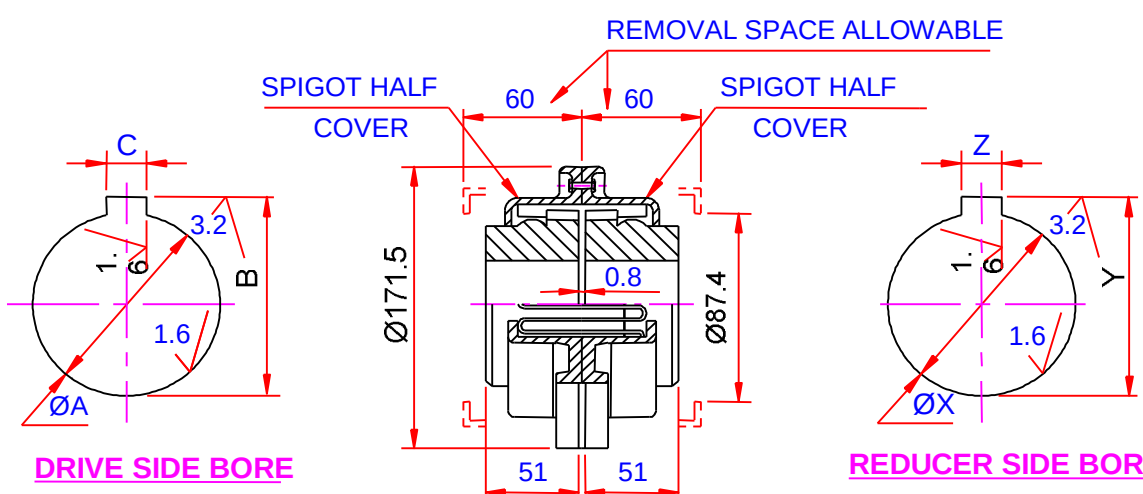


		Bharat Heavy Electricals Ltd Boiler Auxiliaries Plant Ranipet - 632 406		EDC / AIR PREHEATERS TECHNICAL SPECIFICATION Effective Date: 12.06.2021	
Specification No : APSQ – 050			Rev. No : 07		Page No : 01 of 02
01.	Item	RESILIENT GRID TYPE COUPLINGS			
02.	Material code(s)	Refer page 02 of 02			
03.	Application	Used in Drive assembly of Regenerative Air Preheaters.			
04.	Size and type	a) For Wellman Incandescent : 124 - A b) For GBM Manufacturers : 104 - Z c) For Select-n-Drive : R21 - V			
05.	Duty cycle	Continuous, 24 Hours a day			
06.	Shaft orientation	Horizontal			
07.	Driving equipment	Air motor / Electrical motor			
08.	Driven equipment	Air Preheater Gear Reducer.			
09.	Maximum torque	2 times of full load torque			
10.	GENERAL a) The coupling shall be supplied with finished bore and keyway.				
11.	INSPECTION a) Inspection by BHEL. b) Necessary Compliance Certificates shall be submitted.				
07	12.06.21	(Sd) VMR	(Sd) SCH	(Sd) SCH	Drawing updated.
06	06.02.17	(Sd) VMR	(Sd) SCH	(Sd) RSB	Reviewed & re-affirmed.
05	11-11-09	(Sd) GBH	(Sd) PPS	(Sd) PPS	New Material code 12l added.
04	24-08-09	(Sd) GA	(Sd) PPS	(Sd) PPS	New Material codes added.
03	26.03.08	(Sd) RR	(Sd) PPS	(Sd) GRV	New Vendor model included.
02	01.03.04	(Sd) RR	(Sd) PPS	(Sd) GRV	New MC included.
01	20.04.02	(Sd) RR	(Sd) PPS	(Sd) GRV	New MC included; page modified
00	05.07.93	(Sd) GA	(Sd) PPS	(Sd) RSM	FRESH ISSUE
Rev.No	Date	Prepared	Checked	Approved	Record of Revisions.

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12.	Dimensions, Bore & Keyway details.								
 Tolerance for untolerenced dimensions are as per Medium Class of IS 2102 Part I (latest revision). All Dimensions are in mm unless otherwise specified.									
	Material Code	Driving Equipment	Driven Equipment	ØA	B	C	ØX	Y	Z
a.	96 134 340 0000								
b.	96 134 341 0000								
c.	96 134 342 0000								
d.	96 134 343 0000								
e.	96 134 125 0000								
f.	96 134 025 0000								
g.	96 134 154 0000								
h.	96 134 344 0000								
i.	96 134 155 0000	IPM 400 / 5.5 :1 Air Motor	Type III	39.725 39.700	43.100 43.000	12.021 11.979	20.021 20.000	22.400 22.300	5.015 4.985
j.	96 134 314 0000								
k.	96 134 322 0000								
l.	96 134 156 0000								