MOUNTING TYPE AA & AG		
DISP	G	H MAX
067	90.5-91.6 [3.56-3.61]	146.8 [5.78]
080	94.6-95.6 [3.72-3.76]	150.8 [5.94]
099	100.9-102.0 [3.97-4.01]	157.1 [6.19]
125	109.4-110.5 [4.31-4.35]	165.7 [6.52]
150	100.9-102.0 [3.97-4.01]	157.1 [6.19]
171	105.3-106.3 [4.15-4.19]	161.5 [6.36]
190	109.4-110.5 [4.31-4.35]	165.7 [6.52]
240	120.1-121.2 [4.73-4.77]	176.3 [6.94]
301	132.9-134.0 [5.23-5.28]	189.2 [7.45]
342	141.7-142.8 [5.58-5.62]	198.0 [7.79]
381	150.0-151.1 [5.91-5.95]	206.2 [8.12]

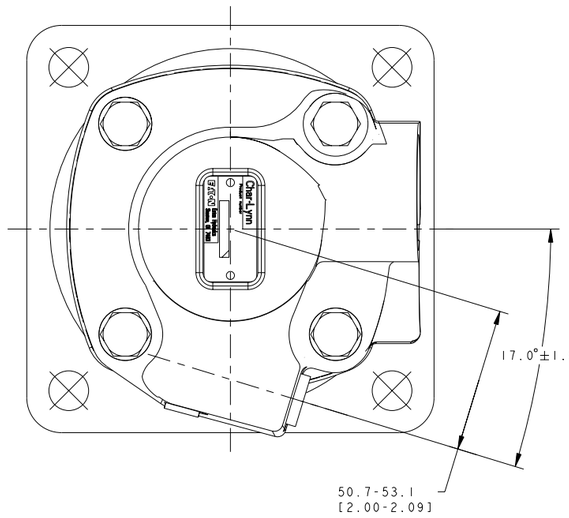
MOUNTING TYPE AB & AM		
DISP	G	H MAX
067	157.5-159.2 [6.20-6.27]	214.4 [8.44]
080	161.5-163.2 [6.36-6.43]	218.4 [8.60]
099	167.9-169.5 [6.61-6.67]	224.7 [8.85]
125	176.4-178.1 [6.95-7.01]	233.2 [9.18]
150	167.9-169.5 [6.61-6.67]	224.7 [8.85]
171	172.3-173.9 [6.78-6.85]	229.1 [9.02]
190	176.4-178.1 [6.95-7.01]	233.2 [9.18]
240	187.1-188.7 [7.37-7.43]	243.9 [9.60]
301	199.9-201.6 [7.87-7.94]	256.8 [10.11]
342	208.7-210.4 [8.22-8.28]	265.6 [10.46]
381	217.0-218.7 [8.54-8.61]	273.8 [10.78]

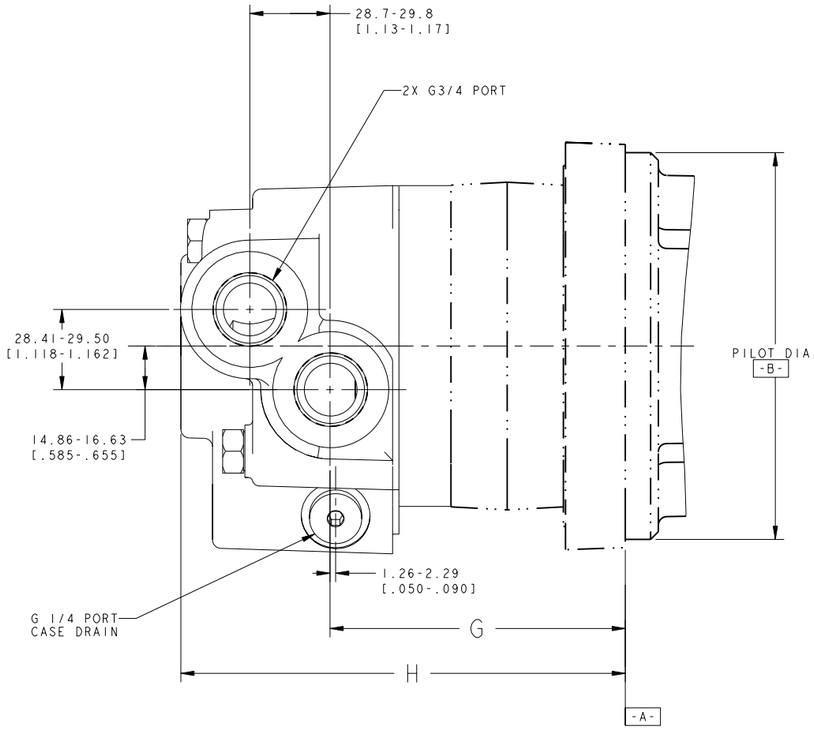
MOUNTING TYPE AC & AD		
DISP	G	H MAX
067	86.8-88.1 [3.42-3.47]	143.3 [5.64]
080	90.9-92.1 [3.58-3.63]	147.3 [5.80]
099	97.2-98.5 [3.83-3.88]	153.6 [6.05]
125	105.7-107.0 [4.16-4.21]	162.2 [6.39]
150	97.2-98.5 [3.83-3.88]	153.6 [6.05]
171	101.6-102.9 [4.00-4.05]	158.0 [6.22]
190	105.7-107.0 [4.16-4.21]	162.2 [6.39]
240	116.4-117.7 [4.58-4.63]	172.8 [6.81]
301	129.3-130.5 [5.09-5.14]	185.7 [7.31]
342	138.1-139.3 [5.44-5.48]	194.5 [7.66]
381	146.3-147.6 [5.76-5.81]	202.8 [7.98]

MOUNTING TYPE AF		
DISP	G	H MAX
067	161.7-163.4 [6.36-6.43]	218.6 [8.61]
080	165.7-167.5 [6.52-6.59]	222.6 [8.77]
099	172.0-173.8 [6.77-6.84]	229.0 [9.01]
125	180-5-182.3 [7.11-7.18]	237.5 [9.35]
150	172.0-173.8 [6.77-6.84]	229.0 [9.01]
171	176.4-178.2 [6.95-7.01]	233.3 [9.19]
190	180.5-182.3 [7.11-7.18]	237.5 [9.35]
240	191.2-193.0 [7.53-7.60]	248.2 [9.77]
301	204.0-205.9 [8.03-8.10]	261.0 [10.28]
342	212.8-214.6 [8.38-8.45]	269.8 [10.62]
381	221.1-222.9 [8.71-8.78]	278.1 [10.95]

MOUNTING TYPE AH		
DISP	G	H MAX
067	136.8-138.3 [5.39-5.45]	193.5 [7.62]
080	140.8-142.4 [5.55-5.60]	197.5 [7.78]
099	147.2-148.7 [5.79-5.85]	203.9 [8.03]
125	155.7-157.2 [6.13-6.19]	212.4 [8.36]
150	147.2-148.7 [5.79-5.85]	203.9 [8.03]
171	151.6-153.1 [5.97-6.03]	208.3 [8.20]
190	155.7-157.2 [6.13-6.19]	212.4 [8.36]
240	166.4-167.9 [6.55-6.61]	223.1 [8.78]
301	179.2-180.7 [7.06-7.12]	235.9 [9.29]
342	188.0-189.5 [7.40-7.46]	244.7 [9.63]
381	196.3-197.8 [7.73-7.79]	253.0 [9.96]

REV	DESCRIPTION	BY	CHK	DATE	ECN / MPS
A	ENGINEERING RELEASE	LK		02-08-92	21551
J	REVISED AND REDRAWN TO PRO-E	PRK	SDM	04-17-09	ECR16450
K	-1)(4B) WAS 17.0°±1.8° -2)(4B) WAS 49.4-54.4[1.95-2.14] -3)(3B) WAS 13.37 -18.13[.526-.714] -4)(3C) WAS 28.56-29.35[1.124-1.156] -5)(2C) WAS 28.8-29.6[1.13-1.17]	PRK	AMM	05-21-09	M76013





NOTES

1 PORTS - OPTION AC
2 CASE FLOW - OPTION 03

REVIEWED FOR CLASSIFICATION PER ESP-042

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES ☐ MILLIMETERS [INCHES] ☒	DRAWING BASED ON ANSI Y14.5M-1982	
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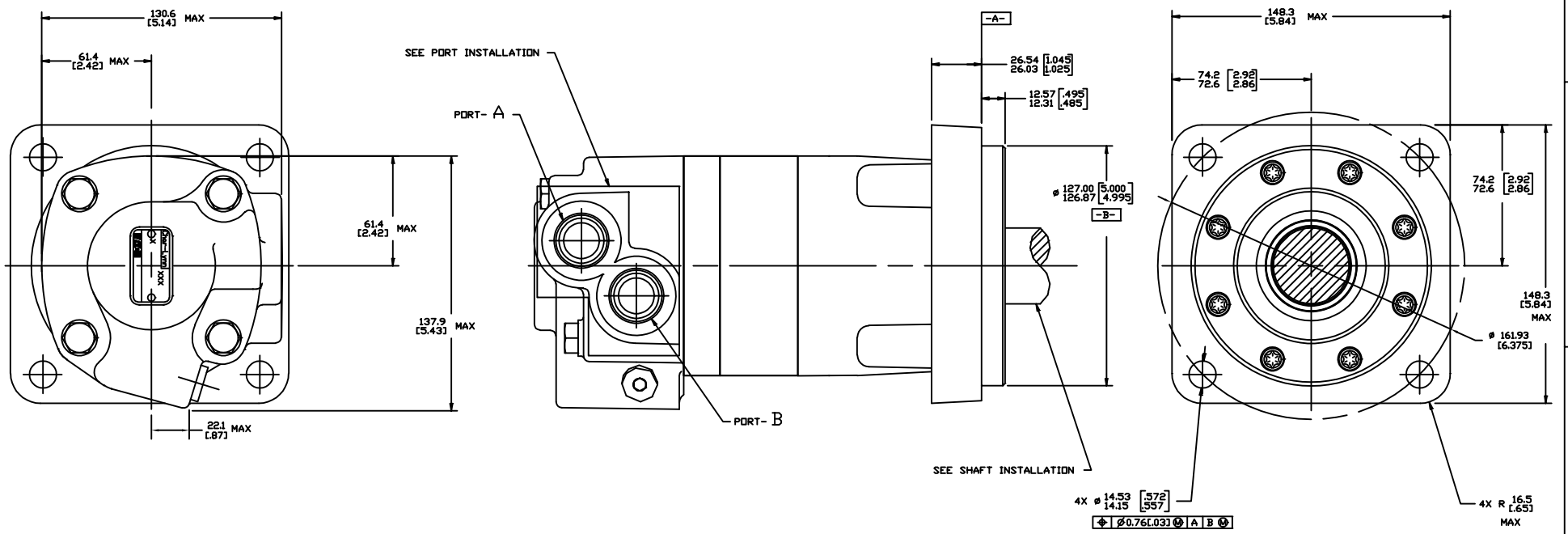
	DRAWN LJR BY/DATE 05-09-92	MATERIAL/HEAT TREAT
	CHECKED KJR BY/DATE 07-28-92	
UNSPECIFIED RADII ARE: ---	ENGRG RVA BY/DATE 07-31-92	TITLE 4000 SERIES MOTOR PORT INSTALL.
	METALLURGY --- BY/DATE ---	
UNSPECIFIED DRAFT ANGLES ARE: ---°	THIRD ANGLE PROJECTION	MICRO/INCHES MICROMETERS [MICRO/INCHES] ARITHMETICAL AVERAGE	NUMBER A-556-003
D SIZE	DO NOT SCALE	SCALE 1/1	SHEET 1 OF 1

REV	DESCRIPTION	BY	CHK	DATE	ECN
A	ENGINEERING RELEASE	SDR		2-8-92	21551
J	REVISED	SSD		6-28-11	M79455



NOTE

1 ROTATION:
STANDARD; WHEN FACING SHAFT END OF MOTOR, SHAFT TO ROTATE;
CLOCKWISE WHEN PORT 'A' IS PRESSURIZED
COUNTERCLOCKWISE WHEN PORT 'B' IS PRESSURIZED

REVERSE; WHEN FACING SHAFT END OF MOTOR, SHAFT TO ROTATE;
CLOCKWISE WHEN PORT 'B' IS PRESSURIZED.
COUNTERCLOCKWISE WHEN PORT 'A' IS PRESSURIZED

2 MOUNTING TYPE: AF
STANDARD, 4 BOLT: 127.00 [5.000] PILOT DIA.
14.27 [.562] DIA. HOLES ON 161.92 [6.375]
DIA. BOLT CIRCLE. 'SAE C'

C/S REVIEWED FOR CLASSIFICATION PER ESP -042

DRAWING BASED ON ANSI Y14.5M-1982

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BROKEN EDGES ARE
TOLERANCES
X ± ----
.XX ± REF
.XXX ± ONLY
∠ ± ----
UNSPECIFIED BASIC ARE ----
UNSPECIFIED DRAFT ANGLES ARE ----
D SIZE

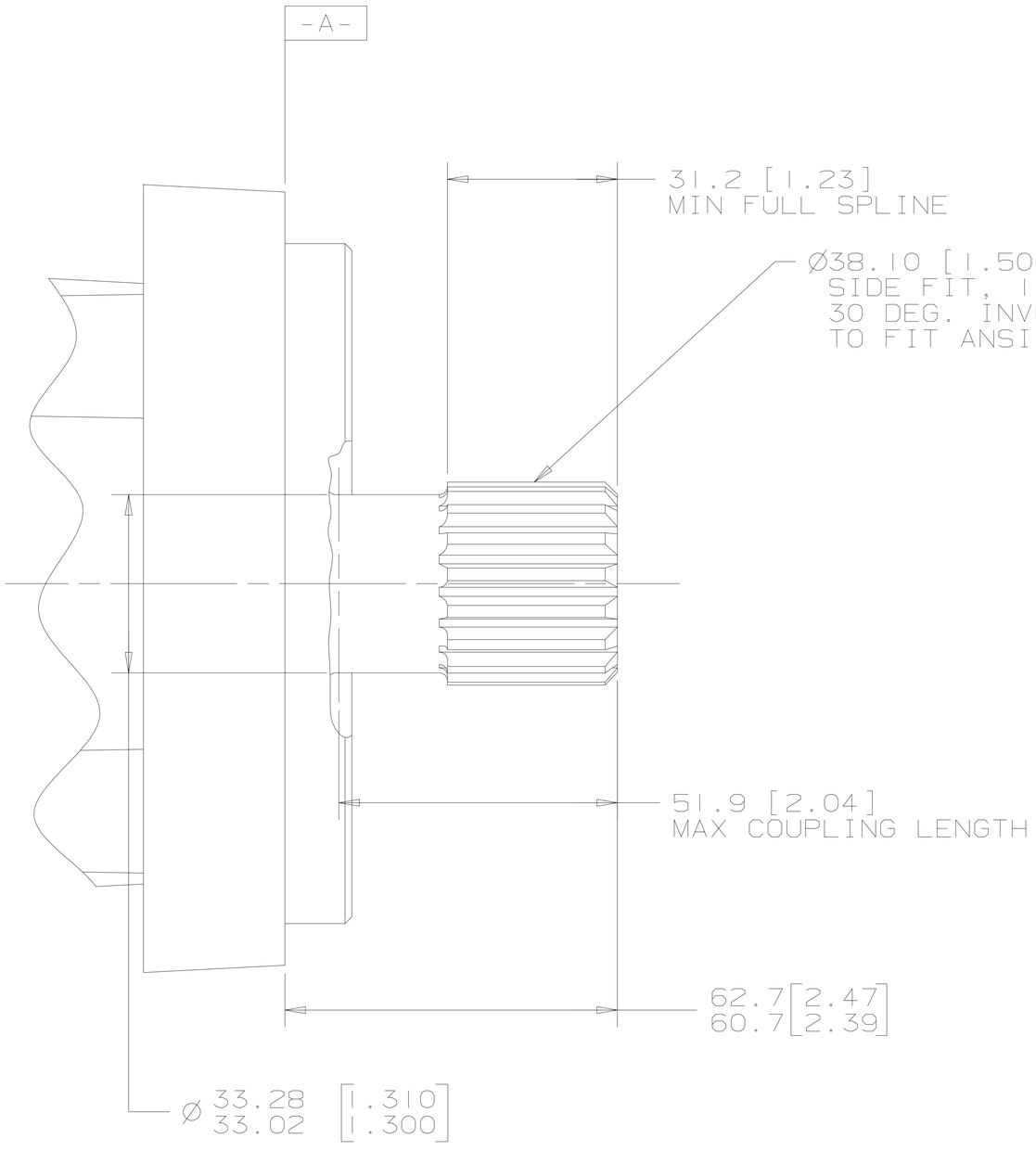
DRAWN BY/DATE SDR 3-14-92
ENGINEER BY/DATE KR 8-4-92
CHECKED BY/DATE RA 8-4-92
DETAILED BY/DATE ----
THIRD ANGLE PROJECTION
DO NOT SCALE

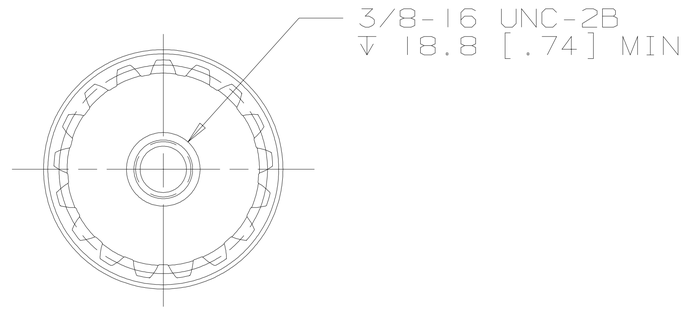
MATERIAL/HEAT TREAT

TITLE
4000 MOTOR INSTALLATION

REVISIONS
NUMBER
A-602-000
SCALE 1/1
SHEET 1 OF 1

SYM	REVISION	BY	DATE	ECN
A	ENGINEERING RELEASE	SDR	2-8-92	21551
B	ADDED THREAD CALLOUT TO SHAFT END	RAF	4-16-96	28005
C	62.7/60.7 [2.47/2.39] WAS 62.5/61.5 [2.48/2.40]	AGJ	5-17-04	47918
C	-1)MOUNTING TYPE WAS "F" -2)OUTPUT SHAFT WAS "13"	SSD	1-24-07	0002527





NOTE

1 MOUNTING TYPE: OPTION AF

2 OUTPUT SHAFT: OPTION 10

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN

INCHES ☐

MILLIMETERS [INCHES] ☒

TOLERANCES

.X ± - - - -

.XX ± REF

.XXX ± ONLY

∠ - - - -

UNSPECIFIED RADII ARE

UNSPECIFIED DRAFT ANGLES ARE

DRAWING FORMAT CADD ☒ MANUAL ☐

DRAWING BASED ON ANSI Y14.5M-1982

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Eaton Corporation
Hydraulics Division
15151 Highway 5
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DRAWN BY/DATE SDR 4/9/92

CHECKED BY/DATE KJR 7-8-92

ENGRG BY/DATE RVA 7-31-92

METALLURGY BY/DATE - - -

MATERIAL/HEAT TREAT

TITLE

4000 SERIES MOTOR SHAFT INSTALLATION

THIRD ANGLE PROJECTION

DO NOT SCALE

MICROINCHES ☒

MICROMETERS [MICROINCHES] ☐

ARITHMETICAL AVERAGE ✓

NUMBER A-609-009

SCALE 1/1

SHEET 1 OF 1