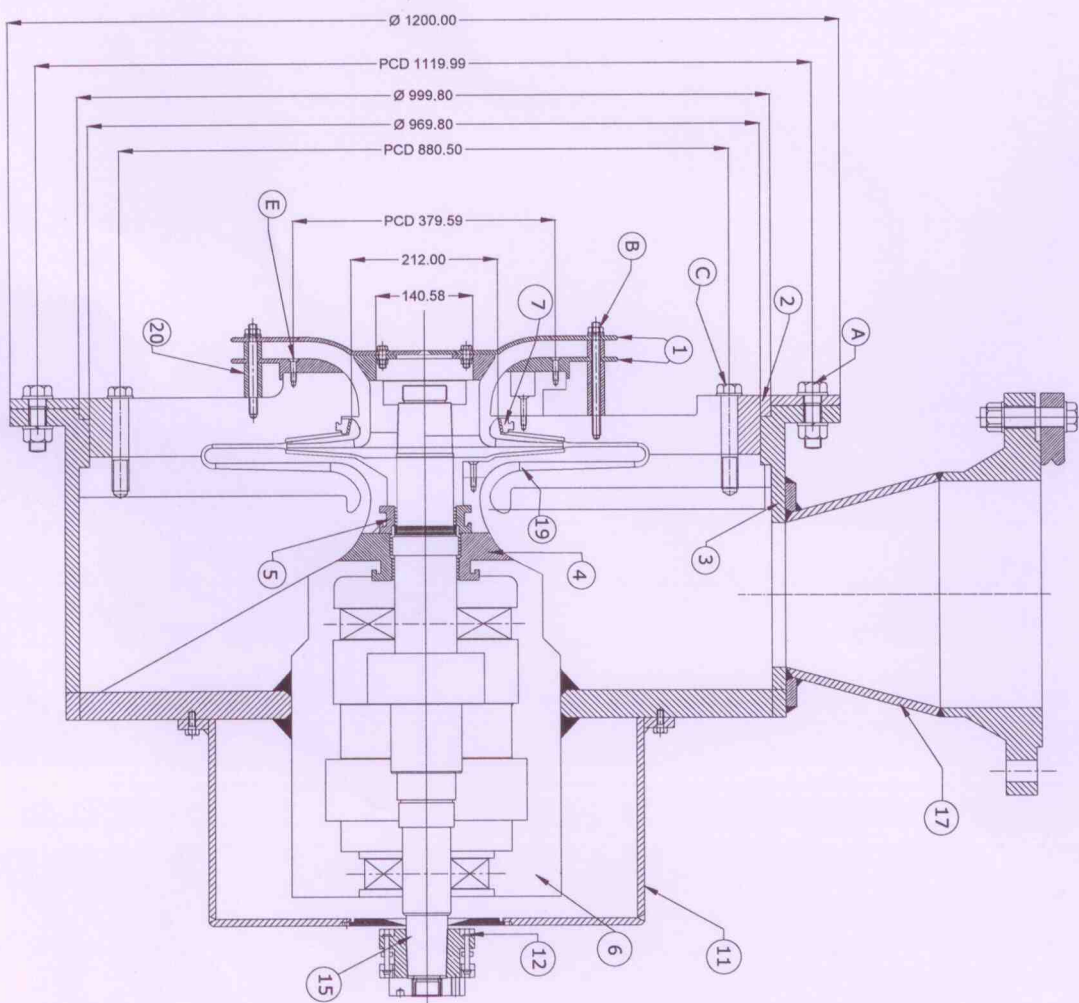


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- NOTE :
- 1) IN CASE OF DOUBT, DON'T ASSUME, PLEASE ASK.
 - 2) GENERAL TOLERANCE WHERE IT IS NOT SPECIFIED IS ± 0.1 .
 - 3) GENERAL SURFACE FINISH WHERE IT IS NOT MENTIONED IS 1.6 MICRONS.
 - 4) ALL MECHANICAL SEALS ARE HORIZONTAL SPLIT SEALS.

- NOTE :
1. ALL DIAPHRAGMS SHOULD BE MADE OF 2062-FE-410-W
 2. ALL LABYRINTH SEALS SHOULD BE MADE OF AVIONAL - 14.
 3. ELLIPTICAL ARC USED IN THIS DRG. AT INLET FOR GENERATING FLOW PATH THE SAME HAS TO BE USED FOR MANUFACTURING THE COMPONENTS

ITEM NO	DESIGNATION	SIZE	QTY.
F	HEX. HEADED SCREWS	M12 X 103 L	20
E	COUNTER SUNK SCREW	M8 X 40 L	10
C	HEEX. HEADED BOLTS	M24 X 150L	10
B	STUD BOLTS	M12 X 170 L	10
A	HEX. HEADED BOLTS	M24 X 100 L	10

FASTENER LIST

ITEM	DESCRIPTION	DRAWING NO	No. of Smt.	REV.	MATERIAL
20	SLEEVES FOR INLET CASING	RD DG 3 TM 13 913	1	NEW	IS : 2062 FE 410 W
19	RETURN CHANNEL VANES	RD DG 3 TM 13 910	1	NEW	IS : 2062 FE 410 W
17	DISCHARGE NOZZLE	RD DG 3 TM 07 0060	2	OLD	
15	SHAFT	RD DG 3 TM 07 0071	1	OLD	
14	DIAPHRAGM PART-2	RD DG 3 TM 13 904	1	NEW	IS : 2062 FE 410 W
12	COUPLING	RD DG 3 TM 06 0056	1	OLD	
11	BEARING HSG. END COVER	RD DG 3 TM 13 900	1	OLD	
10	IMPELLER	RD DG 3 TM 13 903	2	NEW	IS : 2062 FE 410 W
09	DIAPHRAGM PART-1	RD DG 3 TM 13 912	1	NEW	AVIONAL 14
07	SEAL ON IMPELLER	RD DG 3 TM 07 0054	1	OLD	
06	BEARING HOUSING	RD DG 3 TM 13 909	2	NEW	AVIONAL 14
05	SEAL ON SHAFT	RD DG 3 TM 13 911	2	NEW	AVIONAL 14
04	SEAL ON BEARING HSG.	RD DG 3 TM 07 0054	1	OLD	
03	CASING	RD DG 3 TM 13 905	01	NEW	IS : 2062 FE 410 W
02	DIAPHRAGM PART-3	RD DG 3 TM 13 906	1	NEW	IS : 2062 FE 410 W
01	SUCTION CASING ASSEMBLY	RD DG 3 TM 13 906	1	NEW	IS : 2062 FE 410 W

TYPE OF PRODUCT
NAME OF CUSTOMER/PROJECT

PERFORMANCE TESTING OF 400 MM DIA IMPELLER
STAGE

DEPT.	CODE	TM	SCALE	NTS	WEIGHT(Kg)	REF. TO ASSY DRG.	ITEM NO.	NO. OF ITEMS
BHARAT HEAVY ELECTRICALS LIMITED	050							
Corp. R&D Division, Vikasnagar								
HYDERABAD - 500 093								
APPRO.								
CHD.								
RAJEEV								
DATE								
20.05.17								
VAR.								
DRAWING NO.								
RD DG 3 TM 17 200								
REV								
0								
SHEET NO.								
01								
NO OF SHEETS								
01								