

* RATIO DOES NOT CHANGE INSTALLATION DIMENSIONS

WWW.HECOGEAR.COM

1/2-13 UNC, 2 PL.
.75 DEEP MIN
ON 5.75 DIA. B.C.

PILOT DEPTH
0.4"

Ø4.003
4.001

SAE B
2 BOLT
PILOT

CHAMFER FOR
2-155 O'RING

1/4 NPT CASE DRAIN
2 @ 90° APART

1.4

1.13

Ø9.88

9.8

13.46

1.83

.78

.28

3/8 NPT
CASE DRAIN
1 ONLY

Ø2.97

5.75

Ø11.000
10.995
Ø7.1
HOUSING

1/2-20 UNF, 2 PL.
1.10 DEEP MIN.
ON 1.875 DIA. B.C.

Ø15.5

10 .8125 HOLES
EQ. SPACED ON
13.187 DIA. B.C.

SPLINE DATA

NO. TEETH	23
PITCH	8/16
P.D.	2.875 $\text{Ⓜ} A .002$
PRESSURE ANGLE	30°
TOOTH THKNS	MAX. EFF. .1947 (4.945) MAX. ACT. .1927 (4.895) MIN. ACT. .1913 (4.860)
PIN DIA.	.2400 (6.10)
MEAS. OVER TWO PINS	3.2340 (82.144) 3.2318 (82.09)
TYPE OF FIT	FLAT ROOT SIDE FIT
MINDR DIA.	2.650 (67.31) 2.632 (66.85)
TIF DIA.	2.7442 (69.703)

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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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TITLE
MODEL 20 ASSEMBLY
DESCRIPTION
HECO 20 MODEL CODE:
25DFF4 5 31*

SIZE: D DRAWN BY: KSC ENG NO.: D01012R-

SCALE: 1:1 NOT SCALE DATE: 04/19/01 SHEET 1 OF 1

REV	DESCRIPTION	DATE	APPROVED