REV	DESCRIPTION	BY	CHK	DATE	ECN / MPS
A	ENGINEERING RELEASE	RAF		4-14-93	23947
S	(6G)ADDED TABULATION BLOCK FOR MOUNTING TYPE 'BW'	SB	CSG	06-18-14	M93209
T	(7H)ADDED DISPLACEMENT CODES X021, X025 AND X040	CSG	VBH	09-04-14	M93971A
U	(8H)ADDED MOUNTING TYPE CA TO TABULATION BLOCK	YUP	YUP	10-05-16	M102121
V	(2C)ADDED CASE FLOW OPTION 10	DY	PJ	11-13-17	M104762A

MOUNTING TYPE AB,AM,AP,AR,AV,BB,BF,BG,BH,CA

DISP	C	E MAX
049	96.0-97.5 [3.78-3.84]	144.0 [5.67]
055	98.3-99.8 [3.87-3.93]	146.3 [5.76]
062	100.6-102.4 [3.96-4.03]	148.8 [5.86]
080	107.2-108.7 [4.22-4.28]	155.2 [6.11]
096	107.2-108.7 [4.22-4.28]	155.2 [6.11]
119	114.0-115.3 [4.48-4.54]	161.8 [6.37]
149	122.9-124.5 [4.84-4.90]	171.0 [6.73]
187	134.4-135.6 [5.29-5.34]	182.1 [7.17]
240	150.1-151.9 [5.91-5.98]	198.4 [7.81]
298	167.6-169.2 [6.60-6.66]	215.7 [8.49]

MOUNTING TYPE AC,AF,AH,AS,AW,AU,AY,BA,BE,BD

DISP	C	E MAX
X021	125.9-127.4 [4.96-5.02]	173.9 [6.85]
X025	127.4-128.9 [5.02-5.08]	175.4 [6.91]
X040	133.1-134.6 [5.24-5.30]	181.1 [7.13]
049	136.1-137.7 [5.36-5.42]	184.2 [7.25]
055	138.5-140.0 [5.45-5.51]	186.5 [7.34]
062	140.7-142.5 [5.54-5.61]	189.0 [7.44]
080	147.3-148.8 [5.80-5.86]	195.3 [7.69]
096	147.3-148.8 [5.80-5.86]	195.3 [7.69]
119	154.2-155.4 [6.06-6.12]	201.9 [7.95]
149	163.1-164.6 [6.42-6.48]	211.1 [8.31]
187	174.5-175.8 [6.87-6.92]	222.2 [8.75]
240	190.2-192.0 [7.49-7.56]	238.5 [9.39]
298	207.8-209.3 [8.18-8.24]	255.8 [10.07]

MOUNTING TYPE AD,AE,BJ

DISP	C	E MAX
049	77.7-80.0 [3.06-3.15]	126.5 [4.98]
055	80.0-82.3 [3.15-3.24]	128.8 [5.07]
062	82.3-84.8 [3.24-3.34]	131.3 [5.17]
080	88.9-91.2 [3.50-3.59]	137.7 [5.42]
096	88.9-91.2 [3.50-3.59]	137.7 [5.42]
119	95.5-97.8 [3.76-3.85]	144.3 [5.68]
149	104.6-106.9 [4.12-4.21]	153.4 [6.04]
187	116.1-118.1 [4.57-4.65]	164.6 [6.48]
240	131.8-134.4 [5.19-5.29]	180.8 [7.12]
298	149.4-151.6 [5.88-5.97]	198.1 [7.80]

MOUNTING TYPE AA

DISP	C	E MAX
049	146.8-148.8 [5.78-5.86]	195.3 [7.69]
055	149.1-151.1 [5.87-5.95]	197.6 [7.78]
062	151.4-153.7 [5.96-6.05]	200.2 [7.88]
080	158.0-160.0 [6.22-6.30]	206.5 [8.13]
096	158.0-160.0 [6.22-6.30]	206.5 [8.13]
119	164.6-166.6 [6.48-6.56]	213.1 [8.39]
149	173.7-175.8 [6.84-6.92]	222.3 [8.75]
187	185.2-186.9 [7.29-7.36]	233.4 [9.19]
240	200.9-203.2 [7.91-8.00]	249.7 [9.83]
298	218.4-220.5 [8.60-8.68]	267.0 [10.51]

MOUNTING TYPE AG

DISP	C	E MAX
049	124.2-125.7 [4.89-4.95]	172.2 [6.78]
055	126.5-128.0 [4.98-5.04]	174.5 [6.87]
062	128.8-130.6 [5.07-5.14]	177.0 [6.97]
080	135.4-136.9 [5.33-5.39]	183.4 [7.22]
096	135.4-136.9 [5.33-5.39]	183.4 [7.22]
119	142.0-143.5 [5.59-5.65]	190.0 [7.48]
149	151.1-152.6 [5.95-6.01]	199.1 [7.84]
187	162.6-163.8 [6.40-6.45]	210.3 [8.28]
240	178.3-180.1 [7.02-7.09]	226.6 [8.92]
298	195.8-197.4 [7.71-7.77]	243.8 [9.60]

MOUNTING TYPE AJ & BC

DISP	C	E MAX
049	139.7-141.7 [5.50-5.58]	188.2 [7.41]
055	142.0-144.0 [5.59-5.67]	190.5 [7.50]
062	144.3-146.6 [5.68-5.77]	193.0 [7.60]
080	150.9-152.9 [5.94-6.02]	199.4 [7.85]
096	150.9-152.9 [5.94-6.02]	199.4 [7.85]
119	157.5-159.5 [6.20-6.28]	206.0 [8.11]
149	166.6-168.7 [6.56-6.64]	215.1 [8.47]
187	178.1-179.8 [7.01-7.08]	226.3 [8.91]
240	193.8-196.1 [7.63-7.72]	242.6 [9.55]
298	211.3-213.4 [8.32-8.40]	259.8 [10.23]

MOUNTING TYPE BW

DISP	C	E MAX
049	70.3-71.7 [2.77-2.82]	118.2 [4.65]
055	72.6-74.0 [2.86-2.91]	120.5 [4.74]
062	75.0-76.3 [2.95-3.01]	122.8 [4.84]
080	81.4-82.8 [3.20-3.26]	129.2 [5.09]
096	81.4-82.8 [3.20-3.26]	129.2 [5.09]
119	88.1-89.5 [3.47-3.52]	136.0 [5.35]
149	97.2-98.5 [3.83-3.88]	145.0 [5.71]
187	108.5-109.9 [4.27-4.33]	156.4 [6.16]
240	124.5-125.8 [4.90-4.95]	172.3 [6.78]
298	141.9-143.2 [5.59-5.64]	189.7 [7.47]

MOUNTING TYPE AZ,BN

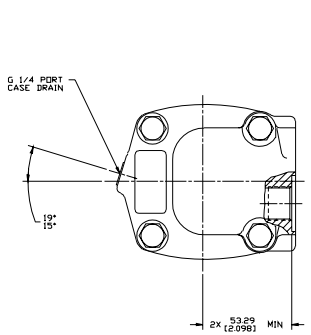
DISP	C	E MAX
049	91.4-93.7 [3.60-3.69]	140.2 [5.52]
055	93.7-96.0 [3.69-3.78]	142.5 [5.61]
062	96.0-98.3 [3.78-3.87]	144.8 [5.70]
080	102.4-104.9 [4.03-4.13]	151.4 [5.96]
096	102.4-104.9 [4.03-4.13]	151.4 [5.96]
119	109.2-111.5 [4.30-4.39]	158.0 [6.22]
149	118.1-120.6 [4.65-4.75]	167.1 [6.58]
187	129.5-131.8 [5.10-5.19]	178.3 [7.02]
240	145.5-147.8 [5.73-5.82]	194.3 [7.65]
298	162.8-165.4 [6.41-6.51]	211.8 [8.34]

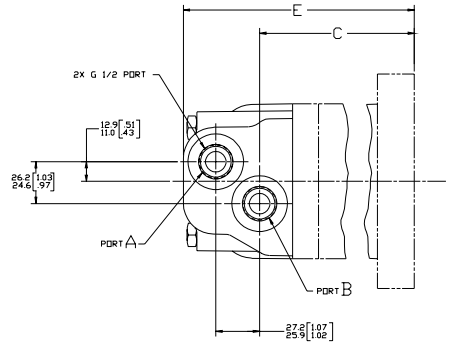
MOUNTING TYPE AL

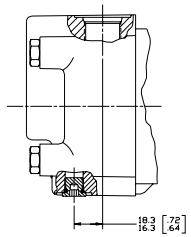
DISP	C	E MAX
049	98.0-99.6 [3.86-3.92]	146.1 [5.75]
055	100.4-101.9 [3.95-4.01]	148.4 [5.84]
062	102.6-104.4 [4.04-4.11]	150.9 [5.94]
080	109.2-110.7 [4.30-4.36]	157.2 [6.19]
096	109.2-110.7 [4.30-4.36]	157.2 [6.19]
119	115.8-117.3 [4.56-4.62]	163.8 [6.45]
149	125.0-126.5 [4.92-4.98]	173.0 [6.81]
187	136.4-137.7 [5.37-5.42]	184.1 [7.25]
240	152.1-153.9 [5.99-6.06]	200.4 [7.89]
298	169.7-171.2 [6.68-6.74]	217.7 [8.57]

MOUNTING TYPE 00

DISP	C	E MAX
049	73.5-75.4 [2.89-2.97]	121.5 [4.78]
055	75.8-77.7 [2.98-3.06]	123.8 [4.87]
062	78.1-80.1 [3.08-3.15]	126.1 [4.97]
080	84.5-86.5 [3.33-3.41]	132.6 [5.22]
096	84.5-86.5 [3.33-3.41]	132.6 [5.22]
119	91.3-93.2 [3.59-3.67]	139.3 [5.48]
149	100.3-102.3 [3.95-4.03]	148.3 [5.84]
187	111.7-113.7 [4.40-4.48]	159.7 [6.29]
240	127.6-129.6 [5.02-5.10]	175.6 [6.92]
298	145.3-146.7 [5.71-5.79]	193.0 [7.60]







NOTE
1 PORT OPTION: AG
2 CASE FLOW OPTION: 02, 09,10

REVIEWED FOR CLASSIFICATION PER ESP-042

DRAWING BASED ON ASME Y14.5M-1994

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN
INCHES ☐
MILLIMETERS (INCHES) ☒
TOLERANCES
X ± -----
XX ± ----
XXX ± ----
∠ ± -°--
UNSPECIFIED RADII ARE –
UNSPECIFIED DRAFT ANGLES ARE –
E SIZE

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	BY/DATE
DRAWN	RAF 4-13-93
CHECKED	K. RANDOLPH 4-22-93
ENGR.	W. BERNSTROM 4-22-93
METALLURGY	---- ----

THIRD ANGLE PROJECTION
DO NOT SCALE

MATERIAL/HEAT TREAT
–
–

TITLE
2000 SERIES MOTOR PORT INSTALLATION

MICROINCHES ☐
MICROMETERS ☐
ARITHMETICAL AVERAGE

NUMBER
A-673-009

SCALE 1/1 SHEET 1 OF 1