ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	E.C. NO. 0910436 (B.C.) SEE SHEET #3	10MAY91 S.R.W.	T.I.L.
	B	E.C. NO. 0920285 SEE SHEET #3	31MAR92 J.T.E.	H.E.
	C	E.C. NO. 0921082 (B.C.) 1) SEE SHEET 1 2) SEE SHEET 1	01OCT92	H. EURICH
	D	E.C.N. NO.: 0950288 SEE SHEET 1 OF 3	31MAR95 P.W.	H. EURICH
11A	E	MPS 25393 ADDED "BP" MOUTNING WITH -340 SUFFIX	24APR01 RAF	BJB

REVISIONS

COUPLING CHART

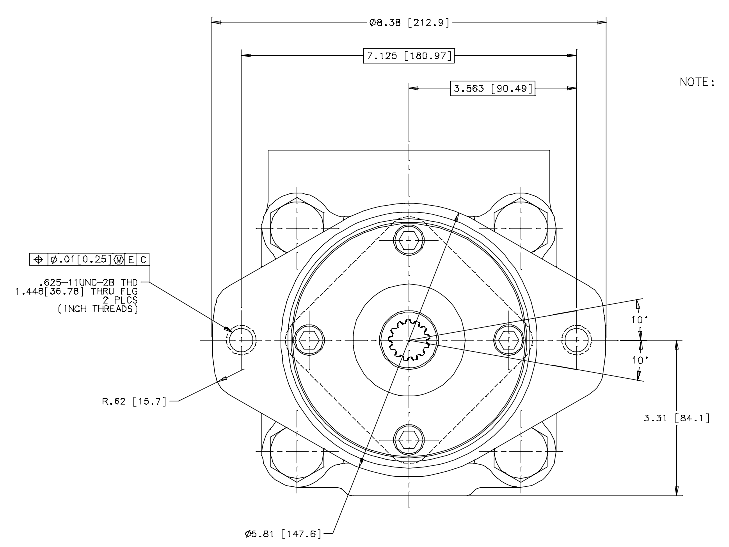
MODEL	OUTPUT COUPLING	DESCRIPTION FOR TORQUE LIMIT, SEE OUTPUT TORQUE IN SHAFT CHART	"L"*
45VTA	2	FOR PUMP SHAFT OF SAE "A" SIZE W/ 30° INVOLUTE SPLINE SHAFT (PER SAE STD. J-744 OCT83) 9T, 16/32 D.P. (PER ANSI B.92.1a 1976)	1.25±.03 [31.8±0.8] 1.39[35.3] MAX
45VTB	2	FOR PUMP SHAFT OF SAE "B" SIZE W/ 30° INVOLUTE SPLINE SHAFT (PER SAE STD. J-744 OCT83) 13T, 16/32 D.P. (PER ANSI B.92.1a 1976)	1.62±.05 [41.1±1.2] 1.82[46.2] MAX
45VTBP	2	FOR DANFOSS PUMP SHAFT OF SAE "B" SIZE WITH SPACER FOR PVE 19/21 PUMP W/ 30° INVOLUTE SPLINE SHAFT (PER SAE STD. J-744 OCT83) 13T, 16/32 D.P. (PER ANSI B92.1a 1976)	1.75±.05 [44.4±1.2] (NOT SAE STD)
45VTC	2	FOR PUMP SHAFT OF SAE "C" SIZE W/ 30° INVOLUTE SPLINE SHAFT (PER SAE STD. J-744 OCT83) 14T, 12/24 D.P. (PER ANSI B.92.1a 1976)	2.18±.05 [55.4±1.2] 2.42[61.5] MAX
45VTBP -340 SUFFIX	2	FOR PUMP SHAFT OF SAE "C" SIZE W/ 30° INVOLUTE SPLINE SHAFT (PER SAE STD. J-744 OCT83) 14T, 12/24 D.P. (PER ANSI B.92.1a 1976)	2.88±.09 [73.2±2.3]

* CAUTION: DIMENSION "L" IS IMPORTANT AND MUST BE OBSERVED.

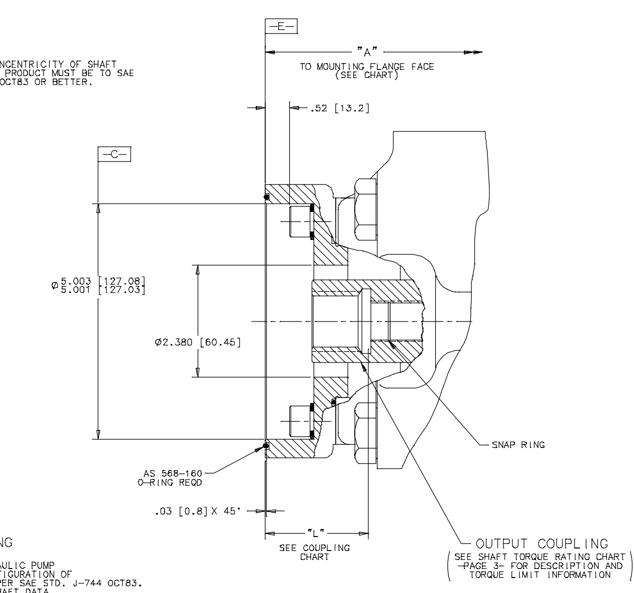
DIMENSION "A"

FRONT MOUNTING FACE TO THRU DRIVE MOUNTING FACE

REAR MOUNTING TYPE	SAE J744 BODY MOUNT	ISO 3019/2 BODY MOUNT
A	291.6[11.48]	321.8[12.67]
B	300.7[11.84]	331.0[13.03]
BP	317.0[12.48]	347.2[13.67]
C	308.4[12.14]	338.6[13.33]

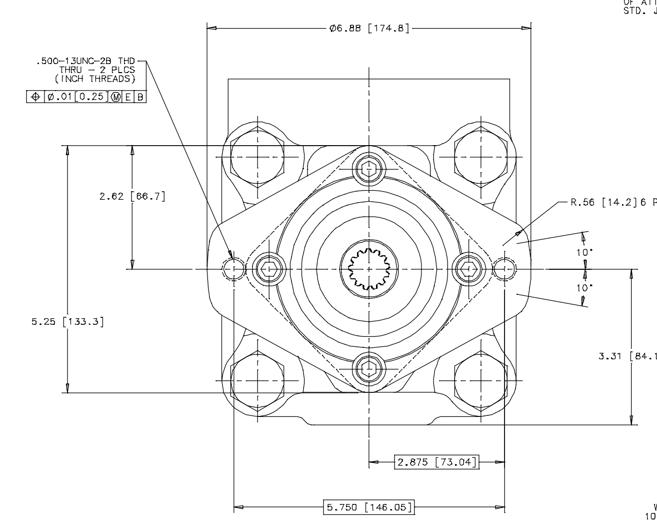


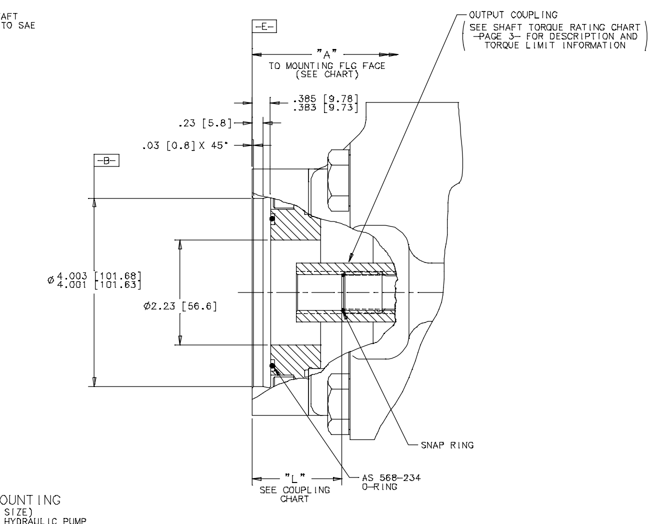
NOTE: MOUNTING CONCENTRICITY OF SHAFT OF ATTACHED PRODUCT MUST BE TO SAE STD. J-744 OCT83 OR BETTER.



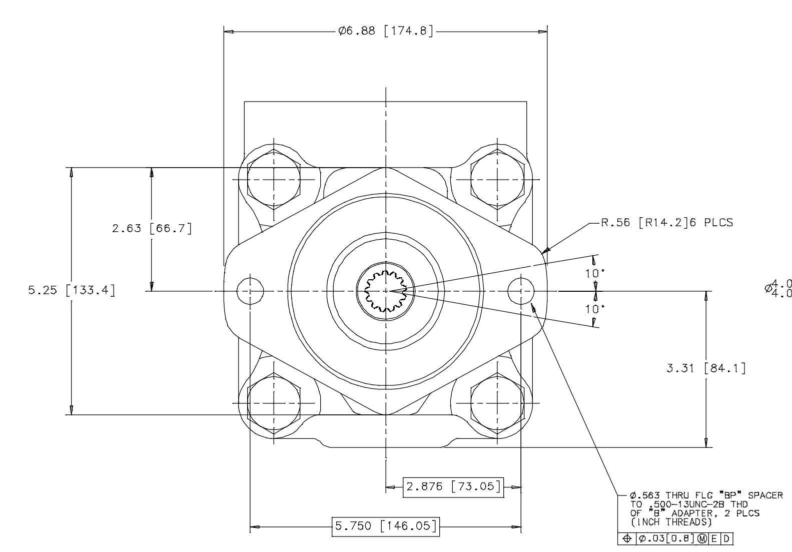
"C" REAR MOUNTING
(SAE 127-2 SIZE)
THIS UNIT ACCEPTS A HYDRAULIC PUMP WITH AN SAE MOUNTING CONFIGURATION OF THE 127-2 ("C") SIZE AS PER SAE STD. J-744 OCT83. SEE COUPLING CHART FOR SHAFT DATA.

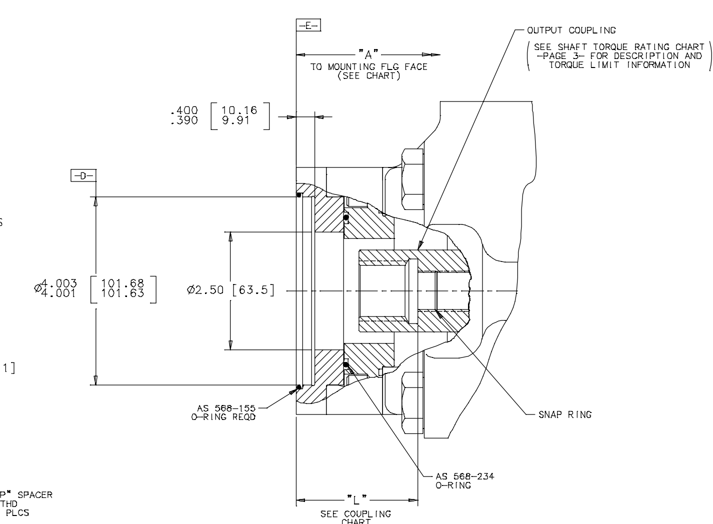
NOTE: MOUNTING CONCENTRICITY OF SHAFT OF ATTACHED PRODUCT MUST BE TO SAE STD. J-744 OCT83 OR BETTER.



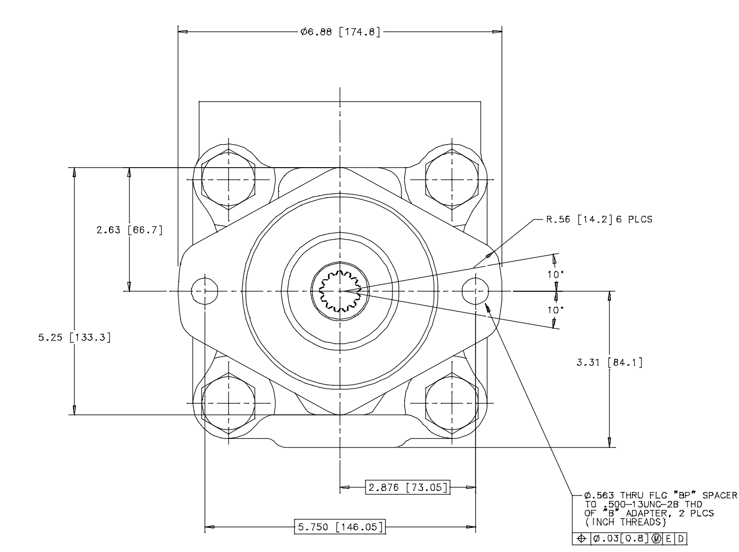


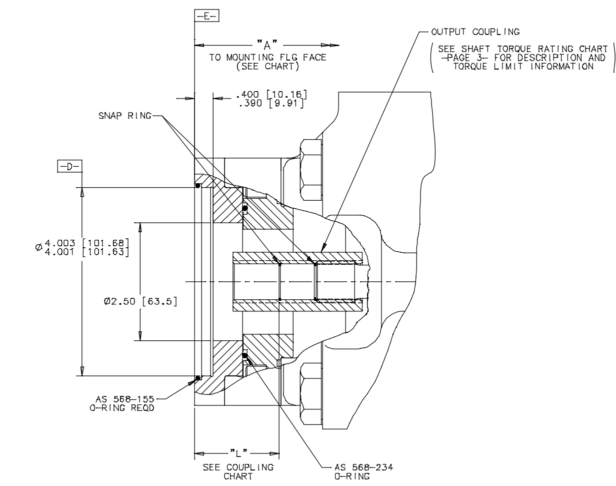
"B" REAR MOUNTING
(SAE 101-2 SIZE)
THIS UNIT ACCEPTS A HYDRAULIC PUMP WITH AN SAE MOUNTING CONFIGURATION OF THE 101-2 ("B") SIZE AS PER SAE STD. J-744 OCT83 SEE COUPLING CHART FOR SHAFT DATA.





(E) "BP" REAR MOUNTING WITH -340 SUFFIX
SAE "B" SIZE WITH SPACER AND SAE "C" SIZE COUPLING AND SHAFT





"BP" REAR MOUNTING
SAE "B" SIZE WITH SPACER FOR PVE 19/21

INCH

G.T. CODE NO. | DIST. CODES O, AE, 813
UNLESS OTHERWISE SPECIFIED: INTERPRET PER VS 1-3-3-1; ANGULAR DIMENSIONS ± 2°; SURFACE ROUGHNESS 3.2 μm (125 μIN); TOLERANCES ON DECIMALS

	1 PLACE	2 PLACE	3 PLACE
mm	±0.8	±0.25	——
INCH	——	± .03	±.010

REMOVE BURRS
BREAK EDGES 0.25 mm (.010 IN) MAX.

THIRD ANGLE PROJECTION | MATERIAL | HEAT TREATMENT | COATING/PLATING
FIRST USED ON +-45VT+-22 | AEL 0
REF | DWN | CHK | MFG REV | T.O. | PROTO | PROD. | ENGRG APPVL
SEE SHEET #1

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Danfoss

TITLE: INSTALLATION – THRU-DRIVE VANE PUMP SAE

SIZE J | CAGE NO. | DRAWING NO. 02-125342 | REV E
SCALE 1/1 | WT | ACTL CALC | SHEET 2 OF 3