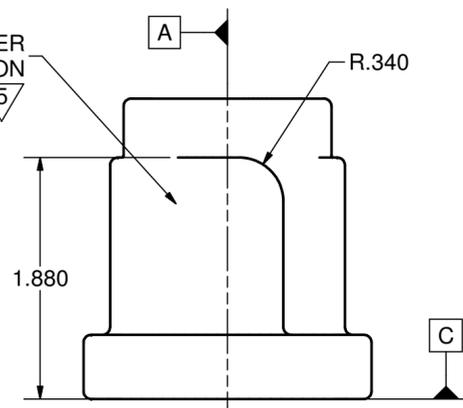


MANUFACTURING DATE CODE TO BE PLACED AT THIS LOCATION  
5

FOUNDRY INFO AND PART NUMBER TO BE LOCATED AT THIS LOCATION  
5



10. DATUM TARGETS  $\text{A1}$ ,  $\text{A2}$ , AND  $\text{A3}$  ESTABLISH  $\text{A}$  AND  $\text{B}$ . DATUM  $\text{C1}$  ESTABLISHES  $\text{C}$ .
11. DATUM TARGETS  $\text{A1}$ ,  $\text{A2}$ , AND  $\text{A3}$  ARE AT THE SURFACE INDICATED INSIDE  $\text{Ø}.25$ .  
TARGET  $\text{C1}$  IS THE SURFACE INDICATED INSIDE  $\text{Ø}.50$ .  
THEY ESTABLISH THE 3 AXIS FOR CASTING QUALIFICATION CENTER.

NOTES:

1. MAT'L: A356-T6 ALUMINUM.
2. THIS CASTING IS DESIGNED FOR 500 PSI OPERATING PRESSURE. CASTING MUST BE FREE OF POROSITY, COLD SHUTS AND OTHER IMPERFECTIONS, INTERNALLY AND EXTERNALLY DETRIMENTAL TO THE STRENGTH AND PRESSURE TIGHTNESS OF THE CASTING.
3. THE CASTING SHALL BE FREE OF ALL CORE SAND, FINS, SCALE AND EXCESSIVE SNAGGING DEPTH.
4. ALL RADII TO BE .06" UNLESS OTHERWISE SPECIFIED.
5. CHARACTERS TO BE .188" HIGH AND RAISED .03" AS SHOWN.
6. DRAFT: DIMENSIONS AND TOLERANCES SHOWN EXCLUDE DRAFT. DRAFT ADDS MASS.
7. PART VOLUME = 6.660 in<sup>3</sup> (SOLID MASS).
8. PART WEIGHT = 0.643 lbmass (PER .0965 #/IN.<sup>3</sup> DENSITY).
9. ALL EXTERNAL DIMENSIONAL TOLERANCE TO BE  $\pm .030$ . ALL ANGULAR LOCATION DIMENSIONS THAT DO NOT DEFINE AN EDGE, HAVE  $\text{A} \pm .060$  TOLERANCE AT THE INTERSECTION OF THE LINES, AS DIMENSIONED. ALL ANGULAR TOLERANCE TO BE  $\pm 1^\circ$ .

|   |                        |   |  |            |        |     |            |
|---|------------------------|---|--|------------|--------|-----|------------|
| STANDARD CATALOG PRODUCT  | REQ'D ENGR'G STANDARDS | MATERIAL  | SUPERSEDES   |            |        |     |            |
| TOLERANCE UNLESS OTHERWISE SPECIFIED  | 2.004.001              | SEE NOTE 1  | -  |            |        |     |            |
| 2 PLACE = $\pm .03$   | -                      | HEAT TREAT  | -  |            |        |     |            |
| 3 PLACE = $\pm .010$  | -                      | FINISH  | -  |            |        |     |            |
| ANGLE $\pm 2^\circ$   | -                      | DO NOT SCALE DRAWING  | -  |            |        |     |            |
| DIMENSIONS ARE INCH   | -                      | THIRD ANGLE PROJECTION  | -  |            |        |     |            |
| <small>THIS DOCUMENT CONTAINS INFORMATION THAT IS CONFIDENTIAL AND PROPRIETARY TO PARKER HANNIFIN CORPORATION (PARKER). IT IS NOT TO BE COPIED OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN CONDUCTING BUSINESS WITH PARKER. THE RECIPIENT OF THIS DOCUMENT, THROUGH ITS OWN ANALYSIS AND TESTING, IS SOLELY RESPONSIBLE FOR MAKING THE FINAL SELECTION OF THE APPLICABLE SYSTEM AND COMPONENTS AND ASSURING THAT ALL PERFORMANCE, ENDURANCE, MAINTENANCE, SAFETY AND WARNING REQUIREMENTS OF THE APPLICATION ARE MET.</small> |                        | PRODD. STATUS<br>ECO NO.<br>SCALE<br>SIZE<br>CODE<br>DR BY<br>SWARE | DESCRIPTION<br>L SERIES SOLENOID BONNET CASTING<br>XD6427<br>XD6427<br>SHEET 1 OF 1<br>REV. -<br>CH DATE<br>01-24-2014 |            |        |     |            |
| REV   | DATE                   | DRN   | ECO NO.  | DR DATE    | CHK BY | DLR | CH DATE    |
|   |                        |   |  | 01-14-2014 |        |     | 01-24-2014 |

| SYM | REVISION DESCRIPTION |
|-----|----------------------|
|     |                      |