| PART NUMBER | MODEL NUMBER | CUSTOMER CONNECTIONS | A | B | C | MOUNTING KIT 2 |
|---|---|---|---|---|---|---|
| 497-4209-00 | YAS104K<br>YAS122K | BRAZED<br>WITHOUT SIGHT GLASS<br>WITHOUT OIL ADJUSTMENT | - | - | - | 527-0221-00 |
| 497-4209-01 | YAS104K<br>YAS122K | BRAZED<br>WITH SIGHT GLASS<br>WITH OIL ADJUSTMENT | 112.8<br>[4.44] | 116.7<br>[4.59] | - | 527-0221-00 |
| 497-4209-02 | YAS104K<br>YAS122K | BRAZED<br>WITHOUT SIGHT GLASS<br>WITH OIL ADJUSTMENT | - | 116.7<br>[4.59] | 330.2<br>[13.00] | 527-0182-01 |

| SPECIFICATIONS | |
|---|---|
| ES NO. | DESCRIPTION |
| ES92-155 | CONVERSION-METRIC |

NOTES:

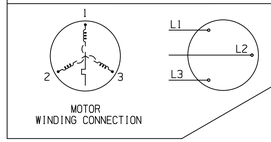
1. ALL TOLERANCES ± 1.5 [0.06] UNLESS OTHERWISE SPECIFIED DUE TO ACCUMULATED ASSEMBLY TOLERANCES THE LISTED COMPONENTS MAY VARY FROM THE MOUNTING HOLES AS TABULATED.
2. ◆ ALL FITTINGS: ± 3.0 [0.12]
3. MOUNTING KIT PER BOM.
4. TUBE ENDS MUST BE PLUGGED.
5. GROUNDING SCREW AND WASHER PER BOM.

COMPRESSOR WIRING DIAGRAM

THREE PHASE MOTOR WITH

INTERNAL PROTECTION

USE COPPER CONDUCTORS ONLY. USE THIS ON A GROUNDED SYSTEM ONLY. USE MINIMUM 75° C WIRE FOR AMPACITY. DETERMINATION. INTERNAL MOTOR PROTECTION-ALLOW TIME FOR RESET. PRIMARY SINGLE PHASE FAILURE PROTECTION IS PROVIDED. CRANKCASE HEATER, WHEN APPLIED, MUST BE CONNECTED ONLY TO ITS RATED VOLTAGE. OVERCURRENT PROTECTION DEVICE RATING AND TYPE MUST BE IN ACCORDANCE WITH REGULATORY AGENCY END PRODUCT APPROVALS - SEE SYSTEM NAMEPLATE. TO CORRECT IMPROPER MOTOR ROTATION, SWITCH ANY TWO SUPPLY LINES.




MOTOR
WINDING CONNECTION

| ENG NOTICE NO. | REV.NO. | REVISIONS | DATE | BY | CHKD |
|---|---|---|---|---|---|
| ECN320490 | 0 | RELEASED | 11-28-23 | JXD | EL |


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COPELAND

INTERPRET PER ASME Y14.5M-1994 AND COPELAND DESIGN STANDARDS DS2002

DO NOT SCALE DRAWING

CRITICAL PRODUCT CHARACTERISTICS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE MILLIMETER OR [INCH]
TOLERANCES:
1-PLACE ±
2-PLACE ± .
ANGULAR ± 1

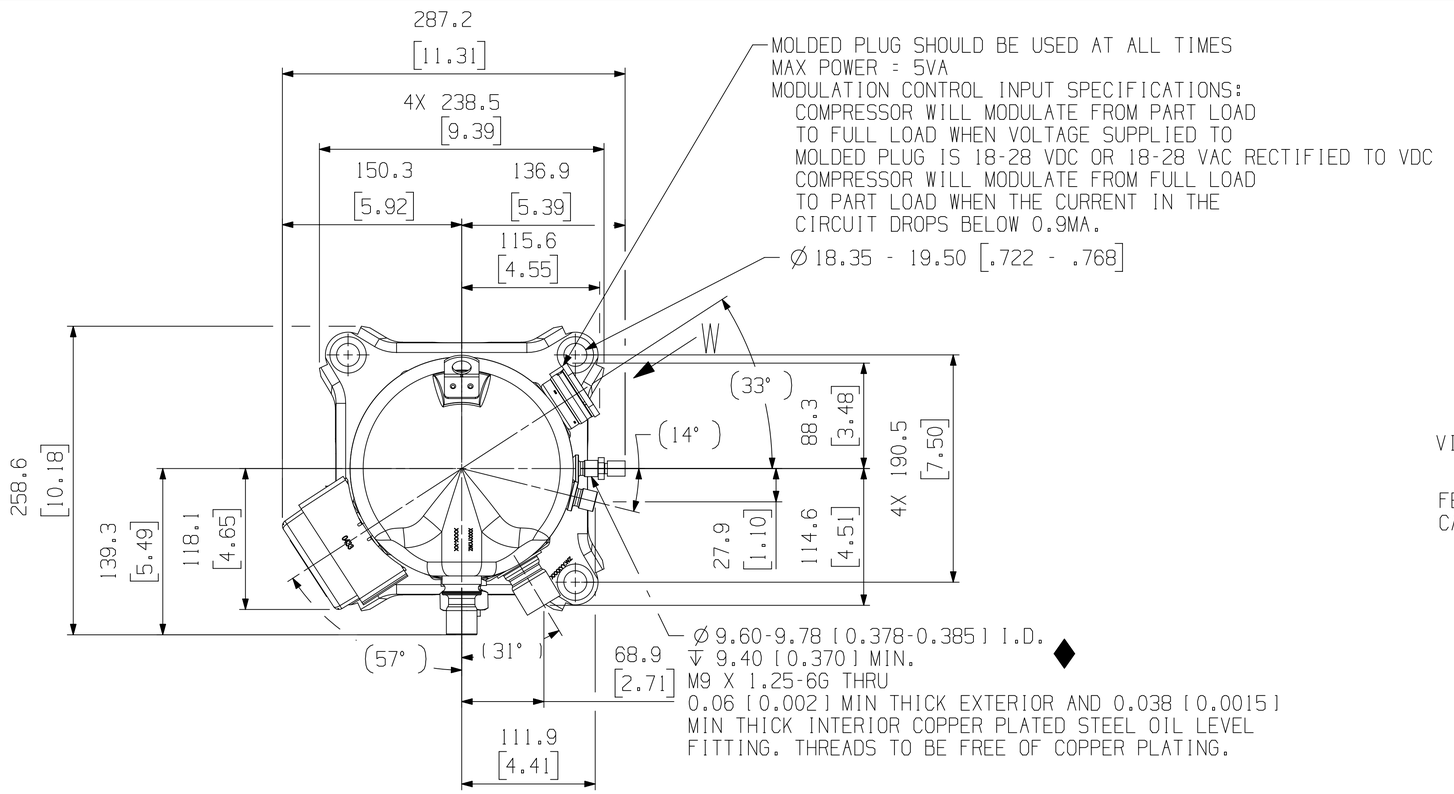
| MATERIAL SPECIFICATION | DRAWN BY | SUPERSEDES DWG NO / | REV NO |
|---|---|---|---|
| N/A | JXD | / | |
| | DATE 11-28-23 | SCALE 2:5 | DATE FORMAT: MM-DD-YY |

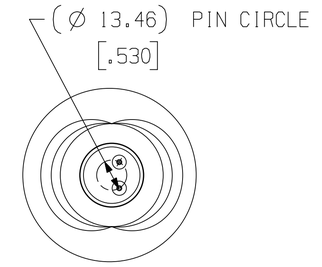
TITLE: REF DWG-WELD COMP ASSM

DRAWING NUMBER: 497-4209-00 SHEET 1 OF 2 DWG 4 SIZE

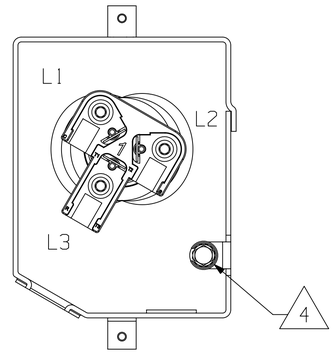

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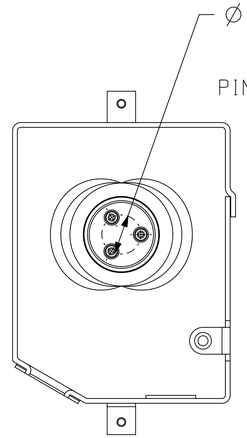


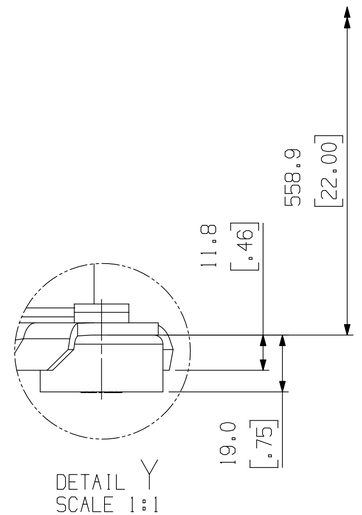

VIEW W 237°
SCALE 3:4
FENCE-FUSED CLUSTER &
CABLE-POWER REMOVED




T-BOX LAYOUT
OPTIONAL
SCALE 3:4




MOLDED PIUG LAYOUT
STANDARD
SCALE 3:4




DETAIL Y
SCALE 1:1

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| ECN320490 | 0 | RELEASED | 11-28-23 | JXD | EL |
| ENG NOTICE NO. | REV.NO. | REVISIONS | DATE | BY | CHKD |

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◆ CRITICAL PRODUCT CHARACTERISTICS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE MILLIMETER OR [INCH]
TOLERANCES:
1-PLACE ± .
2-PLACE ± .
ANGULAR ± °

| MATERIAL SPECIFICATION | DRAWN BY | SUPERSEDES DWG NO / REV NO |
|---|---|---|
| N/A | JXD | / |
| | DATE 11-28-23 | SCALE 2:5 |
| | | DATE FORMAT: MM-DD-YY |

TITLE: REF DWG-WELD COMP ASSM

DRAWING NUMBER: 497-4209-00 | SHEET 2 OF 2 | DWG 4 | SIZE

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