HAYES HEX~FLX ASSEMBLY NOTE:
METAL HUB SHOULD BE FULLY ENGAGED
INTO NYLON DRIVE PLATE.

1.80
1.13
.50
1.75

SAE 10 FLYWHEEL

2.13
BACKSET

SAE #4 HOUSING

P/N 123845-04
SAE #4 HOUSING MOUNT
(12) 27/64 DRILL THRU EQUALLY
SPACED ON 15.000 B.C.
SAE "B" PUMP MOUNT 4.00 PILOT
(2) 1/2-13 TAPPED HOLES EQ.
SPACED ON 5.75 B.C.
(4) 1/2-13 TAPPED HOLES EQ.
SPACED ON 5.00 B.C.
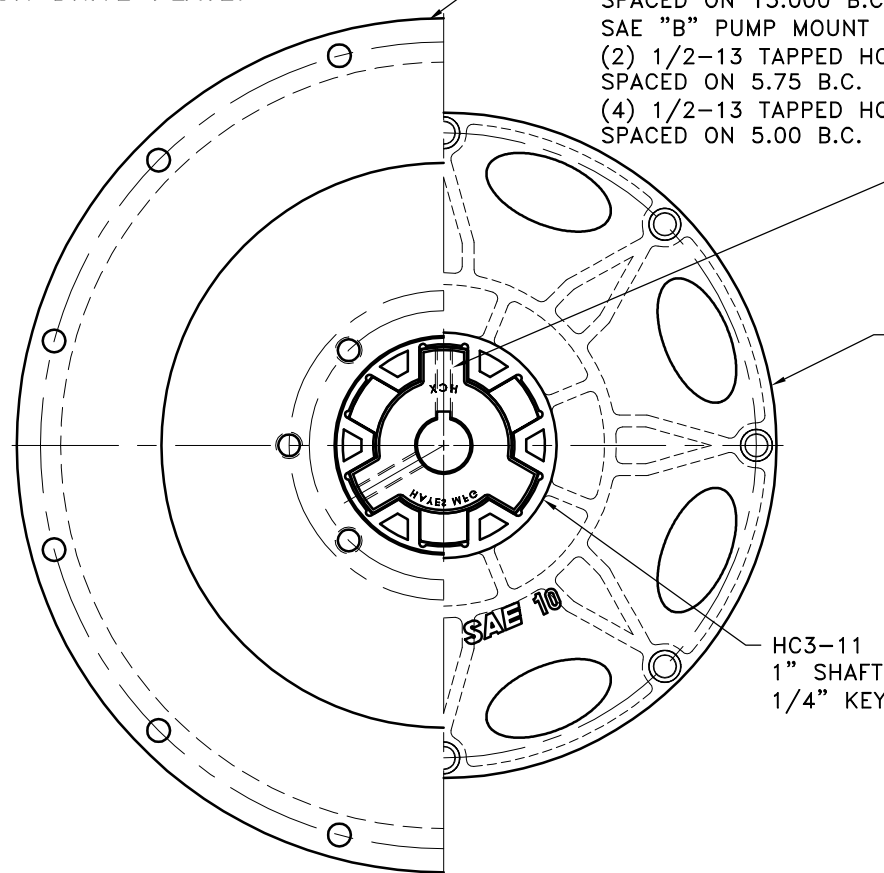
(2) 3/8" SET SCREWS
TORQUE BOTH TO 20 FT. LBS
USING TORQUE WRENCH AT
FINAL INSTALLATION

C-010
S.A.E. 10 FIBERGLASS REINFORCED
NYLON DRIVE PLATE
(8) .416 HOLES EQ.
SPACED ON A 11.625 B.C.
"C" SERIES DRIVE

SAE 10

HC3-11
1" SHAFT
1/4" KEY

IMPORTANT INSTALLATION NOTE!!!!!

IMPROPER INSTALLATION OF HUB COULD CAUSE
PREMATURE WEAR AND OR FAILURE.

IF YOU HAVE QUESTIONS CONCERNING LOCATION
OF METAL HUB ON PUMP SHAFT PLEASE CONTACT
DISTRIBUTOR OR FACTORY FOR FURTHER
INFORMATION.

BOTH HUB SET SCREWS MUST BE PROPERLY
TORQUED TO 25 FT.LBS. USING TORQUE WRENCH .
**PLEASE CONTACT DISTRIBUTOR OR FACTORY FOR**
ANY FURTHER QUESTIONS.

NOTE: REMOVE HUB FROM ASS'Y, PRESET HUB ON SHAFT
AS SHOWN. *TORQUE BOTH SET SCREWS TO 25 FT.LBS.*
USING TORQUE WRENCH. SHAFT SHOULD HAVE A
MINIMUM OF 3/4" OF ENGAGEMENT IF NOT CONTACT
FACTORY FOR RECOMMENDATIONS (231) 879-3372 TO
GET HUB PRESET USE THIS EQUATION:

PERFORM CALCULATION BELOW:
2.51 - SHAFT LENGTH = HUB PRESET

IF YOUR ANSWER IS (+) SHAFT IS INSIDE OF HUB, IF
YOUR ANSWER IS (−) SHAFT STICKS OUT OF HUB.
(SEE BOXES)

NOTE: THIS STEP IS IMPORTANT TO
ENSURE FULL SHAFT ENGAGEMENT.

2.51
SHAFT
LENGTH
(+)
ANSWER

2.51
SHAFT
LENGTH
(−)
ANSWER
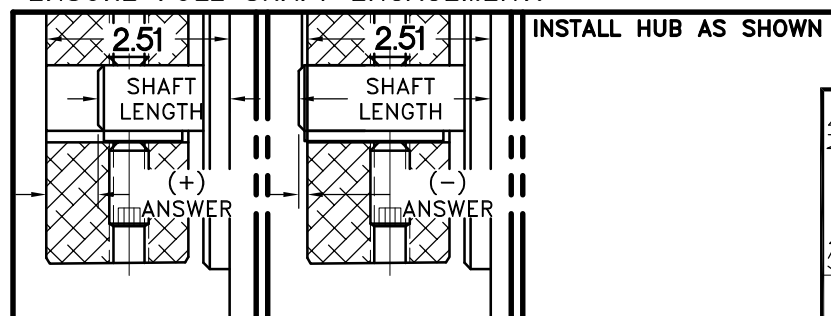
INSTALL HUB AS SHOWN

"C" SERIES TORQUE RANGE
65-175 HP

3	123845-04	PUMP MOUNT PLTE	1
2	HC3-11	C SERIES HEX~FLX HUB	1
1	C-010	SAE 10 HEX~FLX DRIVE PLATE	1
DET.	PART NUMBER	DESCRIPTION	QTY.

REV	DATE	CHANGE DESCRIPTION	MOD.BY	CK1	CK2
A	01/17/2008	UPDATED NOTES	ZS		

SYMBOLS
FLATNESS
STRAIGHTNESS
ANGULARITY
PERPENDICULARITY
PARALLELISM
CONCENTRICITY
TRUE POSITION
ROUNDNESS
CIRCULAR RUN OUT
TOTAL RUN OUT
CYLINDRICITY
FINISH

DO NOT SCALE
DRAWING
TOLERANCES UNLESS
OTHERWISE SPECIFIED
125/ MAXIMUM
ANGLE ±1/2°
FRACTION ±1/32
DECIMAL
.00 ±.01
.000 ±.005
.0000 ±.0005

− UNLESS OTHERWISE SPECIFIED −
REMOVE FIRST THREAD
ON ALL TAPPED HOLES
BREAK ALL SHARP CORNERS .010 TO .020
STAMP OR MARK DRAWING NO.

HAYES
MANUFACTURING INC. ®

TITLE
HEX~FLX "C" SERIES 2 PIECE COUPLING

MATERIAL

DRAWN BY SIETING	DATE 09-20-07	DRAWING NO.
CHECKED BY RJH	SCALE	C-010-HC3-11-EO24
		SHEET OF REV.