

PSGSG 19- 20/023 REV.00	SPECIFICATIONS FOR		PRODUCT	GSM 420
	Gear Box		DATE	28/05/2020
	DESCRIPTION		CONFIRMATION BY VENDOR	COMMENTS / DEVIATIONS
1.0	APPLICATION:			
	For controlling speed of the DS-ES drive mechanism.		YES/NO	
2.0	Scope of Supply:			
	Gear box assembly with double input and double output arrangement.		YES/NO	
3.0	SPECIFICATION:			
3.1	Sl.no.	Parameter	Values	
	1	Gear ratio	25:1	YES/NO
	2	Input type	Double	YES/NO
	3	Output type	Double	YES/NO
	4	Input shaft size (mm)	dia. 16 ± 2 x 48 ± 2 (L) with a keyway	YES/NO
	4	Output shaft size (mm)	dia. 25 ± 2 x 58 ± 2 (L) with a keyway	YES/NO
	5	Fan	Not required	YES/NO
	6	Overall dimensions (mm)	340 ± 10 % x 200 ± 10 % x 200 ± 10 %	
	7	Accessories	Accessories if any shall be supplied along with the gearbox.	YES/NO
4.0	The input and output shafts shall be provided in perpendicular planes for proper fixing and assembly.		YES/NO	
5.0	Suitable Keyway shall be provided in shaft as per IS:2048		YES/NO	
6.0	The gearbox assembly shall be a stand alone module with all required component. It shall have proper mounting arrangement on the structure.		YES/NO	
7.0	The gear box assembly shall also provide fixing arrangement for the drive motors at the input shaft side.		YES/NO	
8.0	Supplier shall provide detailed drawing of gear box showing double input and output arrangement to check the suitability with the BHEL requirement.		YES/NO	
9.0	Supplier shall provide dimension and performance test certificate of the gear box with the supply of material.		YES/NO	
10.0	GENERAL :			
	In case of doubts in drawings or specifications the supplier shall contact BHEL for clarifications.		YES/NO	