



Splines Data	
NO. TEETH	20
PITCH	6/12
PITCH DIA.	3.3333 \odot 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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2300 DEL MONTE STREET
WEST SACRAMENTO, CA 95661
(916)-372-5411 FAX (916)-373-0852

TITLE MODEL 50 ASSEMBLY			
DESCRIPTION HECO MODEL 50 CODE: 50DCF4 5 31			
SIZE D	DRAWN BY: KSC	DWG NO. ----	REV --
SCALE: DO NOT SCALE		DATE: 02/06/02	SHEET 1 OF 1