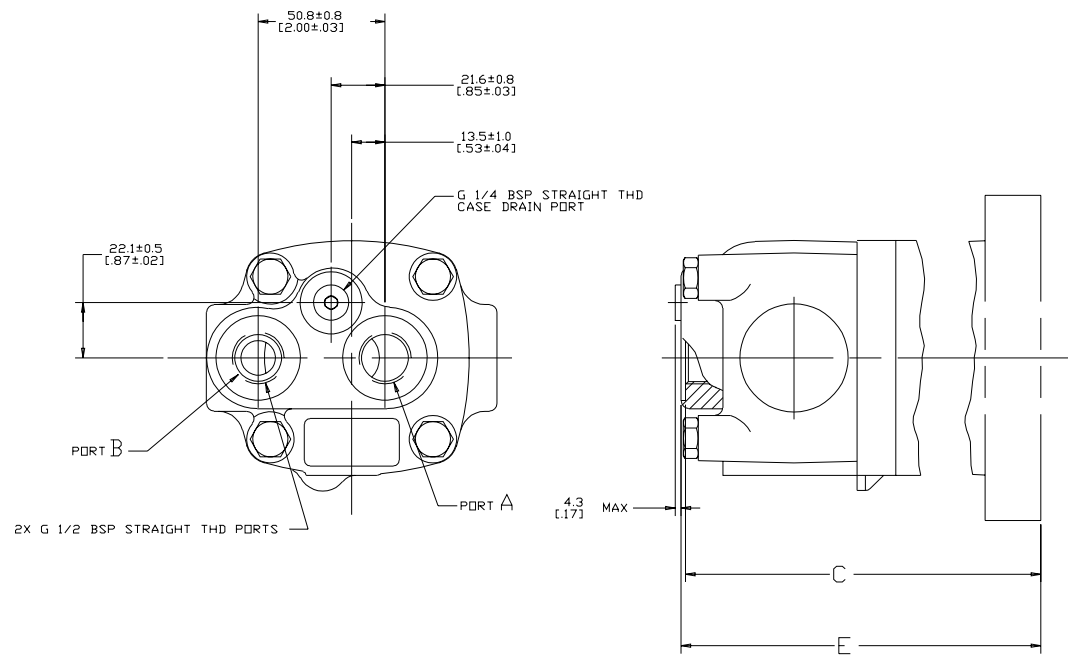


| 8 | | | 7 | | | 6 | | | 5 | | | 4 | | | 3 | | |
|------------------------------|----------------------------|-----------------|--|-----------------------------|------------------|------------------|----------------------------|-----------------|------------------|-------------------------------|------------------|------------------|----------------------------|-----------------|---|--|--|
| MOUNTING TYPE(S) AB,AM,AP,AR | | | MOUNTING TYPE(S) AC,AF,AH,AN,AS,AW,BA,BE | | | MOUNTING TYPE AD | | | MOUNTING TYPE AJ | | | MOUNTING TYPE AL | | | | | |
| DISP | C | E MAX | DISP | C | E MAX | DISP | C | E MAX | DISP | C | E MAX | DISP | C | E MAX | | | |
| 049 | 141.7-143.3 [5.58-5.64] | 145.3 [5.72] | 049 | 181.9-183.4 [7.16-7.22] | 185.4 [7.30] | 049 | 123.4-125.7 [4.86-4.95] | 127.8 [5.03] | 049 | 185.4-187.5 [7.30-7.38] | 189.5 [7.46] | 049 | 143.8-145.3 [5.66-5.72] | 147.3 [5.80] | | | |
| 062 | 146.3-148.1 [5.76-5.83] | 150.1 [5.91] | 062 | 186.4-188.2 [7.34-7.41] | 190.2 [7.49] | 062 | 128.0-130.6 [5.04-5.14] | 132.6 [5.22] | 062 | 190.0-192.3 [7.48-7.57] | 194.3 [7.65] | 062 | 148.3-150.1 [5.84-5.91] | 152.1 [5.99] | | | |
| 080 | 152.9-154.4 [6.02-6.08] | 156.5 [6.16] | 080 | 193.0-194.6 [7.60-7.66] | 196.6 [7.74] | 080 | 134.6-136.9 [5.30-5.39] | 138.9 [5.47] | 080 | 196.6-198.6 [7.74-7.82] | 200.7 [7.90] | 080 | 154.9-156.5 [6.10-6.16] | 158.5 [6.24] | | | |
| 096 | 152.9-154.4 [6.02-6.08] | 156.5 [6.16] | 096 | 193.0-194.6 [7.60-7.66] | 196.6 [7.74] | 096 | 134.6-136.9 [5.30-5.39] | 138.9 [5.47] | 096 | 196.6-198.6 [7.74-7.82] | 200.7 [7.90] | 096 | 154.9-156.5 [6.10-6.16] | 158.5 [6.24] | | | |
| 119 | 159.5-161.0 [6.28-6.34] | 163.1 [6.42] | 119 | 199.6-201.2 [7.86-7.92] | 203.2 [8.00] | 119 | 141.2-143.5 [5.56-5.65] | 145.5 [5.73] | 119 | 203.2-205.2 [8.00-8.08] | 207.3 [8.16] | 119 | 161.5-163.1 [6.36-6.42] | 165.1 [6.50] | | | |
| 149 | 168.7-170.2 [6.64-6.70] | 172.2 [6.78] | 149 | 208.8-210.3 [8.22-8.28] | 212.3 [8.36] | 149 | 150.4-152.7 [5.92-6.01] | 154.7 [6.09] | 149 | 212.3-214.4 [8.36-8.44] | 216.4 [8.52] | 149 | 170.7-172.2 [6.72-6.78] | 174.2 [6.86] | | | |
| 187 | 180.1-181.4 [7.09-7.14] | 183.4 [7.22] | 187 | 220.1-221.7 [8.66-8.73] | 223.7 [8.81] | 187 | 161.6-164.0 [6.36-6.46] | 166.1 [6.54] | 187 | 223.6-225.8 [8.80-8.89] | 227.8 [8.97] | 187 | 182.1-183.4 [7.17-7.22] | 185.4 [7.30] | | | |
| 240 | 195.8-197.6 [7.71-7.78] | 199.6 [7.86] | 240 | 236.0-237.7 [9.29-9.36] | 239.8 [9.44] | 240 | 177.5-180.1 [6.99-7.09] | 182.1 [7.17] | 240 | 239.5-241.8 [9.43-9.52] | 243.8 [9.60] | 240 | 197.9-199.6 [7.79-7.86] | 201.7 [7.94] | | | |
| 298 | 213.4-214.9 [8.40-8.46] | 216.9 [8.54] | 298 | 253.5-255.0 [9.98-10.04] | 257.0 [10.12] | 298 | 195.1-197.4 [7.68-7.77] | 199.4 [7.85] | 298 | 257.0-259.12 [10.12-10.20] | 261.1 [10.28] | 298 | 215.4-216.9 [8.48-8.54] | 218.9 [8.62] | | | |

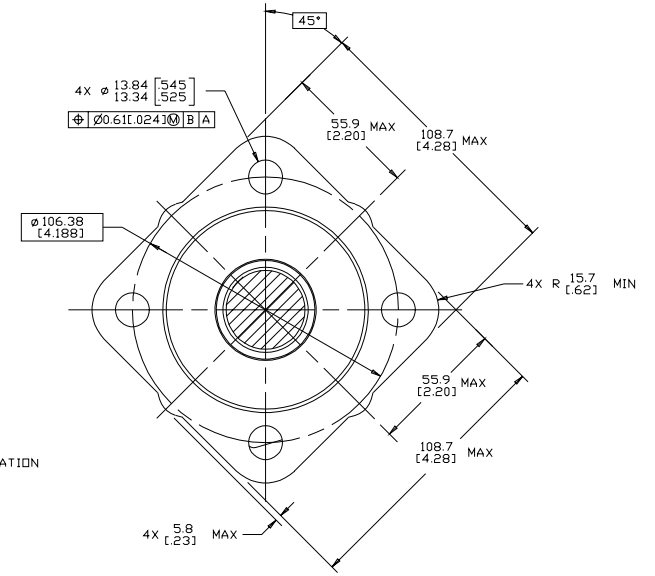
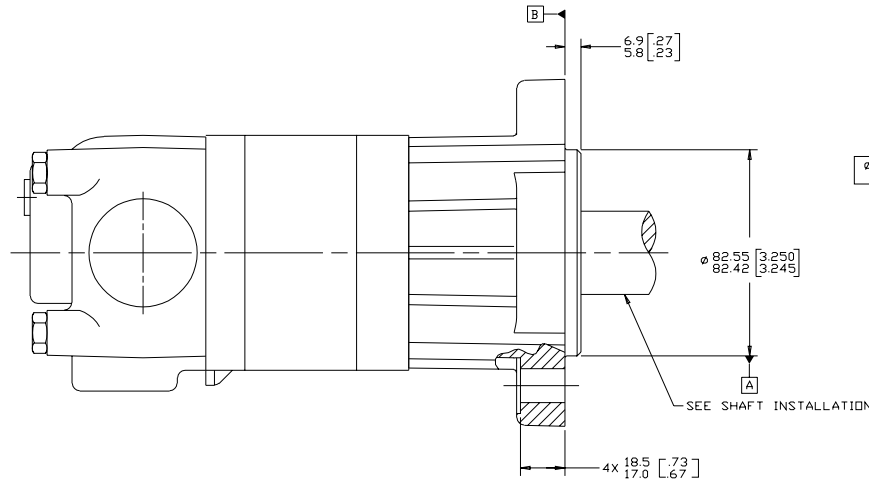
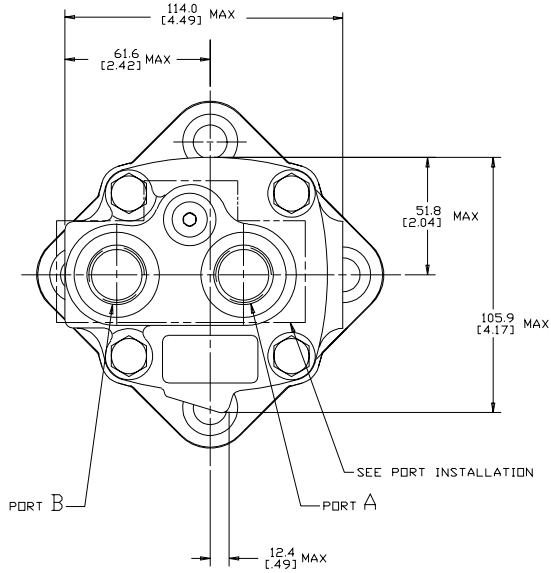
| REV | REVISION | BY | DATE | ECN |
|-----|---|-----|----------|---------|
| A | ENGINEERING RELEASE | RAF | 4-18-97 | M16947A |
| B | (8)ADDED MOUNTING TYPE L TO TAB | AGJ | 2-25-02 | M30122 |
| C | -1)REVISED MOUNTING TAB CODES -2)NOTE 1 WAS PORT OPTION: 1 -2)ADDED NOTE 2 | AGJ | 5-13-02 | 41044 |
| D | (5B) 4.3(.17) MAX -WAS- 3(.12) MAX | MGF | 4-02-03 | 43697 |
| E | REVISED TABULATION BLOCKS | AGJ | 5-17-04 | 47918 |
| F | REVISED FOR STACK-UP | SMT | 11-01-12 | 0044656 |
| G | -1X(8)ADDED MOUNTING TYPE AR TO TAB -2)REVISED ALL TABULATION BLOCK | ABH | 05-29-14 | M92971 |
| H | (6B)(4B) REVISED PICTORIALLY | CSG | 02-09-16 | M99579 |



NOTE
 1 PORT OPTION: AN
 2 CASE FLOW OPTION: 02

| | | | |
|---|---|---|--|
| UNLESS OTHERWISE SPECIFIED AS NOTED DIMENSIONS ARE IN | | DRAWING BASED ON ASME Y14.5M-1994 | |
| INCHES <input type="checkbox"/> | MILLIMETERS <input checked="" type="checkbox"/> | EATON CORPORATION - CONFIDENTIAL AND PROPRIETARY NOTICE TO PERSONS RECEIVING THIS DRAWING: THIS DRAWING CONTAINS TRADE SECRETS AND/OR TECHNICAL INFORMATION. IT IS TO BE KEPT CONFIDENTIAL AND NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF EATON CORPORATION. AT 0201-0001 | |
| TOLERANCES | | MATERIAL/HEAT TREAT | |
| XX ± REF | DRAWN: RAF | BY DATE: 4-18-97 | |
| XXX ± DNL Y | CHECKED: GCB | BY DATE: 4-18-97 | |
| UNSPECIFIED RADI ARE | ENGR: VJD | TITLE: 2000 SERIES MOTOR PORT INSTALLATION | |
| UNSPECIFIED DRAFT ANGLES ARE | METALLURGY: ----- | BY DATE: 4-18-97 | |
| DRAWING FORMAT: CAD <input checked="" type="checkbox"/> MANUAL <input type="checkbox"/> | THIRD ANGLE PROJECTION | MICROINCHES <input type="checkbox"/> | NUMBER <input checked="" type="checkbox"/> |
| CAD <input checked="" type="checkbox"/> MANUAL <input type="checkbox"/> | DO NOT SCALE | SCALE: 1/1 | SHEET 1 OF 1 |

| SYM | REVISION | BY | DATE | ECN |
|-----|---|-----|----------|--------|
| A | ENGINEERING RELEASE | AGJ | 5-26-93 | 22833 |
| B | REVISED | MJZ | 6-18-96 | 27921 |
| C | (5A)NOTE 2 WAS MOUNTING TYPE: H | AGJ | 5/13/02 | 41044 |
| D | (2C)108.7 [4.28] MAX WAS 108.7 [4.188] MAX | AGJ | 9-16-03 | 45327 |
| E | (3C)4X ϕ 13.84 [13.34 [5.45/5.25] WAS 4X ϕ 13.72 [13.46 [5.40/5.30] | AGJ | 9-30-03 | 45504 |
| F | (1)REVISED DIMENSIONS AS PER STACK UP (2)UPDATED TO ASME Y14.5-2009 STANDARD | NRI | 2-07-14 | M91935 |
| G | (7C)REVISED PICTORIALY | JVD | 08-12-15 | M97716 |



NOTE

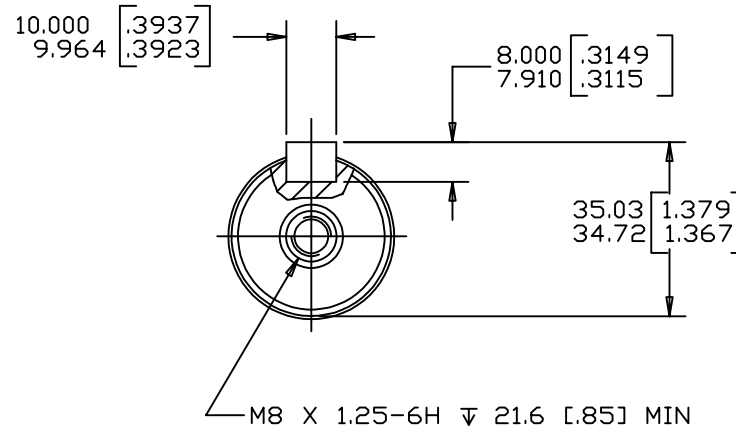
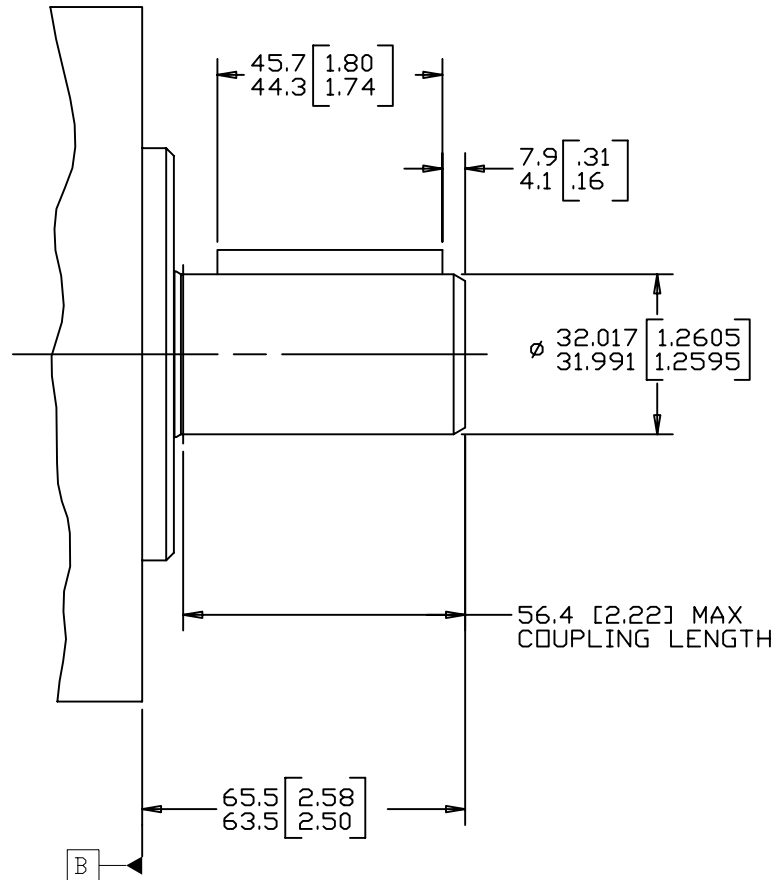
- ROTATION:
STANDARD: WHEN FACING SHAFT END OF MOTOR, SHAFT TO ROTATE;
CLOCKWISE WHEN PORT "A" IS PRESSURIZED;
COUNTERCLOCKWISE WHEN PORT "B" IS PRESSURIZED

REVERSE: WHEN FACING SHAFT END OF MOTOR, SHAFT TO ROTATE;
CLOCKWISE WHEN PORT "B" IS PRESSURIZED;
COUNTERCLOCKWISE WHEN PORT "A" IS PRESSURIZED
- MOUNTING TYPE: AH
STANDARD 4 BOLT: ϕ 82.6 [3.25] PILOT
 ϕ 13.59 [5.35] HOLES ON ϕ 106.4 [4.19] BOLT CIRCLE

REVIEWED FOR CLASSIFICATION PER ESP -042

| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN | | DRAWING BASED ON ASME Y14.5M-2009 | |
|--|-------------------------------------|---|---------------------------|
| INCHES | <input type="checkbox"/> | EATON CORPORATION - CONFIDENTIAL AND PROPRIETARY | |
| MILLIMETERS | <input checked="" type="checkbox"/> | NOTES TO PERSON RECEIVING THIS DRAWING | |
| TOLERANCES | | AND/OR TECHNICAL INFORMATION | |
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| XX ± REF | ---- | BY: A. JOHNSON | MATERIAL/HEAT TREAT |
| XXX ± ONLY | ---- | BY DATE: 2/18/93 | |
| Z | ---- | DATE: 6-24-93 | |
| UNSPECIFIED RADI ARE | ---- | BY DATE: 6-28-93 | TITLE |
| UNSPECIFIED DRAFT ANGLES ARE | ---- | METALLURGY: ---- | 2000 SERIES MOTOR INSTALL |
| UNSPECIFIED THIRD ANGLE PROJECTION | <input checked="" type="checkbox"/> | DO NOT SCALE | NUMBER |
| D SIZE | <input checked="" type="checkbox"/> | ARITHMETICAL AVERAGE | A-669-002 |
| | | | SCALE 1/1 SHEET 1 OF 1 |

| REV | DESCRIPTION | BY | DATE | ECN |
|-----|---|-----|---------|---------|
| A | ENGINEERING RELEASE | AGJ | 5-26-93 | 22833 |
| B | 7.9/4.1[.31/.16] WAS 9.2/4.5[.36/.18] | RAF | 2-8-96 | M14882 |
| C | ADDED MOUNTING TYPE OPTION W TO NOTE 1 | AGJ | 6-1-99 | M21685 |
| D | NOTE 1 WAS MOUNTING TYPE: OPTION H OR W | AGJ | 5-13-02 | 41044 |
| E | 65.5/63.5 [2.58/2.50] WAS 65.8/63.5 [2.59/2.50] | AGJ | 5-17-04 | 47918 |
| F | NOTE 2 WAS OUTPUT SHAFT: OPTION 23 & 30 | PM | 4-4-06 | 54522 |
| G | NOTE 1 WAS MOUNTING TYPE: OPTION AH, AW & AY | YUP | 1-05-17 | M103022 |



REVIEWED FOR CLASSIFICATION PER ESP-042

NOTE

- 1 MOUNTING TYPE: OPTION AH, AS, AW & AY
- 2 OUTPUT SHAFT: OPTION 16 & 22

| | | | |
|--|----------------------------|--|---|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES <input type="checkbox"/> MILLIMETERS <input checked="" type="checkbox"/> | | DRAWING BASED ON ASME Y14.5-2009 | |
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| .XXX ± ONLY | ∠ ± ---- | | |
| UNSPECIFIED RADII ARE ---- | ENGRG BY/DATE S.JZ 6-28-93 | MATERIAL/HEAT TREAT | <small>Powering Business Worldwide</small> Eaton Hydraulics LLC, 14615 Lone Oak Road Eden Prairie, MN 55344 USA |
| UNSPECIFIED DRAFT ANGLES ARE ---- | METALLURGY BY/DATE ---- | TITLE | |
| DRAWING FORMAT CADD <input checked="" type="checkbox"/> MANUAL <input type="checkbox"/> | THIRD ANGLE PROJECTION | 2000 SERIES MOTOR SHAFT INSTALLATION | NUMBER |
| | DO NOT SCALE | ARITHMETICAL AVERAGE <input checked="" type="checkbox"/> | A-687-023 |
| | | SCALE 1/1 | SHEET 1 OF 1 |