FEATURES

- Triplex design delivers high efficiency and low pulsation.
- Durable dual V-Packings are lubricated and cooled by pumped liquid.
- Pre-Set Lo-Pressure Seals provide secondary protection against external leaks and require no packing adjustment.
- Special high density, polished, concentric plungers provide a true wear surface and extended seal life.
- Specially formulated Seals and V-Packings offer unmatched performance and extended seal life.
- Ceramic plungers, Seals and V-Packings are serviceable from the top of the crankcase permitting easy in-field servicing.

COMMON SPECIFICATIONS

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<tr>
<th>Feature</th>
<th>U.S. Measure</th>
<th>Metric Measure</th>
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<tr>
<td>Inlet Pressure Range</td>
<td>Flooded to 50 psi</td>
<td>Flooded to 3.5 bar</td>
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<td>Maximum Liquid Temperature</td>
<td>120° F</td>
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<td>Stroke</td>
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<td>Crankcase Capacity</td>
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<td>Inlet Ports (2) (Flange Required)</td>
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<td>Discharge Ports (2) (Flange Req.)</td>
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<td>Dimensions</td>
<td>68.11 x 42.13 x 22.05”</td>
<td>1730 x 1070 x 560 mm</td>
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SPECIFICATIONS

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<tr>
<th>Model</th>
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<td>152R060/152R060C</td>
<td>115 gpm</td>
<td>435 lpm</td>
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<td>Pressure Range*</td>
<td>100 to 1200 psi</td>
<td>6.9 to 83 bar</td>
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<tr>
<td>Pump RPM**</td>
<td>360 rpm</td>
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<td>Maximum RPM***</td>
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*Relief pressure should be set at maximum 10% over system pressure.
**Pump minimum is 75 RPM
***Optimum inlet conditions required.
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**EXPLODED VIEW**

**Models**
- Duplex Stainless Steel
  - 152R060, 152R060C, 152R080
  - 152R080C, 152R100, 152R100C
  - August 2016

*Bold print part numbers are unique to a particular pump model. Italics are optional items.*

**Material Codes**
- AL=Aluminum
- CC=Ceramic
- CM=Chrome-Moly
- D=Acetal
- F=Cast Iron
- FPM=Fluorocarbon
- M=Mazak
- NAB=Nickel Aluminum Bronze
- NBR=Medium Nitrile (Buna-N)
- NY=Nylon
- PC=Polycarbonate
- POP=Polypropylene
- PTFE=Pure Polytetrafluoroethylene
- RBR=Rubber
- SFTK=Polytetrafluoroethylene/Aramid Fiber Blend
- SS=316SS
- SSD=Duplex Stainless
- STL=Steel
- STTC=Steel PTFE Coated
- STP=Steel/Zinc Plated

*Loctite is a registered trademark of the Henkel Corporation.*

**View Tech Bulletins** 002, 043, 115, 116. [Date of latest production change. *Review material codes for individual items (SFTK generally may be used as alternate).**

**Additional Information**
- Model numbers include (b) where blank where size varies.
- Loctite 222 and model specific threads are required.
- Bolt sizes and lengths are included.
- Fasteners are available from Loctite Catalog.
- Models are designed for use with 152R060, 152R080, 152R100.
- Cross references to mill parts numbers are provided on request.
- See Tech Bulletins 002, 043, 115, 116 for additional information.
CAUTIONS AND WARNINGS
All High Pressure Systems require a primary pressure regulating device (i.e. regulator, unloader) and a secondary pressure relief device (i.e. pop-off valve, relief valve). Failure to install such relief devices could result in personal injury or damage to pump or property. Cat Pumps does not assume any liability or responsibility for the operation of a customer’s high pressure system.

Read all CAUTIONS and WARNINGS before commencing service or operation of any high pressure system. The CAUTIONS and WARNINGS are included in each service manual and with each Accessory Data sheet. CAUTIONS and WARNINGS can also be viewed online at www.catpumps.com/cautions-warnings or can be requested directly from Cat Pumps.

WARRANTY
View the Limited Warranty on-line at www.catpumps.com/warranty.