



Spline Data

NO. TEETH	20		
PITCH	6/12		
PITCH DIA.	3.3333	⊙ A	.002
PRESSURE ANGLE	30°		
TOOTH THKNS	MAX. EFF.	.2602 (6.609)	
	MAX. ACT.	.2583 (6.561)	
	MIN. ACT.	.2569 (6.525)	
PIN DIA.	.3200 (8.1280)		
MEAS. OVER 2 PINS, MAX.	3.8222 (97.084)		
	MIN.	3.8201 (97.031)	
TIF DIA. MAX.	3.1600 (80.264)		
MINDR DIA.	MAX.	3.1293 (79.484)	
	MIN.	3.1073 (78.925)	
TYPE OF FIT	FLAT ROOT SIDE FIT		

SUN GEARS- SUGGESTED MOTOR SHAFT LENGTHS			
SUN GEAR	SHAFT TYPE	MIN. (IN.)	MAX. (IN.)
16B	7/8" 13T SPLINE	1.40	1.75
16C	1" 15T SPLINE	1.70	1.95
16D	1" ST. KEYED	1.80	2.10
16E	C/L 2000 BEARINGLESS	N/A	N/A
16F	C/L 4000 BEARINGLESS	N/A	N/A
16H	1 1/4" ST. KEYED	2.05	2.40
16I	1 1/4" 14T SPLINE	2.00	2.32
16M	1" SAE 6B SPLINE	1.95	2.30

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REV	DESCRIPTION	DATE	APPROVED
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2390 DEL MONTE STREET  
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TITLE MODEL 50 ASSEMBLY			
DESCRIPTION HECO MODEL 50 CODE: 50DCF4 6 31			
SIZE D	DRAWN BY: KSC	DWG NO. ----	REV --
SCALE: DO NOT SCALE		DATE: 02/06/02	SHEET 1 OF 1