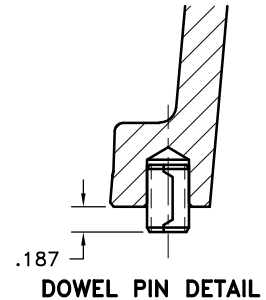


REV	DATE	CHANGE DESCRIPTION	MOD.BY	CK1	CK2

B-SMN
4.17 PILOT
(5) .32 HOLES ON
A 5.12 B.C.

946000-01
SAE A 2 BOLT PUMP MOUNT
3.25 PILOT
(2) 3/8-16 TAPPED HOLES
ON A 4.18 B.C.



1.94

1.25 PUMP SHAFT
.69 HUB
PRE-SET

HB3-88
SPLINE DATA
9 TEETH
16/32 D.P.
30° P.A.
.640 MAJOR
SAE "A"

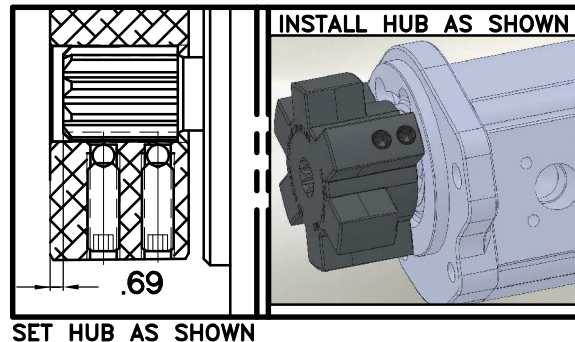
NOTES:
FITS ALL YANMAR 3TNM (MINIMAX) ENGINES
WITH STARTER PLATE BACK END.

2.12
3.34

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

- 1) PRESET HUB ON SHAFT AS SHOWN.
- 2) IF YOUR PUMP SHAFT VARIES FROM THE DRAWN SHAFT LENGTH, CONTACT FACTORY FOR RECOMMENDATIONS.
- 3) **TORQUE BOTH SET SCREWS TO 25 FT.LBS. USING TORQUE WRENCH.**
- 4) SHAFT SHOULD HAVE FULL SPLINE ENGAGEMENT INTO HUB, IF NOT CONTACT FACTORY FOR RECOMMENDATIONS (231) 879-3372.

THIS DRAWING IS THE PROPERTY OF HAYES MFG. INC. AND IS LOANED SUBJECT TO THE CONDITION THAT IT SHALL NOT BE REPRODUCED, COPIED, LOANED OR OTHERWISE DISPOSED OF, DIRECTLY OR INDIRECTLY. IT SHALL BE USED AS A MEANS OF REFERENCE TO WORK FURNISHED BY THIS COMPANY ONLY AND IS NOT TO BE SUBMITTED TO OUTSIDE PARTIES FOR EXAMINATION WITHOUT OUR CONSENT.



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.

UP TO 50 HP

5	946002	BOLT KIT (PRE-ASSEMBLED)	1
4	SD200X5/16X1/2	5/16 X 1/2 SPRING DOWEL	2
3	946000-01	HOUSING	1
2	HB3-88	HEX~FLX HUB	1
1	B-SMN	HEX~FLX FLYWHEEL PLATE	1

B-SMN-HB3-88

SYMBOLS	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 FINISH				
CLASS YANMAR DESCRIPTION YNM3TN,9T16/32,A2	MAKE: <input checked="" type="checkbox"/> BUY: <input type="checkbox"/>	DRAWN BY SIETING CHECKED BY RJH	DATE 08-27-08 SCALE	DRAWING NO. 049-0-HB3-88-A2 SHEET OF REV.

HAYES
MANUFACTURING INC. ®

TITLE
YANMAR 3TNM (MINIMAX) COUPLING ASS'Y WITH HOUSING

MATERIAL