SERVICE KITS

Refer to Model Description Chart to match the pump material options.
637303-XXX for Fluid Section repair with seats (see page 5).
637303-Xx for Fluid Section repair without seats (see page 5).
NOTE: This kit also contains several air motor seals which will need to be replaced.
637369 for Air Section repair (see page 7).
637374-X Major Air Valve assembly (see page 8).

PUMP DATA

Models: see Model Description Chart for “-XXX”
Pump Type: Metallic Air Operated Double Diaphragm
Material: see Model Description Chart
Weight:
PX30R-XS-X-XXX-CXXX .......... 221.1 lbs (100.3 kgs)
PX30R-AS-X-XXX-CXXX, -BSX .......... 228.8 lbs (103.8 kgs)
PD30R-FS-X-XXX-CXXX, -DSX .......... 245.6 lbs (111.4 kgs)
Maximum Air Inlet Pressure .......... 120 psig (8.3 bar)
Maximum Material Inlet Pressure .......... 10 psig (0.69 bar)
Maximum Outlet Pressure .......... 120 psig (8.3 bar)
Maximum Flow Rate .......... 237 gpm (897 lpm)
      flooded inlet .......... 275 gpm (1041 lpm)
Displacement / Cycle @ 100 psig .......... 2.8 gal. (10.6 lit.)
Maximum Particle Size .......... 3/8” dia. (9.5 mm)
Maximum Temperature Limits (diaphragm / ball / seat material)
E.P.R. / EPDM: -60° to 280° F (-51° to 138° C)
Hytrel®: -20° to 180° F (-29° to 82° C)
Kynar® PVDF: 10° to 200° F (-12° to 93° C)
Nitrile: 10° to 180° F (-12° to 82° C)
Polypropylene: 35° to 175° F (2° to 79° C)
Santoprene®: -40° to 225° F (-40° to 107° C)
PTFE: 40° to 225° F (4° to 107° C)
Viton®: -40° to 350° F (-40° to 177° C)
Dimensional Data: see page 9
Mounting Dimensions: 10-5/32” x 12-1/16” (258 mm x 306 mm)
Noise Level @ 70 psig, 50 cpm ① ....... 83.0 dB(A) ②
① Tested with 67263 muffler assembly installed.
② The pump sound pressure levels published here have been updated to an Equivalent Continuous Sound Level (L_{Aeq}) to meet the intent of ANSI S1.13-1971, CAGI-PNEUROP SS.1 using four microphone locations.

MODEL PD30R

MODEL PE30R

Figure 1
### Model Description Chart

**Model Code Explanation**

**Example:** PX30 R - X X X - X X - C X X X

<table>
<thead>
<tr>
<th>Model Series</th>
<th>PD30- Standard Pump</th>
<th>PE30- Electronic Interface</th>
</tr>
</thead>
</table>

**Air Motor / Air Cap Material**

- R - Polypropylene / Stainless Steel

**Fluid Connection**

- A - 3 - 8 NPTF - 1
- B - Rp 3 (3 - 11 BSP Parallel)
- D - 3" ANSI Flange (4-holes)
- F - 3" DIN Flange (8-holes)

**Fluid Caps and Manifold Material**

- C - Cast Iron
- S - Stainless Steel

**Hardware Material**

- P - Carbon Steel
- S - Stainless Steel

**Seat Material**

- A - Santoprene
- C - Hytrel
- E - Carbon Steel
- F - Aluminum
- G - Nitrile
- H - Hard 440 Stainless Steel
- K - Kynar PVDF
- L - Hastelloy - C
- S - 316 Stainless Steel

**Ball Material**

- A - Santoprene
- C - Hytrel
- G - Nitrile
- T - PTFE
- V - Viton

**Diaphragm Material**

- A - Santoprene
- B - Santoprene (Backer)
- C - Hytrel
- G - Nitrile
- L - Long Life PTFE
- T - PTFE / Santoprene
- V - Viton

**Revision**

- C - Revision

**Specialty Code 1 (Blank if no Specialty Code)**

- A - Solenoid 120 VAC, 110 VAC AND 60 VDC
- B - Solenoid 12 VDC, 24 VAC AND 22 VAC
- C - Solenoid 240 VAC, 220 VAC AND 120 VDC
- D - Solenoid 24 VDC, 48 VAC AND 44 VAC
- E - Solenoid 12 VDC NEC / CEC
- F - Solenoid 24 VDC NEC / CEC
- G - Solenoid 12 VDC ATEX / IECEx
- H - Solenoid 24 VDC ATEX / IECEx
- J - Solenoid 120 VAC NEC / CEC
- K - Solenoid 220VAC ATEX / IECEx
- N - Solenoid with no Coil
- P - Ported Motor (No Major Valve)
- D - Standard Valve Block (No Solenoid)
- S - Cycle Sensing on Major Valve

**Specialty Code 2 (Blank if no Specialty Code)**

- E - End of Stroke feedback + Leak Detection
- F - End of Stroke feedback
- G - End of Stroke ATEX / IECEx / NEC / CEC
- H - End of Stroke + Leak Detection ATEX / IECEx / NEC / CEC
- L - Leak Detection
- M - Leak Detection ATEX / IECEx / NEC / CEC
- R - End of Stroke NEC
- T - End of Stroke NEC / Leak Detection NEC
- D - No Option

**Special Testing**

For Special Testing options, please contact your nearest Ingersoll Rand Customer Service Representative or Distributor.

---

**NOTICE:** All possible options are shown in the chart, however, certain combinations may not be recommended. Consult a representative or the factory if you have questions concerning availability.
**OPERATING AND SAFETY PRECAUTIONS**

**READ, UNDERSTAND AND FOLLOW THIS INFORMATION TO AVOID INJURY AND PROPERTY DAMAGE.**

**WARNING** EXCESSIVE AIR PRESSURE. Can cause personal injury, pump damage or property damage.
- Do not exceed the maximum inlet air pressure as stated on the pump model plate.
- Be sure material hoses and other components are able to withstand fluid pressures developed by this pump. Check all hoses for damage or wear. Be certain dispensing device is clean and in proper working condition.

**WARNING** STATIC SPARK. Can cause explosion resulting in severe injury or death. Ground pump and pumping system.
- Use the pump grounding screw terminal provided. Use ARO® part no. 66885-1 ground kit or connect a suitable ground wire (12 ga. min.) to a good earth ground source.
- Secure pump, connections and all contact points to avoid vibration and generation of contact or static spark.
- Consult local building codes and electrical codes for specific grounding requirements.
- After grounding, periodically verify continuity of electrical path to ground. Test with an ohmmeter from each component (e.g., hoses, pump, clamps, container, spray gun, etc.) to ground to insure continuity. Ohmmeter should show 0.1 ohms or less.
- Submerge the outlet hose end, dispensing valve or device in the material being dispensed if possible. (Avoid free streaming of material being dispensed.)
- Use hoses incorporating a static wire.
- Use proper ventilation.
- Keep inflammables away from heat, open flames and sparks.
- Keep containers closed when not in use.

**WARNING** Pump exhaust may contain contaminants. Can cause severe injury. Pipe exhaust away from work area and personnel.
- In the event of a diaphragm rupture, material can be forced out of the air exhaust muffler.
- Pipe the exhaust to a safe remote location when pumping hazardous or inflammable materials.

**CAUTION** Do not use the pump for the structural support of the piping system. Be certain the system components are properly supported to prevent stress on the pump parts.
- Suction and discharge connections should be flexible connections (such as hose), not rigid piped, and should be compatible with the substance being pumped.

**CAUTION** Prevent unnecessary damage to the pump. Do not allow pump to operate when out of material for long periods of time.
- Disconnect air line from pump when system sits idle for long periods of time.

**NOTICE** Replacement warning labels are available upon request: "Static Spark & Diaphragm Rupture" pn 94080.

**WARNING** HAZARDOUS PRESSURE. Can result in serious injury or property damage. Do not service or clean pump, hoses or dispensing valve while the system is pressurized.
- Disconnect air supply line and relieve pressure from the system by opening dispensing valve or device and / or carefully and slowly loosening and removing outlet hose or piping from pump.

**WARNING** HAZARDOUS MATERIALS. Can cause serious injury or property damage. Do not attempt to return a pump to the factory or service center that contains hazardous material. Safe handling practices must comply with local and national laws and safety code requirements.
- Obtain Material Safety Data Sheets on all materials from the supplier for proper handling instructions.

**WARNING** EXPLOSION HAZARD. Models containing aluminum parts cannot be used with 1,1,1-trichloroethane, methylene chloride or other halogenated hydrocarbon solvents which may react and explode.
- Check pump motor section, fluid caps, manifolds and all wetted parts to assure compatibility before using with solvents of this type.

**WARNING** MISAPPLICATION HAZARD. Do not use models containing aluminum wetted parts with food products for human consumption. Plated parts can contain trace amounts of lead.
- Verify the chemical compatibility of the pump wetted parts and the substance being pumped, flushed or recirculated. Chemical compatibility may change with temperature and concentration of the chemical(s) within the substances being pumped, flushed or circulated. For specific fluid compatibility, consult the chemical manufacturer.

**CAUTION** Maximum temperatures are based on mechanical stress only. Certain chemicals will significantly reduce maximum safe operating temperature. Consult the chemical manufacturer for chemical compatibility and temperature limits. Refer to PUMP DATA on page 1 of this manual.

**CAUTION** Be certain all operators of this equipment have been trained for safe working practices, understand it's limitations, and wear safety goggles / equipment when required.
- Use only genuine ARO replacement parts to assure compatible pressure rating and longest service life.

**NOTICE** = Hazards or unsafe practices which could result in severe personal injury, death or substantial property damage.
- Use proper ventilation.

**CAUTION** = Hazards or unsafe practices which could result in minor personal injury, product or property damage.
- Do not exceed the maximum inlet air pressure as stated on the pump model plate.

**NOTICE** = Important installation, operation or maintenance information.
MAINTENANCE

Refer to the part views and descriptions as provided on pages 5 through 8 for parts identification and service kit information.
- Certain ARO “Smart Parts” are indicated which should be available for fast repair and reduction of down time.
- Service kits are divided to service two separate diaphragm pump functions: 1. AIR SECTION, 2. FLUID SECTION. The Fluid Section is divided further to match typical part Material Options.
- Provide a clean work surface to protect sensitive internal moving parts from contamination from dirt and foreign matter during service disassembly and reassembly.
- Keep good records of service activity and include the pump in preventive maintenance program.
- Before disassembling, empty captured material in the outlet manifold by turning the pump upside down to drain material from the pump.

FLUID SECTION DISASSEMBLY

1. Remove (61) outlet manifold and (60) inlet manifold.
2. Remove (22) balls, (19) “O” rings (if applicable) and (21) seats.
3. Remove (15) fluid caps.
4. Remove the (14) screw, (6) diaphragm washer, (7) or (7 / 8) diaphragms, (5) backup washer and (196) cushion.

NOTE: Only PTFE diaphragm models use a primary diaphragm (7) and a backup diaphragm (8). Refer to the auxiliary view in the Fluid Section illustration.

FLUID SECTION REASSEMBLY

SERVICE NOTE: ARO pn 204214-T diaphragm assembly tool is recommended for use when reassembling the pump.
- Reassemble in reverse order. Refer to the torque requirements on page 6.
- Clean and inspect all parts. Replace worn or damaged parts with new parts as required.
- Lubricate (1) diaphragm rod and (144) “U” cups with Lubriplate® FML-2 grease (94276 grease packet is included in service kit).
- Be certain the diaphragm assembly bottoms out on the (1) rod, back off PTFE diaphragm assembly far enough to align holes.
- For models with PTFE diaphragms: Item (8) Santoprene diaphragm is installed with the side marked “AIR SIDE” towards the pump center body. Install the (7) PTFE diaphragm with the side marked “FLUID SIDE” towards the (15) fluid cap.
- Re-check torque settings after the pump has been re-started and run a while.
## PARTS LIST / PX30R-XXX-XXX-CXXX FLUID SECTION

### FLUID SECTION SERVICE KITS (637303-XXX or 637302-XXX)

- **For Fluid Kits With Seats:**
  637303-XXX Fluid Section Service Kits include: Seats (see SEAT Option, refer to -XXX in chart below), Balls (see BALL Option, refer to -XXX in chart below), Diaphragms (see DIAPHRAGM Option, refer to -XXX in chart below), and items: 3, 19, 70, 144, 175 and 196 (listed below) plus 174 and 94276 Lubriplate FML-2 grease (page 6).

- **For Fluid Kits Without Seats:**
  637303-XX Fluid Section Service Kits include: Balls (see BALL Option, refer to -XX in chart below), Diaphragms (see DIAPHRAGM Option, refer to -XX in chart below), and items: 3, 19, 70, 144, 175 and 196 (listed below) plus 174 and 94276 Lubriplate FML-2 grease (page 6).

### MANIFOLD THREAD / FLUID CAP MATERIAL OPTIONS PX30R-XXX-XXX-CXXX

#### Item | Description (size) | Qty
---|---|---
15 | Fluid Cap | 2
60 | Inlet Manifold | 1
61 | Outlet Manifold | 1

#### Item | Description (size) | Qty | Part No. | Mtl
---|---|---|---|---
26 | Screw (M12 x 1.75 - 6g x 45 mm) | 12 | 94412-1 | [C]
27 | Screw (M12 x 1.75 - 6g x 60 mm) | 16 | 94991-1 | [C]
29 | Nut (M12 x 1.75 - 6h) | 16 | 95053-1 | [C]

### EXTERNAL HARDWARE OPTION PX30R-XXX-XXX-CXXX

#### Item | Description (size) | Qty | Part No. | Mtl
---|---|---|---|---
1 | Rod | 1 | 97387 | [C]
5 | Backup Washer | 2 | 94831-2 | [SS]
6 | Fluid Side Washer | 2 | 94803 | [SS]
9 | Washer (3/16” i.d. x 2” o.d. x 5/32”) | 2 | Y13-12-T | [SS]
14 | Cap Screw (3/4” - 16 x 3-1/4”) | 2 | Y5-134-T | [SS]
68 | Air Cap | 1 | 94031-1 | [SS]
69 | Air Cap | 1 | 94031-2 | [SS]
70 | Gasket | 2 | 94100 | [B]

### COMMON PARTS

#### Item | Description (size) | Qty | Part No. | Mtl
---|---|---|---|---
74 | Pipe Plug | 2 | Y17-51-S | [SS]
126 | Plug | 1 | 93897-1 | [SS]
131 | Screw (M10 x 1.5 - 6g x 120 mm) | 4 | 96656 | [SS]
144 | "U" Cup (3/16” x 1-3/8” o.d.) | 2 | Y186-51 | [B]
175 | "O" Ring (3/32” x 1” o.d.) | 2 | Y325-117 | [B]
180 | Gasket (0.406” i.d. x 0.031” thick) | 4 | 94098 | [Co]
181 | Roll Pin (3/32” o.d. x 3/4” long) | 4 | Y178-S6-5 | [SS]
196 | Cushion | 2 | 94631 | [Sp]
COLOR CODE

<table>
<thead>
<tr>
<th>Material</th>
<th>Diaphragm Color</th>
<th>Ball Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hytrel</td>
<td>Cream</td>
<td>Cream</td>
</tr>
<tr>
<td>Nitrile</td>
<td>Black</td>
<td>Red</td>
</tr>
<tr>
<td>Santoprene</td>
<td>Tan</td>
<td>Tan</td>
</tr>
<tr>
<td>Santoprene</td>
<td>Green</td>
<td>N/A</td>
</tr>
<tr>
<td>PTFE</td>
<td>White</td>
<td>White</td>
</tr>
<tr>
<td>Viton</td>
<td>Yellow (-)</td>
<td>Yellow (-)</td>
</tr>
</tbody>
</table>

FOR THE AIR MOTOR SECTION SEE PAGE 7 AND 8.

LUBRICATION / SEALANTS

- Apply Loctite 271 to threads at assembly.
- Apply Lubriplate FML-2 grease to all "O" rings, "U" Cups and mating parts.
- Apply anti-seize compound to threads and bolt and nut flange heads which contact pump case when using stainless steel fasteners.
- Apply Loctite 262 to threads at assembly.
- Apply PTFE tape to threads.
- Not used with PX30R-XXX-JXX, -XX and -GXX

Note: Lubriplate FML-2 is a white food grade petroleum grease.
## AIR MOTOR PARTS

<table>
<thead>
<tr>
<th>Item</th>
<th>Description (size)</th>
<th>Qty</th>
<th>Part No.</th>
<th>Mtl</th>
</tr>
</thead>
<tbody>
<tr>
<td>76</td>
<td>Pipe Plug (1/8&quot;-27 N.P.T x 0.27&quot;) (PE30X-XXX-XXX-SSX)</td>
<td>(1)</td>
<td>Y17-50-5</td>
<td>[SS]</td>
</tr>
<tr>
<td>101</td>
<td>Center Body</td>
<td>(1)</td>
<td>97037</td>
<td>[P]</td>
</tr>
<tr>
<td>103</td>
<td>Bushing</td>
<td>(1)</td>
<td>97394</td>
<td>[D]</td>
</tr>
<tr>
<td>105</td>
<td>Screw (M6 x 1 - 6g x 180 mm)</td>
<td>(4)</td>
<td>95921</td>
<td>[SS]</td>
</tr>
<tr>
<td>107</td>
<td>End Plate</td>
<td>(2)</td>
<td>95846</td>
<td>[SS]</td>
</tr>
<tr>
<td>111</td>
<td>Spool</td>
<td>(1)</td>
<td>95651</td>
<td>[D]</td>
</tr>
<tr>
<td>118</td>
<td>Actuator Pin (0.250&quot; x 2.276&quot; long)</td>
<td>(2)</td>
<td>94083</td>
<td>[SS]</td>
</tr>
<tr>
<td>121</td>
<td>Sleeve</td>
<td>(2)</td>
<td>94084</td>
<td>[D]</td>
</tr>
<tr>
<td>127</td>
<td>90&quot; St. Elbow (1-1/2 - 11-1/2 N.P.T.)</td>
<td>(1)</td>
<td>94860</td>
<td>[C] / [I]</td>
</tr>
<tr>
<td>132</td>
<td>Gasket</td>
<td>(1)</td>
<td>94099</td>
<td>[B]</td>
</tr>
<tr>
<td>133</td>
<td>Washer (M6)</td>
<td>(8)</td>
<td>95931</td>
<td>[SS]</td>
</tr>
<tr>
<td>134</td>
<td>Screw (M6 x 1 - 6g x 35 mm)</td>
<td>(8)</td>
<td>95923</td>
<td>[SS]</td>
</tr>
<tr>
<td>135</td>
<td>Valve Block (P30R-XXX-XXX-SSX)</td>
<td>(1)</td>
<td>95789</td>
<td>[P]</td>
</tr>
<tr>
<td></td>
<td>(PE30X-XXX-XXX-SSX)</td>
<td>(1)</td>
<td>95789-1</td>
<td>[P]</td>
</tr>
<tr>
<td>136</td>
<td>End Cap</td>
<td>(1)</td>
<td>95790</td>
<td>[P]</td>
</tr>
<tr>
<td>137</td>
<td>&quot;O&quot; Ring (1/16&quot; x 2&quot; o.d.)</td>
<td>(1)</td>
<td>Y325-32</td>
<td>[B]</td>
</tr>
<tr>
<td>138</td>
<td>&quot;U&quot; Cup (3/16&quot; x 1.792&quot; o.d.)</td>
<td>(1)</td>
<td>95966</td>
<td>[B]</td>
</tr>
<tr>
<td>139</td>
<td>&quot;U&quot; Cup (3/16&quot; x 1-1/4&quot; o.d.)</td>
<td>(1)</td>
<td>Y186-50</td>
<td>[B]</td>
</tr>
<tr>
<td>140</td>
<td>Valve Insert</td>
<td>(1)</td>
<td>95650</td>
<td>[CK]</td>
</tr>
<tr>
<td>141</td>
<td>Valve Plate</td>
<td>(1)</td>
<td>95659</td>
<td>[CK]</td>
</tr>
<tr>
<td>166</td>
<td>Track Gasket</td>
<td>(1)</td>
<td>94026</td>
<td>[B]</td>
</tr>
</tbody>
</table>

**MATERIAL CODE**

- [B] = Nitrile
- [P] = Polypropylene
- [C] = Carbon Steel
- [Br] = Brass
- [B] = Nitrile
- [I] = Iron
- [Sp] = Santoprene
- [Ck] = Ceramic
- [SS] = Stainless Steel
- [D] = Acetal
- [U] = Polyurethane

## AIR MOTOR SECTION SERVICE

Service is divided into two parts - 1. Pilot Valve, 2. Major Valve.

### GENERAL REASSEMBLY NOTES:

- Air Motor Section service is continued from Fluid Section repair.
- Inspect and replace new parts as necessary. Look for deep scratches on metallic surfaces, and nicks or cuts in "O" rings.
- Take precautions to prevent cutting "O" rings upon installation.
- Lubricate "O" rings with Lubriplate FML-2 grease.
- Do not over-tighten fasteners. Refer to torque specification block on view.
- Re-torque fasteners following restart.
- SERVICE TOOLS - To aid in the installation of (168) "O" rings onto the (167) pilot piston, use tool # 204130-T, available from ARO.

### PILOT VALVE DISASSEMBLY

1. A light tap on (118) actuator pin should expose the opposite (121) sleeve, (167) pilot piston and other parts.
2. Remove (170) sleeve. Inspect inner bore of sleeve for damage.

### PILOT VALVE REASSEMBLY

1. Clean and lubricate parts not being replaced from service kit.
2. Install new (171 and 172) "O" rings. Replace (170) sleeve.
3. Install new (168) "O" rings and (169) seal - Note the lip direction. Lubricate and replace (167) pilot piston.
4. Reassemble remaining parts. Replace (173 and 174) "O" rings.

### MAJOR VALVE DISASSEMBLY

1. Remove (135) valve body and (233) adapter plate, exposing (132 and 166) gaskets, (232) "O" ring and (176) checks.
2. Remove (233) adapter plate, releasing (140) valve insert, (141) valve plate, (199 and 200) gaskets and (232, 243 and 244) "O" rings.
3. Remove (136) end cap and (137) "O" ring, releasing (111) spool.

### MAJOR VALVE REASSEMBLY

1. Install new (138 and 139) "U" cups on (111) spool - LIPS MUST FACE EACH OTHER.
2. Insert (111) spool into (135) valve block.
3. Install (137) "O" ring on (136) end cap and assemble end cap to (135) valve body, securing with (107) end plates and (105) screws.
4. Install (140) valve insert and (141) valve plate into (135) valve block. **NOTE:** Assemble (140) valve insert with "dished" side toward (141) valve plate. Assemble (141) valve plate with 2 identification dots toward (199 and 200) gaskets.
5. Assemble (232, 233 and 234) "O" rings, (199 and 200) gaskets and (233) adapter plate to (135) valve block.
6. Assemble (132 and 166) gaskets, (176) checks and (232) "O" ring to (101) center body.
7. Assemble (135) valve block and components to (101) center body, securing with (134) screws.
Figure 3

A replacement major valve service assembly is available separately, which includes the following:


TROUBLE SHOOTING

Product discharged from exhaust outlet.
- Check for diaphragm rupture.
- Check tightness of (14) cap screw.

Air bubbles in product discharge.
- Check connections of suction plumbing.
- Check "O" rings between intake manifold and fluid caps.
- Check tightness of (14) cap screw.

Motor blows air or stalls.
- Check (176) check valve for damage or wear.
- Check for restrictions in valve / exhaust.

Low output volume, erratic flow or no flow.
- Check air supply.
- Check for plugged outlet hose.
- Check for kinked (restrictive) outlet material hose.
- Check for kinked (restrictive) or collapsed inlet material hose.
- Check for pump cavitation - suction pipe should be sized at least as large as the inlet thread diameter of the pump for proper flow if high viscosity fluids are being pumped. Suction hose must be a non-collapsing type, capable of pulling a high volume.
- Check all joints on the inlet manifolds and suction connections. These must be air tight.
- Inspect the pump for solid objects lodged in the diaphragm chamber or the seat area.

DIMENSIONAL DATA

Dimensions shown are for reference only, they are displayed in inches and millimeters (mm).

| A  | see below | F  | 15" (381.0 mm) | K  | 9/16" (14.3 mm) |
| B  | 30" (762.0 mm) | G  | 32" (812.8 mm) | L  | see below |
| C  | 12-1/16" (306.4 mm) | H  | 10-5/32" (258.0 mm) | M  | 23-3/32" (586.3 mm) |
| D  | see below | J  | see below | N  | see below |
| E  | 17-11/16" (449.2 mm) | | | P  | 1-3/16" (30.2mm) |

```
| PX30X-DXX-XXX-CXXX | Flange Dimensions per ASME B16.5-2003 Class 150 3 Inch |
| PX30X-FXX-XXX-CXXX | Flange Dimensions per ISO 7005-1:1992 PN10 DN80 |

Figure 4

DIMENSIONS

"A"  "D"  "J"  "N"
PX30X-XAX-XXX-CXXX  23-5/8" (600.1 mm)  2-3/8" (60.3 mm)  11" (279.4 mm)  15-1/2" (393.7 mm)
PX30X-XBX-XXX-CXXX  23-5/8" (600.1 mm)  2-7/16" (61.9 mm)  11-1/16" (296.9 mm)  16" (406.4 mm)
PX30X-XFX-XXX-CXXX  23-1/8" (587.4 mm)  2-3/4" (69.9 mm)  11-1/16" (296.9 mm)  16" (406.4 mm)
PX30X-XFX-XXX-CXXX  23-1/8" (587.4 mm)  2-3/4" (69.9 mm)  11-1/16" (296.9 mm)  16" (406.4 mm)

"L"  "G"
2-3/4" (69.9 mm)  32" (812.8 mm)
2-3/4" (69.9 mm)  32" (812.8 mm)
2-3/4" (69.9 mm)  32" (812.8 mm)
3-3/4" (95.25 mm)  33-15/16" (862.0 mm)
3-3/4" (95.25 mm)  33-15/16" (862.0 mm)

Dotted lines show optional 67263 muffle r assembly.