# Dimensional Drawings for Priming Pumps

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<td>Mounting</td>
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<td>Rotary Vane</td>
<td>VPO</td>
<td>On the Transmission by Waterous</td>
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<td>VPOS</td>
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<td>Manual Diaphragm</td>
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<td>Optional Five Quart Priming Lubricant Tank</td>
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(Used when Prime-Safe™ Lubricant is used with VPO or VPOS Priming Pumps)
NOTE:
1. GPM MAY ATTACH HOSES TO 3/4 IN. DISCHARGE PORTS TO DIRECT DISCHARGE TO A REMOTE LOCATION. WATEROUS DOES NOT FURNISH HOSES. SEE VPO'S PAGE 6 FOR LOCATION OF PORTS.

SEEN SOLENOID DETAIL ABOVE

TO PRIMING VALVE
(SEE DRAWING DPL82083)

ALL DIMENSIONS SHOWN AS INCH/ MILLIMETER

INCH
MILLIMETER

C20 & C21 SERIES TRANSMISSION
MODEL VPO, ROTARY VANE PRIMING PUMP
MOUNTED ON THE TRANSMISSION BY WATEROUS 12 VOLT SHOWN
NOTE:
1. OEM MAY ATTACH HOSES TO 3/4 IN. DISCHARGE PORTS TO DIRECT PRIMER DISCHARGE TO A REMOTE LOCATION. WATEROUS DOES NOT FURNISH HOSES.

QC SERIES TRANSMISSION
MODEL VFO, ROTARY VANE PRIMING PUMP
MOUNTED ON THE TRANSMISSION BY WATEROUS
24 VOLT SHOWN
NOTE:
1. OEM may attach hoses to 3/4 in. discharge ports to direct primer discharge to a remote location. Waterous does not furnish hoses. See VPO5 page 6 for location of ports.

SEE SOLENOID DETAIL ABOVE

TO PRIMING VALVE
(SEE DRAWING DPL82083)

SEEN IN

ALL DIMENSIONS SHOWN AS INCH/MILLIMETER
INCH
MILLIMETER

WB SERIES TRANSMISSION
MODEL VPO, ROTARY VANE PRIMING PUMP
MOUNTED ON THE TRANSMISSION BY WATEROUS 12 VOLT SHOWN
PRIMING PUMP AND MOTOR MUST BE MOUNTED IN THIS ORIENTATION TO ALLOW FOR PROPER DRAINAGE.

2X 5/16-18 UNC-2B MOUNTING HOLES BOTH SIDES

3/4 NPT INTAKE PORT

1/8 NPT PLUG (OPTIONAL ENVIRONMENTALLY SAFE LUBRICANT PORT)

5/16-18 STUD

5/16-18 GROUND STUD

MODEL VPOS, ROTARY VANE PRIMING PUMP
SEPARELTY MOUNTED BY THE OEM
12 VOLT SHOWN

ALL DIMENSIONS SHOWN IN INCH/MILLIMETER
OPTIONAL PRIMING LUBRICANT TANK
CAPACITY: 5 QUARTS/4.73 LITERS
(TO BE MOUNTED BY OEM)