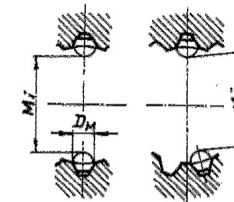
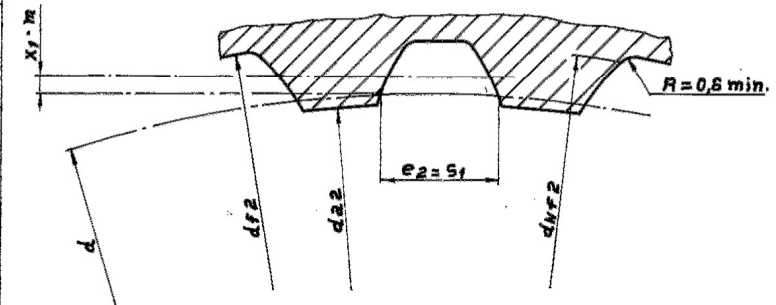


SL. No.	DATA	SRM-300		SRM-380	
		N100x4x7H C.HUB	N110x4x7H B.GEAR	N120x4x7H C.HUB	N130x4x7H B.GEAR
1	REFERENCE DIAMETER	100	110	120	130
2	No. OF SPLINES	24	26	28	31
3	PITCH CIRCLE DIAMETER d	96	104	112	124
4	BASE DIAMETER d_b	83,138	90,067	96,995	107,387
5	MAJOR DIAMETER d_{f2}	100	110	120	130
6	MINOR DIAMETER d_{a2} H11	92	102	112	122
7	FORM DIAMETER d_{nf2}	99,28 min.	109,29 min.	119,29	129,29 min.
8	EXTERNAL ADDENDUM MODIFICATION $x_1 \cdot m$	-0,2	+0,8	+1,8	+0,8
9	SPLINE WIDTH $e_2 = S_1$	6,052	7,207	8,362	7,207
10	PIN DIAMETER D_M	7	7	7	7
11	DIMENSION OVER PINS M_i NORMAL	85,243	95,447	105,48	115,296
12	" " " M_i min.	85,273	95,478	105,509	115,327
13	" " " M_i max.	85,323	95,529	105,557	115,377
14	ALLOWANCE FACTOR A_{mi}	2	1,82	1,71	1,8
15	CONCENTRICITY ERROR	0,020	0,022	0,022	0,022
16	DIRECTIONAL ERROR OF SPLINE FLANK	0,027	0,027	0,027	0,027/100

MODULE 4



TOLERANCE FIELD : 7H

FOR FURTHER DATA REFER DIN 5480 PART 9

COUPLING HUB 30.ST.115.02.050&073
BEVEL GEAR 10.ST.115.01.045& 20.ST.115.02.188

		Bharat Heavy Electricals Ltd.,		DRN.	NAME	SIGN	DATE	NO. OF
		SEAMLESS STEEL TUBE PLANT TIRUCHIRAPALLI-620 014		GHQ	R. Kumar		3.10.80	ITEMS
REV. 01 131080		DEPT.		GRADE OF UNTOLO DIM C/M/F	SCALE		WEIGHT (Kg)	REF. TO ASSY/OLD DRG.
DATA FOR COUPLING HUB N100x4x7H & N120x4x7H ADDED		DEPT.		GRADE OF UNTOLO DIM C/M/F	SCALE		WEIGHT (Kg)	REF. TO ASSY/OLD DRG.
TITLE INVOLUTE SPLINES DATA (FOR COUPLING HUB & BEVEL GEAR)		DEPT.		GRADE OF UNTOLO DIM C/M/F	SCALE		WEIGHT (Kg)	REF. TO ASSY/OLD DRG.
CARD CODE		DRAWING NO.		REV.				
30.ST.115.01.236								