIV-BW-WC9
846	G2482a	Cover-3390	550-C900-HRHIV-BW-C12A
847	G2483	Support Ring-3208/3390	550-C900-HRHIV-BW-WC9/C12A
848	G2484	Disk-3208	550-C900-HRHIV-BW-WC9/C12A
849	G2485	Seat Ring Rough	550-C900-HRHIV-BW-WC9/C12A
850	G2486	Body Machining	20-C150-FV-FL-WCB
851	G2486a	Body Machining	20-C150-FV-FL-CD3MN
852	G2488	Disk Rough Stellite	2-C300-RV-CF8M
853	G2489	Lock Plate	4-C300-RV-CF8M
854	G2490	Seat Ring Rough	26-C300-GV-BW-WCB
855	G2491	Seat Ring Rough	32-C150-GV-BW-WCB
856	G2492	Disk Rough	2-C300-SV-WC6
857	G2492a	Disk Rough	2-C300-SV-CF8M
858	G2493	Orifice Plate	Wall Blower
859	G2494	INTERMEDIATE FL.-G090	3/4-C1500-GNV-BW-MO-WCB
860	G2497	SCREW PLUG M56X3-U581	24-C150-FV-FL-CF8M
861	G2498	SLEEVE TUBE W/O NIPPLE	Wall Blower
862	G2499	T-PIECE 3/8IN NPT-40065500	Wall Blower
863	G2508	Body Machining	14-C150-FV-FL-WCB
864	G2509	Lug Machining	16-C150-FV-FL-WCB
865	G2509a	LUG-Z114	16-C150-FV-FL-CD3MN
866	G2510	Bonnet Machining	550-C900-HRHIV-BW-WC9/C12A
867	G2511	Bonnet Machining	32-C150-GV WCB
868	G2512	CONNECTOR 3/8INC-40051902	Air Valve
869	G2513	Cover Machining	14-C150-FV-FL-WCB
870	G2515	Flap Rough	14-C150-FV-FL-WCB
871	G2516	Flap Rough	18-C150-FV-FL-WCB
872	G2517	Locking Plate-3200	450-C500-CRHIV-BW-WCB
873	G2518	Locking Plate-3208/3390	550-C900-HRHIV-BW-WC9/C12A
874	G2519	Nut	24-C150-FV-FL-CF8M
875	G2519a	NUT-Z116	24-C150-FV-FL-CD3MN
876	G2520	Seat Ring final	550-C900-HRHIV-BW-WC9/C12A
877	G2521	Seat Ring final	26-C300-GV-BW-WCB
878	G2523	Seat Ring Rough	18-C150-FV-FL-WCB
879	G2524	Seat Ring Rough	14-C150-FV-FL-WCB
880	G2525	Seat Ring final	32-C150-GV-WCB
881	G2526	Wedge Rough	32-C150-GV-WCB
882	G2526a	Wedge Slitting - after welding	32-C150-GV-WCB
883	G2527	Stem Machining	32-C150-GV-WCB

884	G2530	Split Ring Assy-3200/3396	450/500-C500-CRHIV-BW-WCB/WCC/WC9
885	G2531	Split Ring Assy-3208/3390	550-C900-HRHIV-BW-WC9/C12A
886	G2463a	ARM Assembly - CF8	16-C150-FV-FL (Z089S182)
887	G2548	Seat Ring Final	2-C300-FV-BW-WC9
888	G2550a	ARM-CF8	14-C150-FV-FL (Z082S182)
889	G2551a	FLAP-CF8	14-C150-FV-FL (Z082S182)
890	G2552a	Seat Ring Final -CF8	14-C150-FV-FL (Z082S182)
891	G2550b	ARM	14-C150-FV-FL-WCB
892	G2551b	FLAP Final	14-C150-FV-FL-WCB
893	G2552b	Seat Ring Final	14-C150-FV-FL-WCB
894	G2553	BODY	18-C150-FV-FL-WCB
895	G2554	COVER	18-C150-FV-FL-WCB
896	G2555	Arm Assembly	18-C150-FV-FL-WCB
897	G2555a	Arm Assembly	18-C150-FV-CF8
898	G2556	FLAP Final	18-C150-FV-FL-WCB
899	G2556a	Flap Final	18-C150-FV-CF8
900	G2557	Seat Ring Final	18-C150-FV-FL-WCB
901	G2557a	Seat Ring Final	18-C150-FV-CF8
902	G2558	Body Machining	14-C600-SV-FL-GO-WCC
903	G2559	Disk Final	14-C600-SV-FL-GO-WCC
904	G2560	Disk Rough	14-C600-SV-FL-GO-WCC
905	G2563	LANTERN RING	32-C150-GV-BW-MO-WCB
906	G2564	BYPASS TUBE-NH97	26-C300-GV-BW-MO-WCB-BP
907	G2567	LANTERN RING-NG07	26-C300-GV-BW-MO-WCB-SG
908	G2568	STEM (DO.START)-NG07	26-C300-GV-BW-MO-WCB
909	G2470a	Bonnet	450-C900SPL-HRHIV-BW-WC9
910	G2414a	DOMED SCREW	450-C500-CRHIV-BW-WCB
911	G2578	Body Machining	550-C900-HRHIV-BW-WC9
912	G2578a	Body Machining	550-C900-HRHIV-BW-C12A
913	G2497a	SCREW PLUG (B7)	24-C150-FV-FL-WCB
914	G2497b	SCREW PLUG M56X3-Z116	24-C150-FV-FL-CD3MN
915	G2581	BODY - P606	12-C300-SV-FL-WCB
916	G1346a	SEAT RING Final -CF8	6-C600-GV-FL-HO (F514G178L109S132)
917	G1467a	Stem - F316	6-C600-GV-FL-HO-WCC
918	G2584	Body Machining	5-C300-RV/SV-BW-WCB/WC9
919	G1429a	STEM (F316)	2-C300-SV-FL-HO-WCB-SG
920	G1430a	STEM (with Hard Chrome Plating)	2-C300-SV-BW-MO-WC9
921	G2585	INTERMEDIATE FL -W200	22-C300-GV-BW-MO-WCB
922	G2571	YOKE - (SMB3/GK35.1)	16-C600-RV-BW-MO-WCC
923	G2573	SEAT RING Final	450-C500-CRHIV-BW-WCB/WC9
924	G2574	Body	500-C500-CRHIV-BW-WCC/WC9
925	G2576	Seat Ring Rough	500-C500-CRHIV-BW-WCC
926	G90	Body Machining	3-C150-GV-FL-CF8/CF8M
927	G2592	MOTOR ADAPTER-30116100	Wall Blower
928	G2572	EYE BOLT	16-C600-RV-BW-MO-WCC
929	G2575	Seat Ring Final	500-C500-CRHIV-BW-WCC
930	G2562	GLAND FLANGE	32-C150-GV-BW-MO-WCB

List of Components

Annexure-1

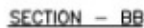
931	G2602	Applying fine facing cut on seat insert fitted in wall blower body	Wall Blower
932	G2603a	GUIDE BRACKET-E513	14-C150-GV-FL (Extension Spindle)
933	G2603b	GUIDE BRACKET-E518	12-C150-GV-FL (Extension Spindle)
934	G2604a	LOCK PLATE-E513	14-C150-GV-FL (Extension Spindle)
935	G2604b	LOCK PLATE-E518	12-C150-GV-FL (Extension Spindle)
936	G2613	Parting of PIPE DIA 457 X 42 X 6000 SA335P91+ Rough Seat Ring Machining	18-C300-GV-BW-GO-C12A
937	G2614	Parting of PIPE OD 508 X 80 X 6000 - SA335P91 + Rough Seat Ring Machining	18-C300-RV-BW-MO-C12A
938	G2615	Parting of PIPE DIA 406.4 X 42 X 6000 SA335P91 + Rough Seat Machining	14-C300-GV-BW-MO-C12A
939	G2616	LOCK PLATE	16-C300-GV-BW-GO-WCB
940	G2617	GLAND FOLLOWER-N827	32-C150-GV-BW-MO-WCB-SG
941	G2618	SWIVEL TUBE SUPPORT-40261000	Wall Blower
942	G2624	Body Machining	28-C300-GV-BW-WCB
943	G96b	Body Machining	2-1/2-C150-GV-FL-HO-WCB
944	G96c	Body Machining	2-1/2-C150-GV-FL-HO-CF8
945	G1476b	STEM (with Hard Chrome Plating)	8-C400SPL-RV-BW-GO-WC9
946	G2437a	Body Machining	10-C300-GV-FL-CF8 NC
947	G2603c	GUIDE BRACKET-E524	12-C150-GV-FL-HO-WCB
948	G2604c	LOCK PLATE-E524/ LOCK PLATE-E525	10/12-C150-GV-FL-HO-WCB
949	G1904a	BODY-NL89	20-C150-GV-FL-GO-CF8M
950	G1907b	WEDGE-K965	20-C150-GV-FL-GO-CF8M
951	G1906a	BONNET-NL89	20-C150-GV-FL-GO-CF8M
952	G2397c	Body Machining excludes Hinge pin drilling, top flange drilling and top flange machining.	24-C150-FV-BW-WCB
953	G2500a	EYE BOLT-1/2"x50 -B7-M959	2-C150-GV-FL-HO WCB
954	G2500b	EYE BOLT-1/2"x60 -B7-M960	2-C300-GV-FL-HO WCB
955	G2500c	EYE BOLT-5/8"x75 -B7-M961	4-C300-GV-FL-HO WCB
956	G2500d	EYE BOLT-5/8"x90 -B7-M962	8-C300-GV-FL-HO WCB
957	G1918a	BODY-NL92	24-C150-GV-FL-MO CF8M
958	G1921b	WEDGE-K966	24-C150-GV-FL-MO CF8M
959	G1920a	BONNET-NL92	24-C150-GV-FL-MO CF8M



SECTION - CC



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



NOTE:

01. BREAK ALL SHARP CORNERS.

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		 BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOILER PLANT, TRICHURAPALLI-620014.		DRN M.SRINIVASAN	SIGN 	DATE 24.03.08	NO. OF VAR.
365-120		CHD P. BOOMNATHAN	APFD M. RAJAKUMAR	24.03.08	24.03.08		
DEPT	VL		SCALE	WEIGHT (KG).	REFERENCE INFORMATIONS		NO. OF REV.
CODE	320		NTS	REF TABLE	CAD :C214236		
TITLE WEDGE ROUGH (22"-C300)				CARD CODE U 01	DRAWING NO. 2-V-0000-14236		REV 01

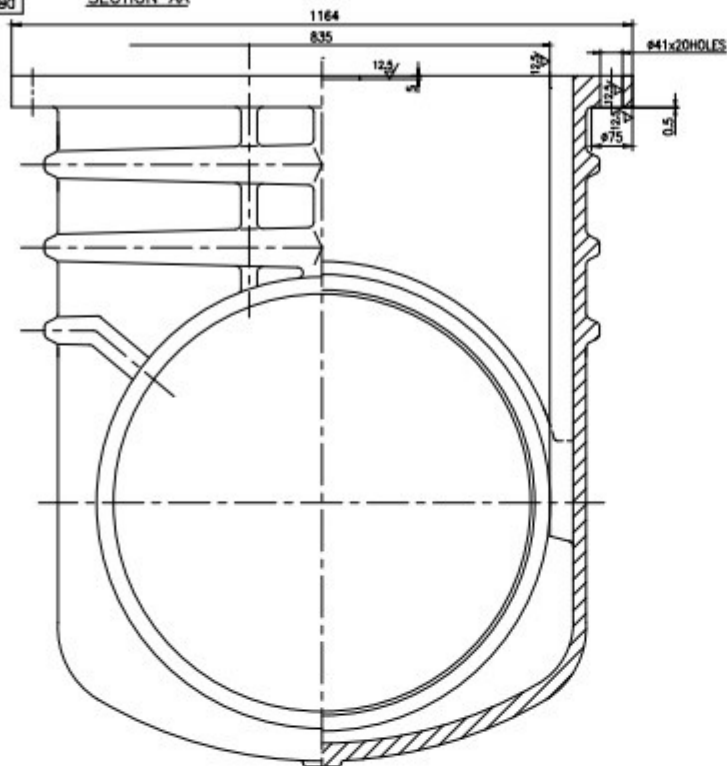
CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. it must not be used directly or indirectly in any way detrimental to the interest of

REV	DATE	ALTERED : R.P.SINGH
01	10.11.17	CHD & APPD : SSK & KRS
ZONE	DIMENSIONS @602 WAS @610	

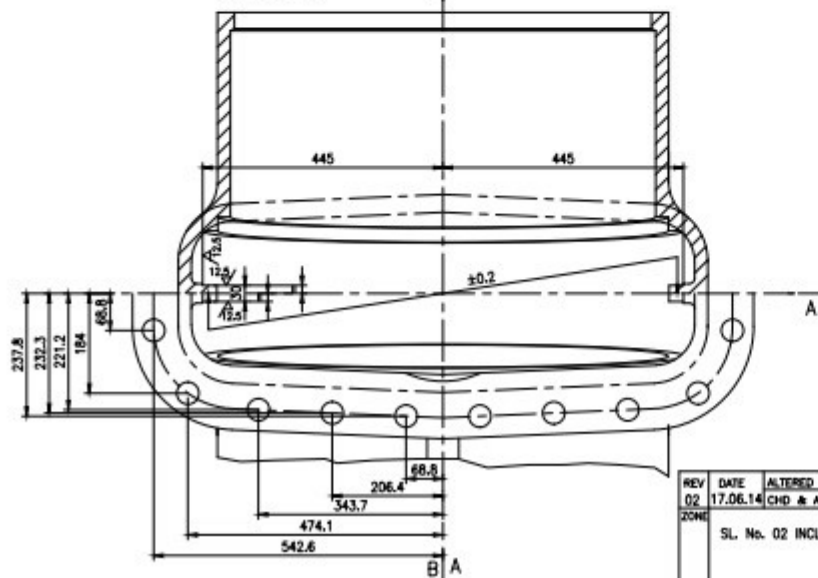
WEDGE ROUGH
(22°-C300)

CARD CODE	DRAWING NO.	REV
U 01	2-V-0000-14236	01

SECTION AA

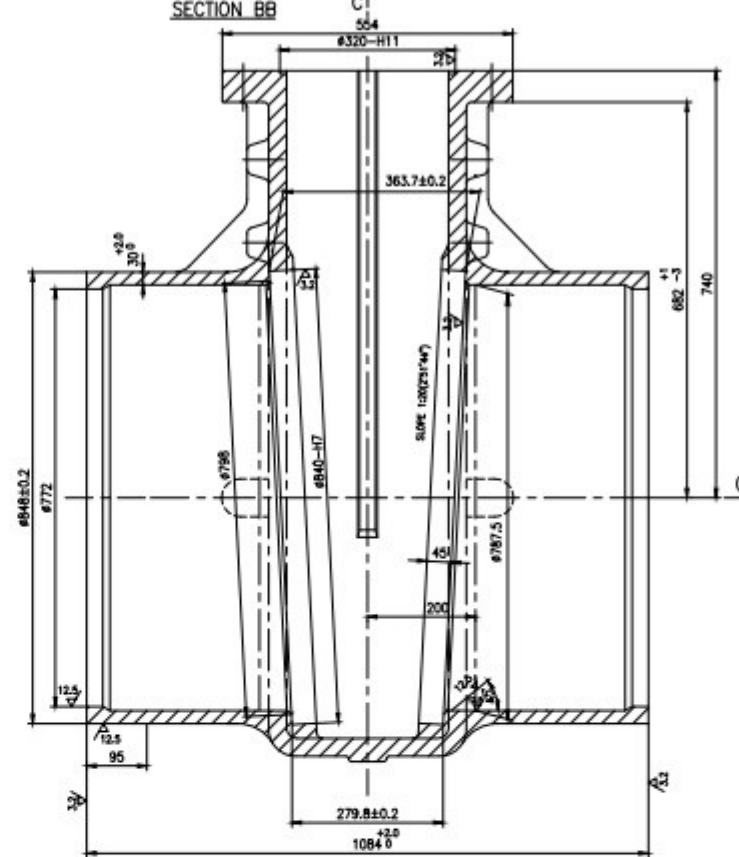


SECTION CC



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

SECTION BB



#320-H11	+0.360
	0
#840-H7	+0.090
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NOTE:

* 01 , QUALITY PROCEDURE AS APPLICABLE FOR SPECIAL CLASS VALVE

* 02	--	92203214	SA217 WC9 ATTEST	NT	20	1353	1505	2.V.NHB4.08327/1 932032920000	00
01	--	92201219	SA216 WCB ATTEST	NR	10	1353	1505	2.V.NB29.08327/1 931101420000	00
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TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT	Q1 2017	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025	Q3 2025	Q4 2025	Q1 2026	Q2 2026	Q3 2026	Q4 2026	Q1 2027	Q2 2027	Q3 2027	Q4 2027	Q1 2028	Q2 2028	Q3 2028	Q4 2028	Q1 2029	Q2 2029	Q3 2029	Q4 2029	Q1 2030	Q2 2030	Q3 2030	Q4 2030	Q1 2031	Q2 2031	Q3 2031	Q4 2031	Q1 2032	Q2 2032	Q3 2032	Q4 2032	Q1 2033	Q2 2033	Q3 2033	Q4 2033	Q1 2034	Q2 2034	Q3 2034	Q4 2034	Q1 2035	Q2 2035	Q3 2035	Q4 2035	Q1 2036	Q2 2036	Q3 2036	Q4 2036	Q1 2037	Q2 2037	Q3 2037	Q4 2037	Q1 2038	Q2 2038	Q3 2038	Q4 2038	Q1 2039	Q2 2039	Q3 2039	Q4 2039	Q1 2040	Q2 2040	Q3 2040	Q4 2040	Q1 2041	Q2 2041	Q3 2041	Q4 2041	Q1 2042	Q2 2042	Q3 2042	Q4 2042	Q1 2043	Q2 2043	Q3 2043	Q4 2043	Q1 2044	Q2 2044	Q3 2044	Q4 2044	Q1 2045	Q2 2045	Q3 2045	Q4 2045	Q1 2046	Q2 2046	Q3 2046	Q4 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2234	Q3 2234	Q4 2234	Q1 2235	Q2 2235	Q3 2235	Q4 2235	Q1 2236	Q2 2236	Q3 2236	Q4 2236	Q1 2237	Q2 2237	Q3 2237	Q4 2237	Q1 2238	Q2 2238	Q3 2238	Q4 2238	Q1 2239	Q2 2239	Q3 2239	Q4 2239	Q1 2240	Q2 2240	Q3 2240	Q4 2240	Q1 2241	Q2 2241	Q3 2241	Q4 2241	Q1 2242	Q2 2242	Q3 2242	Q4 2242	Q1 2243	Q2 2243	Q3 2243	Q4 2243	Q1 2244	Q2 2244	Q3 2244	Q4 2244	Q1 2245	Q2 2245	Q3 2245	Q4 2245	Q1 2246	Q2 2246	Q3 2246	Q4 2246	Q1 2247	Q2 2247	Q3 2247	Q4 2247	Q1 2248	Q2 2248	Q3 2248	Q4 2248	Q1 2249	Q2 2249	Q3 2249	Q4 2249	Q1 2250	Q2 2250	Q3 2250	Q4 2250	Q1 2251	Q2 2251	Q3 2251	Q4 2251	Q1 2252	Q2 2252	Q3 2252	Q4 2252	Q1 2253	Q2 2253	Q3 2253	Q4 2253	Q1 2254	Q2 2254	Q3 2254	Q4 2254	Q1 2255	Q2 2255	Q3 2255	Q4 2255	Q1 2256	Q2 2256	Q3 2256	Q4 2256	Q1 2257	Q2 2257	Q3 2257	Q4 2257	Q1 2258	Q2 2258	Q3 2258	Q4 2258	Q1 2259	Q2 2259	Q3 2259	Q4 2259	Q1 2260	Q2 2260	Q3 2260	Q4 2260	Q1 2261	Q2 2261	Q3 2261	Q4 2261	Q1 2262	Q2 2262	Q3 2262	Q4 2262	Q1 2263	Q2 2263	Q3 2263	Q4 2263	Q1 2264	Q2 2264	Q3 2264	Q4 2264	Q1 2265	Q2 2265	Q3 2265	Q4 2265	Q1 2266	Q2 2266	Q3 2266	Q4 2266	Q1 2267	Q2 2267	Q3 2267	Q4 2267	Q1 2268	Q2 2268	Q3 2268	Q4 2268	Q1 2269	Q2 2269	Q3 2269	Q4 2269	Q1 2270	Q2 2270	Q3 2270	Q4 2270	Q1 2271	Q2 2271	Q3 2271	Q4 2271	Q1 2272	Q2 2272	Q3 2272	Q4 2272	Q1 2273	Q2 2273	Q3 2273	Q4 2273	Q1 2274	Q2 2274
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	BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOLLER PLANT, TRICHURAPALLI-620014.	DRN	NAME V.BARAVIN	SIGN	DATE 18.01.01	NO. VAR
		CHD	R. NARAYANAN		19.01.01	
		ANVO	M. RAJAKI BAI		19.01.01	

DEPT. VL			SCALE	WEIGHT (KG.)	REFERENCE INFORMATION
CODE 320			N T S	-	CAD REF. NO:C208327
TITLE				CARD CODE	DRAWING NO.
BODY 32"/150CLASS				U 01	2-V-0000-08327 0.

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

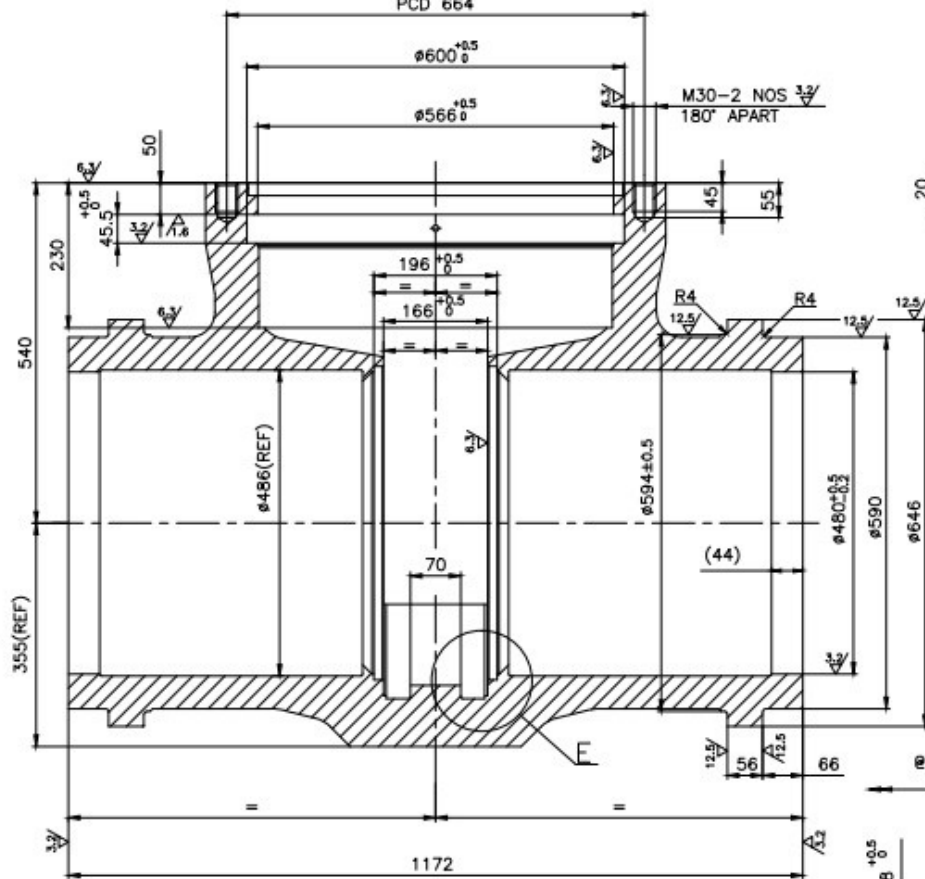
REV 02	DATE 17.06.14	ALTERED N.RAMESH CHD & APPD SSK & KRS	REV 01	DATE 07.09.01	ALTERED R.L. CHD & APPD MR
ZONE	SL. No. 02 INCLUDED		ZONE	DIM. 810 INCLUDED DCN NO. HM 0494	

SL. No. 02 INCLUDED

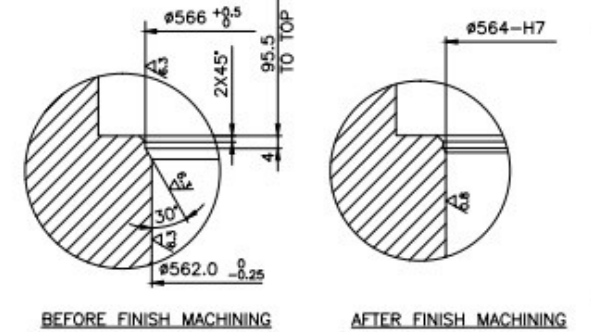
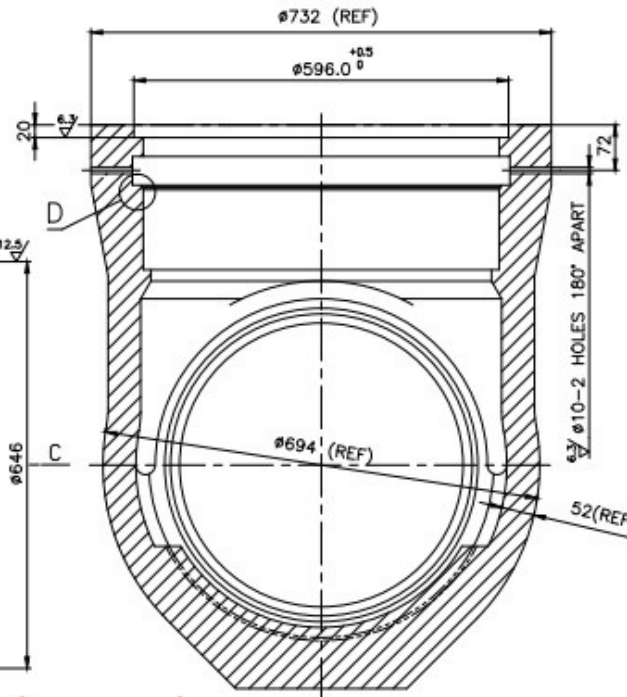
DIM. 810 INCLUDED
DCN NO. HM 0494

SECTION-BB

A C
PCD 664



SECTION-AA

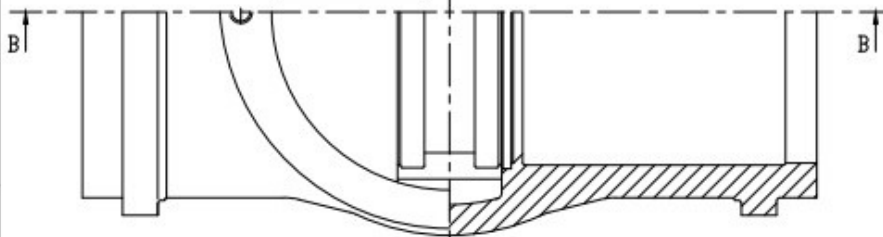


DETAIL-D

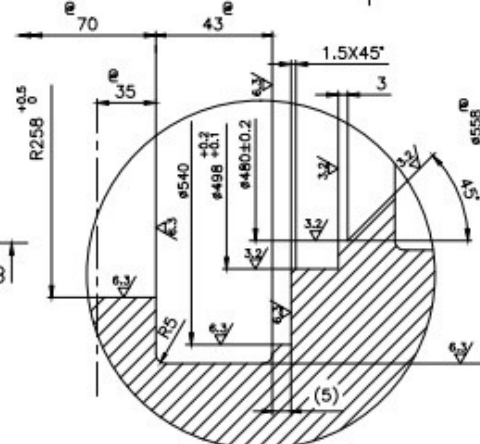
NOTE:-

1. UNSPECIFIED SHARP CORNERS TO BE CHAMFERED TO 1X45°.
2. ALLOWABLE DEVIATIONS FOR DIMENSION WITHOUT SPECIFIED TOLERANCE REFER: APPLICABLE QUALITY PROCEDURE.

SECTION-CC



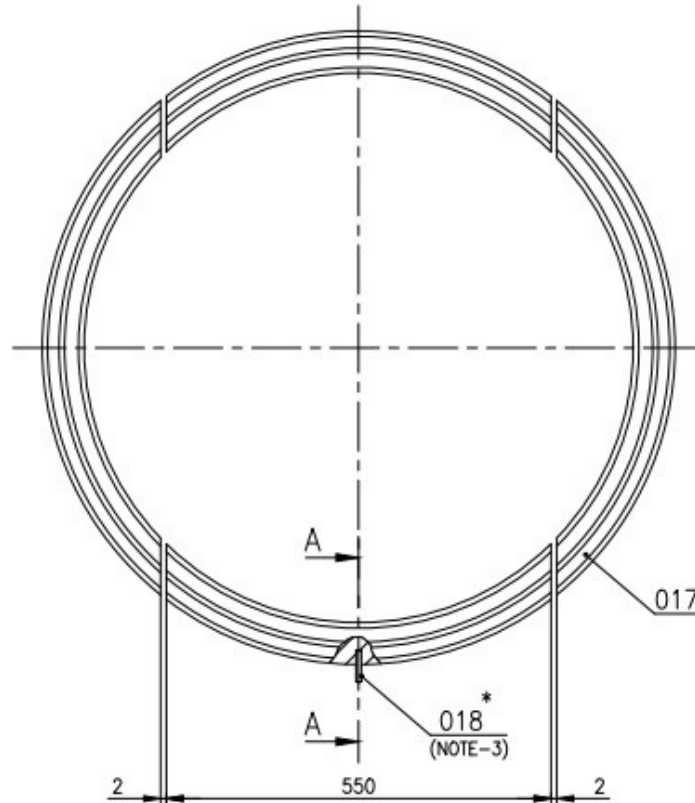
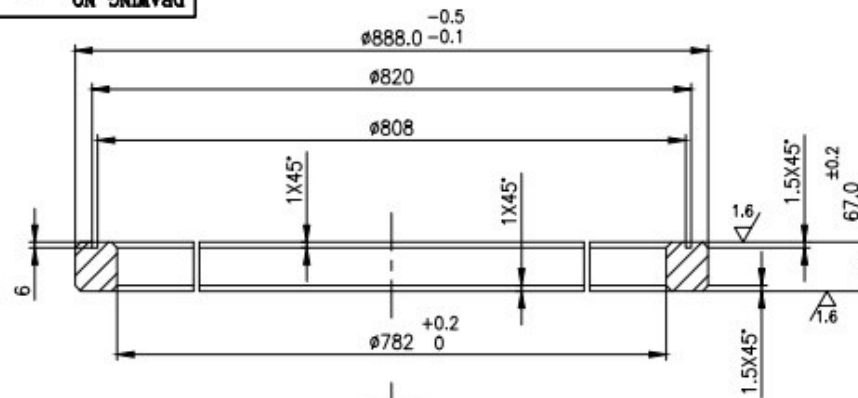
DETAIL-E



REV	DATE	ALTERED	M.SRINIVASAN	REV	DATE	ALTERED	M.SRINIVASAN	REV	DATE	ALTERED	M.SRINIVASAN	REV	DATE	ALTERED	M.SRINIVASAN	REV	DATE	ALTERED	M.SRINIVASAN
05	21.12.13	CHD & APPD	SSK & KRS	07	06.06.13	CHD & APPD	SSK & KRS	06	06.07.11	CHD & APPD	M.RAJAKUMAR	05	18.06.09	CHD & APPD	M.RAJAKUMAR	04	20.03.09	CHD & APPD	P.BHOMINATHAN
DIMENSION 66 & 1172 WERE 64 & 1168 ±3.2				SL.No. 02 INCLUDED				DIMENSION (44) INCLUDED				DIMENSION 70, 43, 558 & (5) INCLUDED.				DIM. 558, 486, 52 WERE 544, 470 & 63 RESPLY. DIM. 540 INCLUDED.			
DCP : 801664								DCP:801194				DCP:800976				DCP:800936			

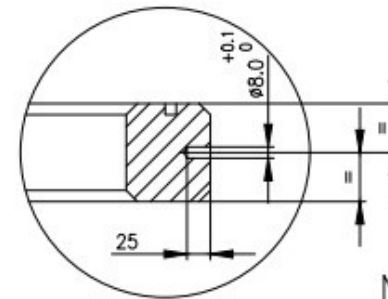
02	CASTING	92203133	SA217 C12A ATTEST	NORMALISED & TEMPERED	20	1270	1440	2-V-3390-05612	932030420000	001
01	CASTING	92033824	SA217 WC9 ATTEST	NORMALISED & TEMPERED	20	1270	1440	2-V-3208-05612/06	931663650000	001
SL No.	DESCRIPTION	MATL CODE	MATL SPEC	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING NO	COMPONENT CODE	ITEM No
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT										
 365-120					BHARAT HEAVY ELECTRICALS LTD. UNIT: HIGH PRESSURE BOILER PLANT, THIRUCHIRAPPALLI-620014.					
					DRN	NAME	SSK	DA		
					CHD	M.SRINIVASAN		22.05.93		
					APPD	N.NAGARAJAN		22.05.93		
DEPT	V.L.	SCALE	WEIGHT (KG)		REFERENCE INFORMATION					
CODE	365	N.T.S	1270		COMPONENT CODE: 93 165 365 C					
TITLE					CARD CODE	DRAWING NO.				
BODY (550mm-C900)					U 01	2-V-0000-05612				

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REV	DATE	ALTERED	R.P.SINGH	REV	DATE	ALTERED	M.SRINIVASAN
04	19.04.18	CHD & APPD	SSK & KRS	03	15.02.16	CHD & APPD	SSK & KRS
SL.NO. 03 INCLUDED				NOTES SL.NO. 2 MODIFIED.			

SECTION-AA



SECTION-AA

NOTES

- BREAK ALL SHARP CORNERS.
- HARD Cr. PLATING TO BE CARRIED OUT ON FINISHED SPLIT RINGS TO A THICKNESS OF 0.015 MM TO 0.03 MM.
- * FIX ONE CYLINDRICAL PIN $\phi 8 \times 55$ FOR ASSEMBLING WITH BODY AT THE TIME OF ASSEMBLY.

03	CYL PIN $\phi 8 \times 55$	-	-	-	-	0.01	-	BPS 41702	018
	-	92 203 433	ASTM A182 F91 NT, CERTIFY	QT	40	72.0	-	3-V-3311-24536	
02	CYL PIN $\phi 8 \times 55$	-	-	-	-	0.01	-	BPS 41702	018
	-	92 203 249	AISI 4140 CERTIFY.	QT	40	72.0	-	3-V-3316-24536	
01	CYL PIN $\phi 8 \times 55$	-	-	-	-	0.01	-	BPS 41702	018
	SUGGESTED SIZE PL68 -892 X 892	--	SA387 GR.22 CERTIFY.	NORMALISED & TEMPERED	20	71.99	333.6	3-V-3245-24536/1	
SL No.	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No COMP. CODE	ITEM No

TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT



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

DEPT
VL
CODE 320



SCALE

NTS

WEIGHT (KG).

72.0

REFERENCE INFORMATIONS

CAD : F324536

TITLE

SPLIT RING

CARD CODE

U 01

DRAWING NO.

3-V-0000-24536

REV

04

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6.3 / 1.6

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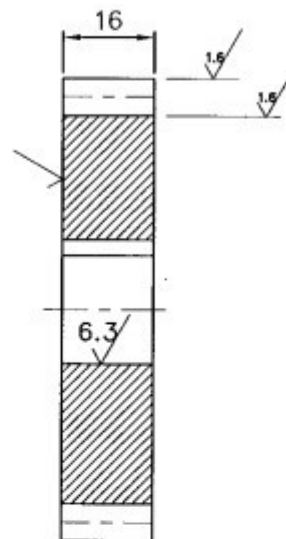
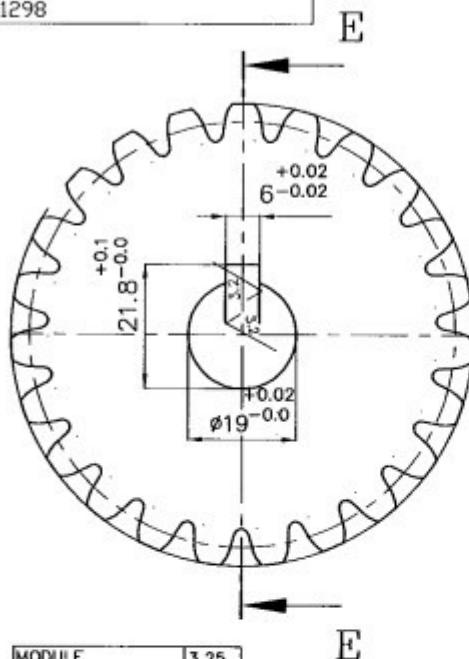
FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP/QP

ALL DIMENSIONS ARE IN MILLIMETRES.

REV	DATE	ALTERED
04	11.06.01	CHD & APPD
DRG. UPDATED AND REDRAWN.		

DCN:SB:1298

✓/12.6/ 6.3/ 3.2/ 1.6/



SECTION EE

MODULE	3.25
NO OF TEETH	23
PITCH DIAMETER	74.75
PRESSURE ANGLE	20°
WHOLE DEPTH OF TEETH	7.31
OUTSIDE DIMETER	81.25
TOOTH CLEARANCE	0.813
CETRE DISTACE	102.38

TOLERANCE ON GEAR BLANK
TIP DIAMETER 81.25 $\begin{smallmatrix} 0.00 \\ -0.05 \end{smallmatrix}$

RADIAL AND AXIAL RUN OUT OF
REFERENCE SURFACES = 0.0170

TOLERANCE OF GEAR:

TEETH RUN OUT = 0.063

TIR W.R.T.BORG

WIDTH ACROSS THREE TEETH = 25.03 $\begin{smallmatrix} -0.09 \\ -0.16 \end{smallmatrix}$

ALL OTHER TOLERANCE ARE TO BE
AS PER APPLICABLE QP/QCP

NOTES:-

1. FOR QUALITY REQUIREMENTS REFER APPLICABLE LATEST QUALITY PROCEDURE.

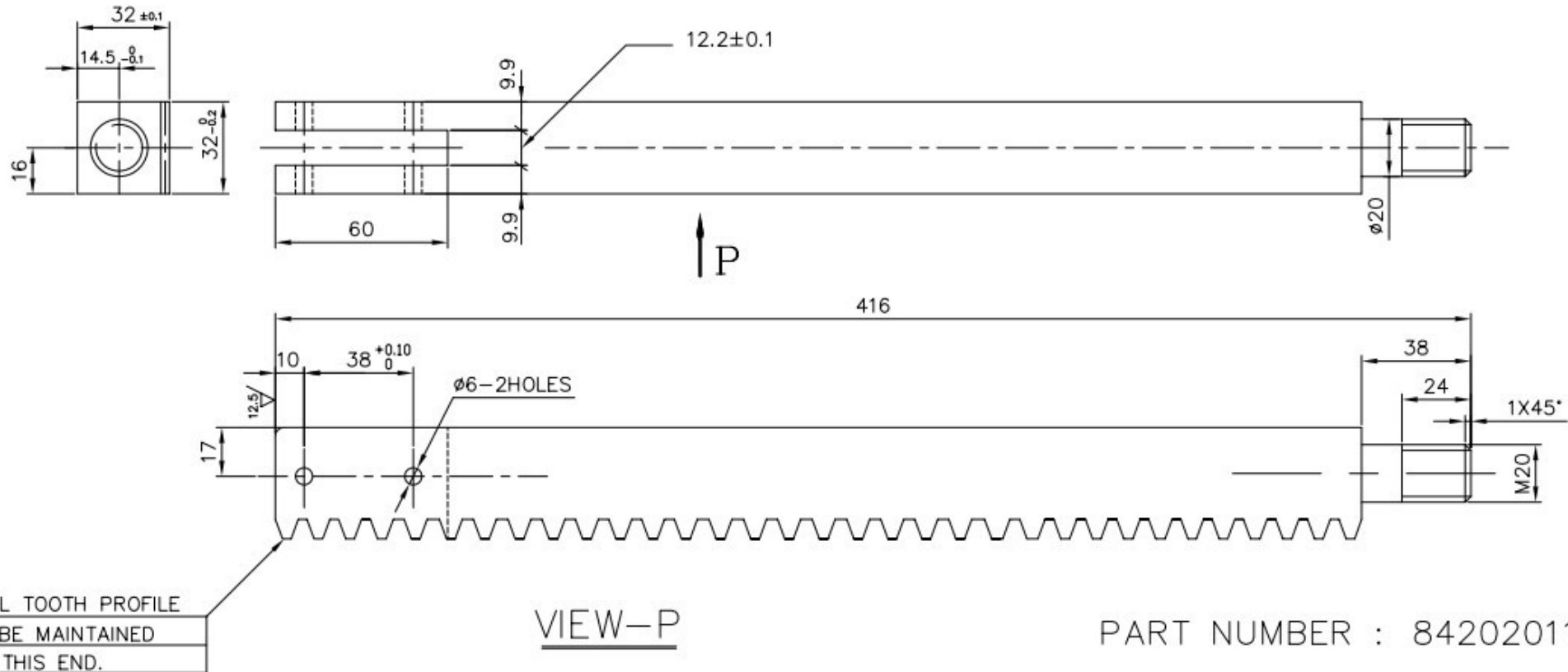
PART CODE : 842020114500

01	FORGING D 100X20	920377780000	IS 1875 CL IV			1.250			01
NO OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No	ITEM No
		BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI 620014.			DRN	NAME V. ARUMUGAM	SIGN	DATE	NO. OF VAR
365-122					CHD	K. SRIDHARAN			
					APPD	S. NATARAJAN			
DEPT SB		SCALE NTS		WEIGHT (KG). 1.250		REFERENCE INFORMATION T-13566			NO. OF ITEMS
CODE 330									
TITLE SPUR GEAR				CARD CODE U 01	DRAWING NO. 4-20-201-00252				REV 04

Size A4

3-20-201-00138
DRAWING NO.

6.3/ (12.5/)



NOTES: -

- FOR QUALITY REQUIREMENTS REFER LATEST APPLICABLE QUALITY PROCEDURES.

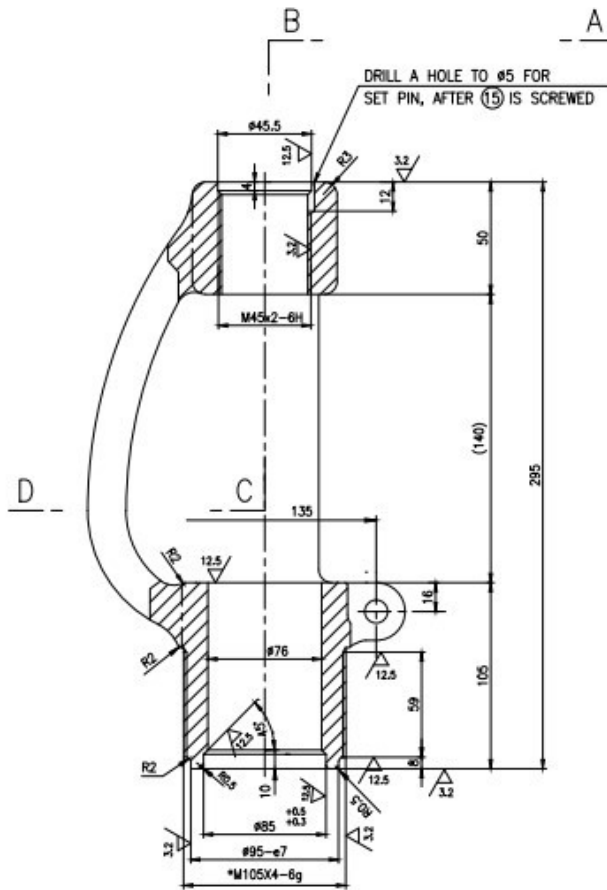
MODULE	3
PRESSURE ANGLE	20°
WHOLE DEPTH	6.75

REV	DATE	ALTERED	K.S.
11	26.06.06	CHD & APPD	S.N.
DRG. UPDATED AND REDRAWN.			
DCN: 800547 Dt.02.01.06			

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01	ROUND Ø50MM	15 339 142	SA 105				3.680		01
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.				DRN	NAME S.NAPPI	SIGN S.N.	DATE 26.06.06	NO.OF VAR.	
UNIT: HIGH PRESSURE BOILER PLANT.				CHD	K.SRIDHARAN	K.S.	26.06.06		
TIRUCHIRAPALLI-620014.				APPD	S.NATARAJAN	S.N.	26.06.06		
DEPT VL			SCALE NTS	WEIGHT (KG).	REFERENCE INFORMATION				NO OF ITEMS
CODE 330				3.680					
TITLE					CARD CODE	DRAWING NO.			REV
RACK					U 01	3-20-201-00138			11

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



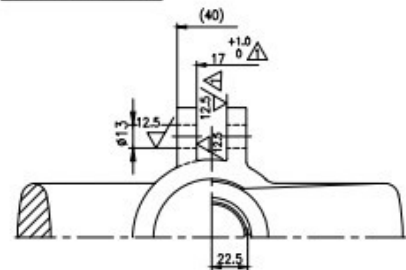
12 $\nabla / \nabla^{12.5} \nabla^{3.2}$

#95-e7	-0.072
	-0.107

NOTES:

- * 1. NI PLATING TO A THICKNESS OF 25 TO 35 MICRONS.
2. LATEST APPLICABLE QUALITY WORK INSTRUCTION SHALL BE FOLLOWED IN ALL RESPECTS.

SECTION ABCD



02	2-V-G047-15154/3	A217 WC6, NT PRODUCT ATTEST	931121170000	20					
01	2-V-G045-15154/3	A216 WCB, AN PRODUCT ATTEST	931121180000	10					
SL NO.	DRAWING NO.	MATL. SPECNL.	COMP. CODE	SCRAP SORT					
No OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET (Lb)	GROSS (Lb)	DRAWING No	ITEM No

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.

REDRAWN WITH REV.1 ON 24.10.13

REV	DATE	ALTERED	CR
3	24.10.13	CHD & APPD	SSK & KRS

ZONE

+1.0 12.5 /
DIMENSION 17 0 &  INCLUDED

DCP No.801630

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		 BHARAT HEAVY ELECTRICALS LTD., UNIT: HIGH PRESSURE BOILER PLANT, TIRUCHIRAPPALLI - 620014.		DRN	NAME CHITRANJAN	SIGN	DAY 24.10.
365-120				CHD	S.SATHEES		24.10.13
				APPD	K.RAJASEKARAN		24.10.13
DEPT	VL		SCALE	WEIGHT (KG).	REFERENCE INFORMATION		
CODE	320	N T S		8.78			
TITLE				CARD CODE	DRAWING NO.		
YOKE				U 01	2-V-0000-1515		
80/1500CLASS							

S.No	Gr. No	Job/Component Description	Description of Valve/ Product (Used in)	Special Process
1	G2232	LOCK PIN-40021200	Wall Blower	Heat Treat to RC27 Cadmium Plating
2	G2193	SPINDLE SLEEVE-30015200	Wall Blower	Cadmium Plating
3	G2206	COVER PLATE-40012400	Wall Blower	Cadmium Plating
4	G2223	SPRING RETAINER-40019300	Wall Blower	Cadmium Plating
5	G2234	SWITCH MOUNT BRT-40024500	Wall Blower	Cadmium Plating
6	G2247	CAM-40079700	Wall Blower	Cadmium Plating
7	G2208	SHAFT COLLAR-40026100	Wall Blower	Galvanizing
8	G2186	WORM SHAFT-30015100	Wall Blower	to be phosphated
9	G2344	BASE PLATE-40159600	NOZZLE SETG.FIXT-30072500	to be phosphated
10	G2238	FLAT WASHER-40013000	Wall Blower	to be phosphated
11	G2204	GLAND PLATE-40011900	Wall Blower	to be phosphated
12	G2306	Stem	2.5-C1500-GLV/GNV-HO/MO-WCC	Chrome Plating
13	G2307b	Stem	3-C1500-GLV/GNV-BW-HO/MO-WCB	Chrome Plating
14	G2307	Stem	4-C1500-GLV/GNV-BW-HO/MO-WCB	Chrome Plating
15	G2346	Stem Machining	5-C1500-GLV-BW-MO-WC9	Chrome Plating
16	G1402	STEM (with Hard Chrome Plating)	10-C150-GV-WC6	Chrome Plating
17	G1405	STEM (with Hard Chrome Plating)	10-C300-GV-WC9	Chrome Plating
18	G1410	STEM (with Hard Chrome Plating)	12-C300-GV-WC9/WC6	Chrome Plating
19	G1414	STEM (with Hard Chrome Plating)	14-C300-GV-WC9	Chrome Plating
20	G1418	STEM (with Hard Chrome Plating)	16-C300-GV-WC9	Chrome Plating
21	G1428	STEM (with Hard Chrome Plating)	2-C300-RV/SV-WC6	Chrome Plating
22	G1442	STEM (with Hard Chrome Plating)	3-C300-RV/SV-WC6	Chrome Plating
23	G1447	STEM (with Hard Chrome Plating)	4-C150-GV-WC9	Chrome Plating
24	G1450	STEM (with Hard Chrome Plating)	4-C300-GV-WC6/WC9	Chrome Plating
25	G1453	STEM (with Hard Chrome Plating)	4-C300-RV/SV-WC6/WC9	Chrome Plating
26	G1469	STEM (with Hard Chrome Plating)	8-C150-GV-WC6/WC9	Chrome Plating
27	G1473	STEM (with Hard Chrome Plating)	8-C300-GV-WC9	Chrome Plating
28	G1458	STEM (with Hard Chrome Plating)	6-C150-GV-WC9	Chrome Plating
29	G1462	STEM (with Hard Chrome Plating)	6-C300-GV-WC6	Chrome Plating
30	G1465	STEM (with Hard Chrome Plating)	6-C300-RV/SV-WC9/WC6	Chrome Plating
31	G2530	Split Ring Assy-3200/3396	450/500-C500-CRHIV-BW-WCB/WCC/WC9	Chrome Plating
32	G2531	Split Ring Assy-3208/3390	550-C900-HRHIV-BW-WC9/C12A	Chrome Plating
33	G2425a	SPLIT RING ASSY	700-C600-CRHIV-BW-WCC	Chrome Plating
34	G2425	SPLIT RING ASSY-3245/3316	750-C600-CRHIV-BW-WCC	Chrome Plating
35	G2195	SWIVEL TUBE D60.3X4.8-30069900 (Chrome plating length - 1088mm Total length - 1218mm)	Wall Blower	Chrome Plating

S.No	Gr. No	Job/Component Description	Description of Valve/ Product (Used in)	Special Process
36	G2195a	EXT. SWIVEL TUBE D60.3X4.8-30208600 (Chrome plating length - 1488 mm Total length - 1618 mm)	Wall Blower	Chrome Plating
37	G2195b	EXT. SWIVEL TUBE D60.3X4.8-30212301 (Chrome plating length - 2088 mm Total length - 2218 mm)	Wall Blower	Chrome Plating
38	G2195a	EXT. SWIVEL TUBE D60.3X4.8-30212301 (Chrome plating length - 1388 mm Total length - 1518 mm)	Wall Blower	Chrome Plating
39	G2195a	EXT. SWIVEL TUBE D60.3X4.8-30212303 (Chrome plating length - 1575 mm Total length - 1705 mm)	Wall Blower	Chrome Plating
40	G2224	GUIDE ROD-40019500	Wall Blower	Chrome Plating
41	G2235	THRUST WASHER-40025000	Wall Blower	Case Hardening to RC 40-45
42	G2179	WORM-30011901	Wall Blower	Case Hardening to RC 60-66
43	G2181	WORM L.H-30011902	Wall Blower	Case Hardening to RC 60-66
44	G2325a	Sunk Key	2.5/3-C1500-GLV/GNV-BW- WCC/WCB/WC9	Hardness required is min 240 BHN
45	G2325b	Sunk Key	4-C1500-GLV-BW-HO-WCB	Hardness required is min 240 BHN
46	G1486	SUNK KEY-W057	Extension spindle valves	
47	G2178	VALVE STEM CAP-40019800	Wall Blower	Heat Treat to 38-41 HRC
48	G2183	RAMP CAM-30013700	Wall Blower	Heat Treat to 50-55 RC
49	G2185	CAM SHAFT COLLAR-30014700	Wall Blower	Heat Treat to HRC 28
50	G2189	WORM GEAR SHAFT-30015500	Wall Blower	Heat Treat to RC 40-44
51	G2493	Orifice Plate		
52		KEY-40114200	SPECIAL KEY-40114100 (842099634400)	
53	G2308	Yoke Machining	2.5-C1500-GLV-HO/MO- WCC/WCB/WC9	Nickel Plating
54	G2345	Yoke Machining	3-C1500-GLV-BW-HO-WC9	
55	G2309	Yoke Machining	4-C1500-GLV-HO/MO- WCC/WCB/WC9	Nickel Plating
56	G2311a	Disc Final	2.5-C1500-GLV-BW-HO-WC9	Tufftriding/ Liquid nitriding
57	G2311b	Disc Final	3-C1500-GLV-BW-HO-WC9	Tufftriding/ Liquid nitriding
58	G2311j	Disc Final	3-C3500-GLV-BW-MO-WC9	Tufftriding/ Liquid nitriding
59	G2311c	Disc Final	4-C1500-GLV-BW-HO-WCB	Tufftriding/ Liquid nitriding
60	G2311k	Disc Final	6-C3500-GLV-BW-MO-WC9	Tufftriding/ Liquid nitriding

S.No	Gr. No	Job/Component Description	Description of Valve/ Product (Used in)	Special Process
61	G2311i	Disc Final	6-C2500-GLV-BW-MO-WCC	Liquid Nitriding
62	G2316a	Disc Nut	2.5-C1500-GLV-BW-HO-WC9	Tufftriding/ Liquid nitriding
63	G2316b	Disc Nut	3-C1500-GLV-BW-HO-WC9	Tufftriding/ Liquid nitriding
64	G2316c	Disc Nut	4-C1500-GLV-BW-HO-WCB	Tufftriding/ Liquid nitriding
65	G2316d	Disc Nut	5-C1500-GLV-BW-GO-WC9	Tufftriding/ Liquid nitriding
66	G2317	WASHER-0009	2.5-C1500-GNV-BW-HO-WCC	Liquid Nitriding
67	G2317	WASHER-0010	3-C1500-GNV-BW-HO-WCC	Liquid Nitriding
68	G2317	WASHER-0012	4-C1500-GLV-BW-HO-WCB	Liquid Nitriding
69	G2317	WASHER-0014	5-C1500-GNV-BW-MO-WC9	Liquid Nitriding