YANMAR HOUSING
171301-01600
SEMI- SAE #5
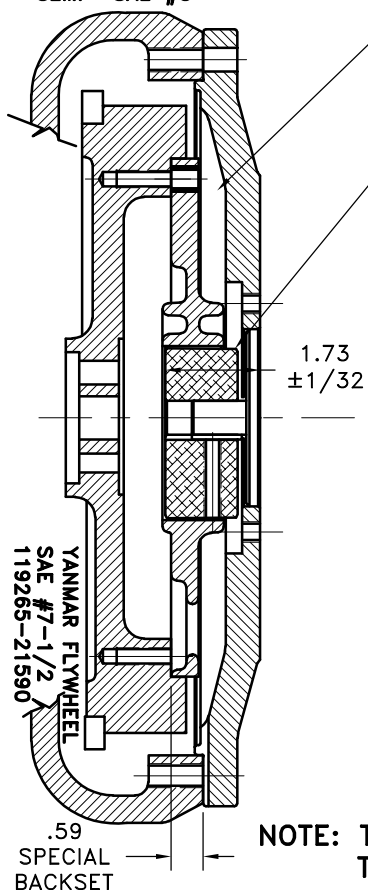
C-075
9.499 O.D.
(8) .343 HOLES
ON 8.750 B.C.

HC1-05
5/8" SHAFT
3/16" KEY

1.73
±1/32

YANMAR FLYWHEEL
SAE #7-1/2
119265-21590

.59
SPECIAL
BACKSET

YANMAR ENGINES
3TNE68VH & 3TNE74VM

SAE "A" 2-BOLT MOUNT
3.25 DIA PUMP PILOT
(2) 3/8-16 TAPPED HOLES
EQ. SPACED ON 4.18 B.C.

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: FITS YANMAR ENGINE
NO.s 3TNE68 VH, 3TNE74 VM,
3TNV88, 4TNV88
SEMI SAE #5 HOUSING

C TORQUE RANGE
(65-175 HP)

NOTE: TORQUE ALL M10 BOLTS 29-33 FT.LBS.
TORQUE ALL M8 BOLTS 20-25 FT.LBS.

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

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
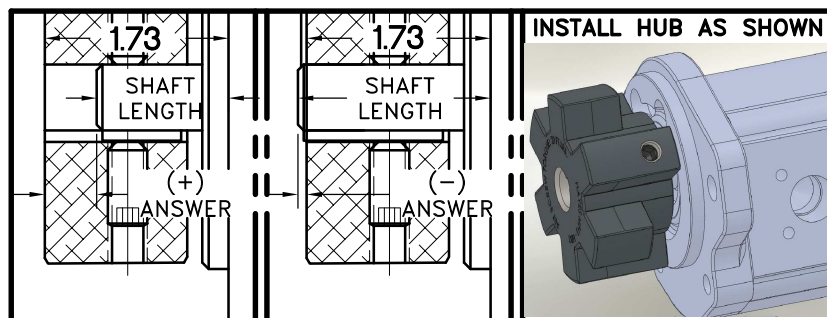FACTORY FOR RECOMMENDATIONS (231) 879-3372 TO
GET HUB PRESET USE THIS EQUATION:

PERFORM CALCULATION BELOW:

1.73   - SHAFT LENGTH = HUB PRESET

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

1.73
SHAFT
LENGTH
(+)
ANSWER

1.73
SHAFT
LENGTH
(−)
ANSWER

INSTALL HUB AS SHOWN

SYMBOLS
⌓ FLATNESS
— STRAIGHTNESS
∠ ANGULARITY
⊥ PERPENDICULARITY
∥ PARALLELISM
⌖ TRUE POSITION
◎ CONCENTRICITY
○ ROUNDNESS
⌀ CIRCULAR RUN OUT
⌀⌀ TOTAL RUN OUT
⌭ CYLINDRICITY
√ FINISH

3	941905-09	HOUSING	1
2	HC1-05	HEX~FLX HUB	1
1	C-075	HEX~FLX PLATE	1
DET.	PART NUMBER	DESCRIPTION	QTY.

DO NOT SCALE
DRAWING

TOLERANCES UNLESS
OTHERWISE SPECIFIED
125/ MAXIMUM
ANGLE ±1/2°
FRACTION ±1/32
DECIMAL
.00 ±.01
.000 ±.005
.0000 ±.0005

HAYES
MANUFACTURING INC. ®

TITLE
YANMAR 3TNE HOUSING & FLYWHEEL COUPLING ASS'Y

MATERIAL

CLASS
YANMAR

MAKE: [X]   BUY: [ ]

DESCRIPTION
YMN3TN,5/8X3/16,A2,175

DRAWN BY
SIETING

DATE
04-02-08

CHECKED BY

SCALE

DRAWING NO.
035-0-HC1-05-A2

SHEET   OF   REV.

5/14/2019 12:35:11 PM