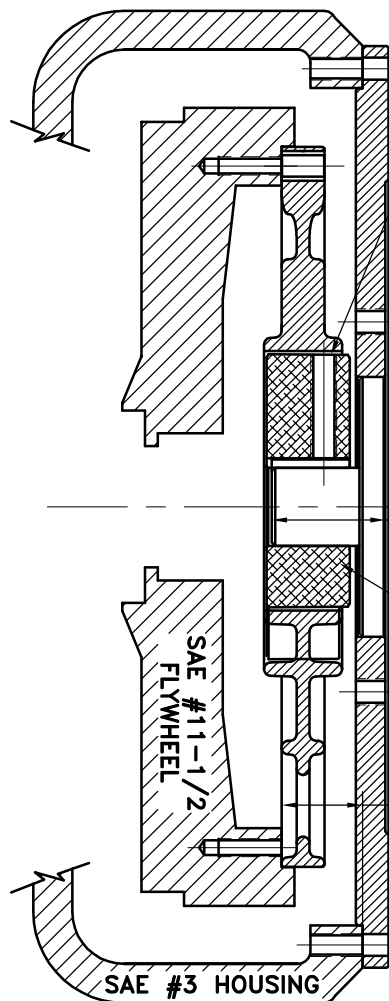


REV	DATE	CHANGE DESCRIPTION	MOD.BY	CK1	CK2



(2) 1/2" SET SCREWS
TORQUE BOTH TO 45 FT. LBS
USING TORQUE WRENCH AT
FINAL INSTALLATION

SEE BOX TO
POSITION HUB
NOT TO SCALE

HDT1-19
1 1/2" SHAFT
3/8" KEY

1.56
BACKSET

SAE #3 HOUSING

NOTE: REMOVE HUB FROM ASS'Y, PRESET HUB ON SHAFT AS SHOWN. **TORQUE BOTH SET SCREWS TO 45 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:

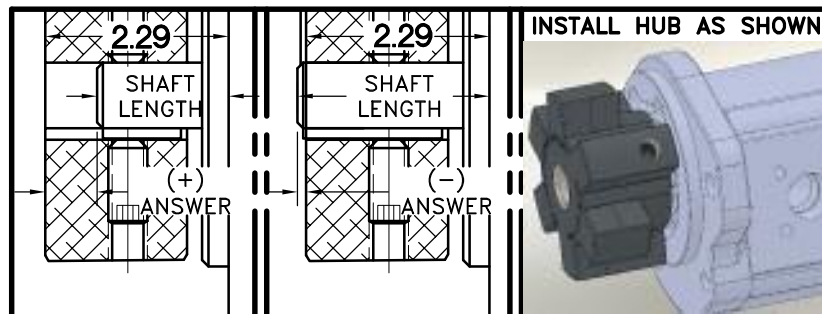
PERFORM CALCULATION BELOW:

2.29- SHAFT LENGTH - HUB PRESET

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

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.

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



PT# 123845-02

S.A.E. HOUSING MOUNT 27/64 DRILL THRU
12 HOLES EQUALLY SPACED ON 16.88 B.C.
5" PUMP PILOT S.A.E. "C" PUMP MOUNT.
(4) 1/2-13 TAPPED HOLES EQUALLY
SPACED ON 6.38 B.C.
(2) 5/8-11 TAPPED HOLES EQUALLY
SPACED ON 7.12 B.C.

DT-115
13.874 O.D.
(8) .406 HOLES
ON 13.125 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.

**ALL (4) SET SCREWS MUST BE PROPERLY
TORQUED TO 45 FT.LBS. USING TORQUE WRENCH .
PLEASE CONTACT DISTRIBUTOR OR FACTORY FOR
ANY FURTHER QUESTIONS.**

DT TORQUE RANGE
NOMINAL: 1,300 FT.LBS
MAX: 3,300 FT.LBS
NOMINAL: 1,800 NM
MAX: 4,500 NM

3	123845-02	PUMP MOUNT PLATE	1
2	HDT1-19	DT SERIES DRIVE HUB	1
1	DT-115	SAE 11 1/2 HEX~FLX PLATE	1

DET.	PART NUMBER	DESCRIPTION	QTY.
3	123845-02	PUMP MOUNT PLATE	1
2	HDT1-19	DT SERIES DRIVE HUB	1
1	DT-115	SAE 11 1/2 HEX~FLX PLATE	1

SYMBOLS		DO NOT SCALE DRAWING	
— FLATNESS	— PERPENDICULARITY	TOLERANCES UNLESS OTHERWISE SPECIFIED	
— STRAIGHTNESS	— PARALLELISM	— MAXIMUM	
— ANGULARITY	— CONCENTRICITY	— ANGLE ±1/2°	
— TRUE POSITION	— ROUNDNESS	— FRACTION ±1/32	
— CIRCULAR RUN OUT	— TOTAL RUN OUT	— DECIMAL	
— CYLINDRICITY	— FINISH	— .00 ±.01	
— FINISH		— .000 ±.005	
— UNLESS OTHERWISE SPECIFIED —		— REMOVE FIRST THREAD	
		— ON ALL TAPPED HOLES	
		— BREAK ALL SHARP CORNERS .010 TO .020	
		— STAMP OR MARK DRAWING NO.	

TITLE		DRAWN BY	
DT SERIES HEX~FLX COUPLING WITH PUMP MOUNT PLATE		SIETING	
MATERIAL		DATE	
		01-06-2009	
		SCALE	
		CHECKED BY	
		R/JH	
		DRAWING NO.	
		DT-115-HDT1-19-DX24	
		SHEET OF	
		REV.	

HAYES
MANUFACTURING INC. ®