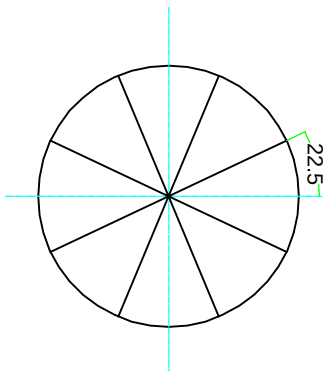
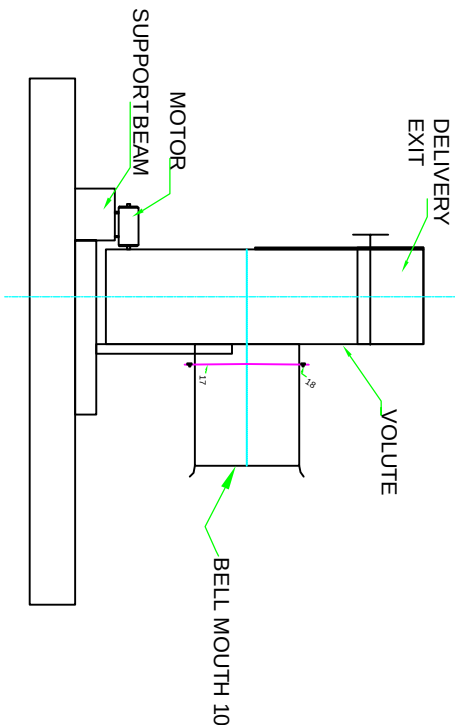


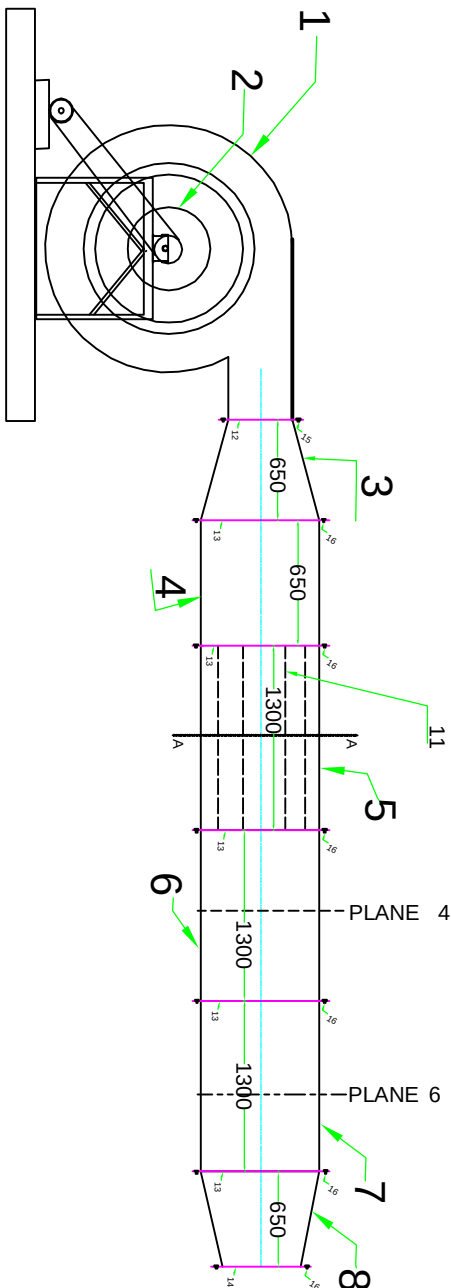
SECTION-AA



NOTE:

1. 3MM THICK RUBBER GASKETS SUITING TO RESPECTIVE IDS & ODS SHOULD BE PROVIDED FOR ITEM NOS : 12, 13, 15 & 17

FAN WITH TEST TRACK ARRANGEMENT



ITEM NO.	DESCRIPTION	STD	DRAWING NO.	IT NO.	VAR.	MATL. CODE	MATL. SPEC.	QTY.	UNIT	QTY.	ZONE
008	HEX BOLT & NUT M10					CHROME PLATED		12			
007	CIRCULAR FLANGE 51TK.X004.68X00536					MS		3 KG			
006	HEX BOLT & NUT M10					CHROME PLATED		72			
005	HEX BOLT & NUT M10					CHROME PLATED		12			
004	CIRCULAR FLANGE 51TK.X004.36X00536					MS		3 KG			
003	CIRCULAR FLANGE 51TK.X005.68X00756					MS		4.4 KG			
002	RECTANGULAR FLANGE 51TK.X50X436					MS		10			
001	RIB 31TK.X30X146					MS		3.6 KG			
000	BELL MOUTH 31TK.X30X146					MS		1			
009	REDUCER 31TK.X45X106					MS		19.8 KG			
008	STRAIGHT PIPE 3 31TK.X190X106					MS		8			
007	STRAIGHT PIPE 2 31TK.X190X106					MS		36.2 KG			
006	FLOW STRAIGHTENER 31TK.X300X106					MS		34. KG			
005	STRAIGHT PIPE 1 31TK.X45X106					MS		71.2 KG			
004	TRANSITION DUCT 31TK.X45X106					MS		71.2 KG			
003	WPELLER					MS		151 KG			
002	VOLUME					MS		40.2 KG			
001						MS		35 KG			

DRG. NO. 3-17-018-45-004

COMP. FILE NAME THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

REF.DRG.NO.

INVENTORY NO.

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RECTANGULAR FLANGE (3)

NOTE:

1. 12 HOLES of DIA. 12MM SHOULD BE PROVIDED SUITING TO EXISTING DUCT

2. 24 NO. M10 CHROME PLATED NUTS & BOLTS SHOULD BE PROVIDED

3. ONE 3MM THICK RUBBER GASKET SHOULD BE PROVIDED

VAR NO	ITEM NO	DESCRIPTION	DRAWING NO	ITEM NO	MATL CODE	UNIT WEIGHT
				VAR NO	MATL SPECN	QTY
	3	RECTANGULAR FLANGE 5TK.X50			MS	3.4 KG
	2	Circular Flange 5 TK.XID656XOD756			MS	4.4 KG
	1	3X650x756			MS	27.2 KG

TYPE OF PRODUCT

NAME OF CUSTOMER/PROJECT

BHARAT HEAVY ELECTRICALS LTD.
CORPORATE R&D, VIKASNAGAR

DEPT. HTF

CODE 45

SCALE NTS

WEIGHT(Kg) 35.0

REF. TO ASSY DRG. 3-17-018-45-001

ITEM NO.

NO.OF ITEMS

DRAWING NO. 3-17-018-45-004

SHEET NO. 01

01 OF SHEETS 01

REV. 00

12 HOLES OF DIA. 12MM EQUISPACED ON P.C.D 690MM

DRG. NO. 3-17-018-45-005

COMP. FILE NAME
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REF. DRG. NO.

INVENTORY NO.

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DRG. NO. 3-17-018-45-006																																																																																																		
COMP. FILE NAME REF. DRG. NO. INVENTORY NO.	1300 756 5 (1) 8 RIBS WITH 3MM THICK X ID 650 X 1300 45° 3 (3) Ø756 Ø650 Ø12 (2)																																																																																																	
	NOTE: 1. 12 HOLES WITH DIA. 12MM EQUISPACED ON P.C.D 690MM 2. 12 M10 CHROME PLATED NUTS & BOLTS SHOULD BE PROVIDED 3. ONE 3MM THICK RUBBER GASKET SHOULD BE PROVIDED																																																																																																	
	<table><tr><td></td><td>3</td><td>RIBS 3 TK X ID 650 X 1300</td><td></td><td></td><td></td><td>19.8 KG</td></tr><tr><td></td><td></td><td></td><td></td><td>MS</td><td></td><td>8</td></tr><tr><td></td><td>2</td><td>CIRCULAR FLANGE 5TK X ID 656 X OD 756</td><td></td><td></td><td></td><td>4.4 KG</td></tr><tr><td></td><td></td><td></td><td></td><td>MS</td><td></td><td>2</td></tr><tr><td></td><td>1</td><td>3TK X ID 650 x 1300</td><td></td><td></td><td></td><td>63 KG</td></tr><tr><td></td><td></td><td></td><td></td><td>MS</td><td></td><td>1</td></tr><tr><td>VAR NO</td><td>ITEM NO</td><td>DESCRIPTION</td><td>DRAWING NO</td><td>ITEM NO</td><td>MATL CODE</td><td>UNIT WEIGHT</td></tr><tr><td></td><td></td><td></td><td></td><td>VAR NO</td><td>MATL SPECN</td><td>QTY</td></tr></table>													3	RIBS 3 TK X ID 650 X 1300				19.8 KG					MS		8		2	CIRCULAR FLANGE 5TK X ID 656 X OD 756				4.4 KG					MS		2		1	3TK X ID 650 x 1300				63 KG					MS		1	VAR NO	ITEM NO	DESCRIPTION	DRAWING NO	ITEM NO	MATL CODE	UNIT WEIGHT					VAR NO	MATL SPECN	QTY																														
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<table><tr><td colspan="6">TYPE OF PRODUCT</td></tr><tr><td colspan="6">NAME OF CUSTOMER/PROJECT</td></tr><tr><td colspan="4"> बी एच ई एल BHEL BHARAT HEAVY ELECTRICALS LTD. CORPORATE R&D, VIKASNAGAR </td><td>DRN.</td><td>NAME</td><td>SIGN.</td><td>DATE</td><td rowspan="3">NO.OF VAR.</td></tr><tr><td colspan="4"></td><td>CHD.</td><td>D.PAVITRAN</td><td></td><td>10/11/17</td></tr><tr><td colspan="4"></td><td>APPD.</td><td>MD MURTHY</td><td></td><td>10/11/17</td></tr><tr><td>DEPT.</td><td>HTF</td><td></td><td></td><td>SCALE</td><td>WEIGHT(Kg)</td><td colspan="2">REF. TO ASSY DRG.</td><td>ITEM NO.</td><td>NO.OF ITEMS</td></tr><tr><td>CODE</td><td>45</td><td></td><td></td><td>NTS</td><td>151</td><td colspan="2">3-17-018-45-001</td><td></td><td></td></tr><tr><td colspan="6">TITLE : FLOW STRAIGHTNER</td><td colspan="2">DRAWING NO.</td><td colspan="2">REV.</td></tr><tr><td colspan="6"></td><td colspan="2">3-17-018-45-006</td><td colspan="2">00</td></tr><tr><td colspan="6"></td><td colspan="2">SHEET NO. 01</td><td colspan="2">01 OF SHEETS 01</td></tr></table>												TYPE OF PRODUCT						NAME OF CUSTOMER/PROJECT						बी एच ई एल BHEL BHARAT HEAVY ELECTRICALS LTD. CORPORATE R&D, VIKASNAGAR				DRN.	NAME	SIGN.	DATE	NO.OF VAR.					CHD.	D.PAVITRAN		10/11/17					APPD.	MD MURTHY		10/11/17	DEPT.	HTF			SCALE	WEIGHT(Kg)	REF. TO ASSY DRG.		ITEM NO.	NO.OF ITEMS	CODE	45			NTS	151	3-17-018-45-001				TITLE : FLOW STRAIGHTNER						DRAWING NO.		REV.								3-17-018-45-006		00								SHEET NO. 01		01 OF SHEETS 01	
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[illegible]

DRG. NO. 3-17-018-45-008 INVENTORY NO.		REF.DRG.NO. COMP. FILE NAME		INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY. DRG. NO. 3-17-018-45-008	2 3 4 5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	31 32	33 34	35 36	37 38	39 40	41 42	43 44	45 46	47 48	49 50	51 52	53 54	55 56	57 58	59 60	61 62	63 64	65 66	67 68	69 70	71 72	73 74	75 76	77 78	79 80	81 82	83 84	85 86	87 88	89 90	91 92	93 94	95 96	97 98	99 100	101 102	103 104	105 106	107 108	109 110	111 112	113 114	115 116	117 118	119 120	121 122	123 124	125 126	127 128	129 130	131 132	133 134	135 136	137 138	139 140	141 142	143 144	145 146	147 148	149 150	151 152	153 154	155 156	157 158	159 160	161 162	163 164	165 166	167 168	169 170
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DRG. NO. 3-17-018-45-009

COMP. FILE NAME THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

REF. DRG. NO.

INVENTORY NO.

(1)

650

756

536

5

(2)

690

156

12

NOTE:

1. 12 HOLES WITH DIA. 12MM EQUISPACED ON P.C.D 690MM

2. 12 NO. M10 CHROME PLATED NUTS & BOLTS SHOULD BE PROVIDED.

3. ONE 3MM THICK RUBBER GASKET (ID 436 X OD 536) SHOULD BE PROVIDED

	3	CIRCULAR FLANGE 5TK X ID 436 X ID 536			MS	3.0 KG
	2	CIRCULAR FLANGE 5TK X ID 656 X OD 756			MS	4.4 KG
	1	3TK X ID 650x ID 536			MS	26.6 KG
VAR NO	ITEM NO	DESCRIPTION	DRAWING NO	ITEM NO	MATL CODE	UNIT WEIGHT
				VAR NO	MATL SPECN	QTY

(3)

430

536

TYPE OF PRODUCT

NAME OF CUSTOMER/PROJECT

BHARAT HEAVY ELECTRICALS LTD.
CORPORATE R&D, VIKASNAGAR

DEPT. HTF

SCALE NTS

WEIGHT(Kg) 34

REF. TO ASSY DRG. 3-17-018-45-001

ITEM NO.

NO.OF ITEMS

DRAWING NO. 3-17-018-45-009

SHEET NO. 01 01 OF SHEETS 01

REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED
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COMP. FILE NAME THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.		(1)													
		(2)													
		NOTE: 1. 12MMHOLES SHOULD BE PROVIDED ON FLANGE SUITING TO EXISTING CIRCULAR DUCT 2. 12 NO. M10 CHROME PLATED NUTS & BOLTS SHOULD BE PROVIDED 3. ONE 3MM RUBBER GASKET (ID 426 X OD 526) SHOULD BE PROVIDED													
		2		CIRCULAR FLANGE 5TK X ID 426 X OD 526								3.0 KG			
		1		3TK X ID 420x 420								13 KG			
VAR NO		ITEM NO		DESCRIPTION		DRAWING NO		ITEM NO		MATL CODE		UNIT WEIGHT			
								VAR NO		MATL SPECN		QTY			
INVENTORY NO.		TYPE OF PRODUCT													
		NAME OF CUSTOMER/PROJECT													
		BHARAT HEAVY ELECTRICALS LTD. CORPORATE R&D, VIKASNAGAR													
		DEPT. HTF				SCALE NTS		WEIGHT(Kg) 16.2		REF. TO ASSY DRG. 3-17-018-45-001		ITEM NO.		NO.OF ITEMS	
		CODE 45													
REV. DATE		ALTERED		REV. DATE		ALTERED		REV. DATE		ALTERED		REV. DATE		ALTERED	
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