

## 2" METALLIC AODD PUMPS

### SPECIFICATIONS:

**Air Inlet(female):** 3/4"BSPT(3/4"NPT Available On Request)

**Fluid Outlet:** Rp 2 (2" BSP,parallel)  
2" NPT

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2" NPT

**Maximum Flow Rate:** 172 GPM(651 LPM)

**Max. Operating Pressure:** 120psi(8.3 bar)

**Suspended Solids Max. Dia.:** 1/4"(6.4mm)

**Maximum Dry Suction Lift:** 27.2feet(8.3m)

**Weight:** aluminum-65.2 lbs(29.6kg);  
stainless steel-125.4 lbs(56.9kg);  
cast iron-124.3 lbs(56.4kg);

**Sound Level:**70psi 60 cycles/min. 80.5db(A)



### MODEL DESCRIPTION & ORDERING:

| DP31 | - | 50        | X                | X                        | X             | X                   | X                  | X                 | X        |
|------|---|-----------|------------------|--------------------------|---------------|---------------------|--------------------|-------------------|----------|
|      |   | Pump Size | Center Body Mat. | Fluid Caps Manifold Mat. | Seat Material | Ball Check Material | Diaphragm Material | Fluid Connections | Hardware |

|                             |                   |                         |                |                    |                   |
|-----------------------------|-------------------|-------------------------|----------------|--------------------|-------------------|
| Pump Size                   | 50-2"             |                         |                |                    |                   |
| Center Body Mat.            | A-Aluminum        |                         |                | C-Cast Iron        |                   |
| Fluid Caps<br>Manifold Mat. | A - Aluminum      |                         |                | S -Stainless Steel | C-Cast Iron       |
| Seat<br>Material            | 1 - Aluminum      | 2 - 316 Stainless Steel | 4-PVDF(Kynar)  |                    | 5-Carbon Steel    |
|                             | E-Santoprene      | 8-Hard Stainless Steel  | 9-Hytrel       |                    | G-Nitrile         |
| Ball Check<br>Material      | 1-Neoprene        | 2-Nitrile               | 3-Viton        |                    | 4-PTFE            |
|                             | 5-E.P.R           | 6-Acetal                | 8-Polyurethane |                    | A-Stainless Steel |
|                             | C-Hytrel          |                         | E-Santoprene   |                    |                   |
| Diaphragm<br>Material       | 1-Neoprene        | 2-Nitrile               | 3-Viton        |                    | 4-PTFE/Santoprene |
|                             | 5-E.P.R           | 6-Acetal                | 9-Hytrel       |                    | B-Santoprene      |
|                             | G-Nitrile         |                         |                |                    |                   |
| Fluid Connections           | N-NPT Threads     |                         |                | B-BSP Threads      |                   |
| Hardware                    | S-Stainless Steel |                         |                | C-Carbon Steel     |                   |

### ACCESSORIES:

#### Service Repair Kits:

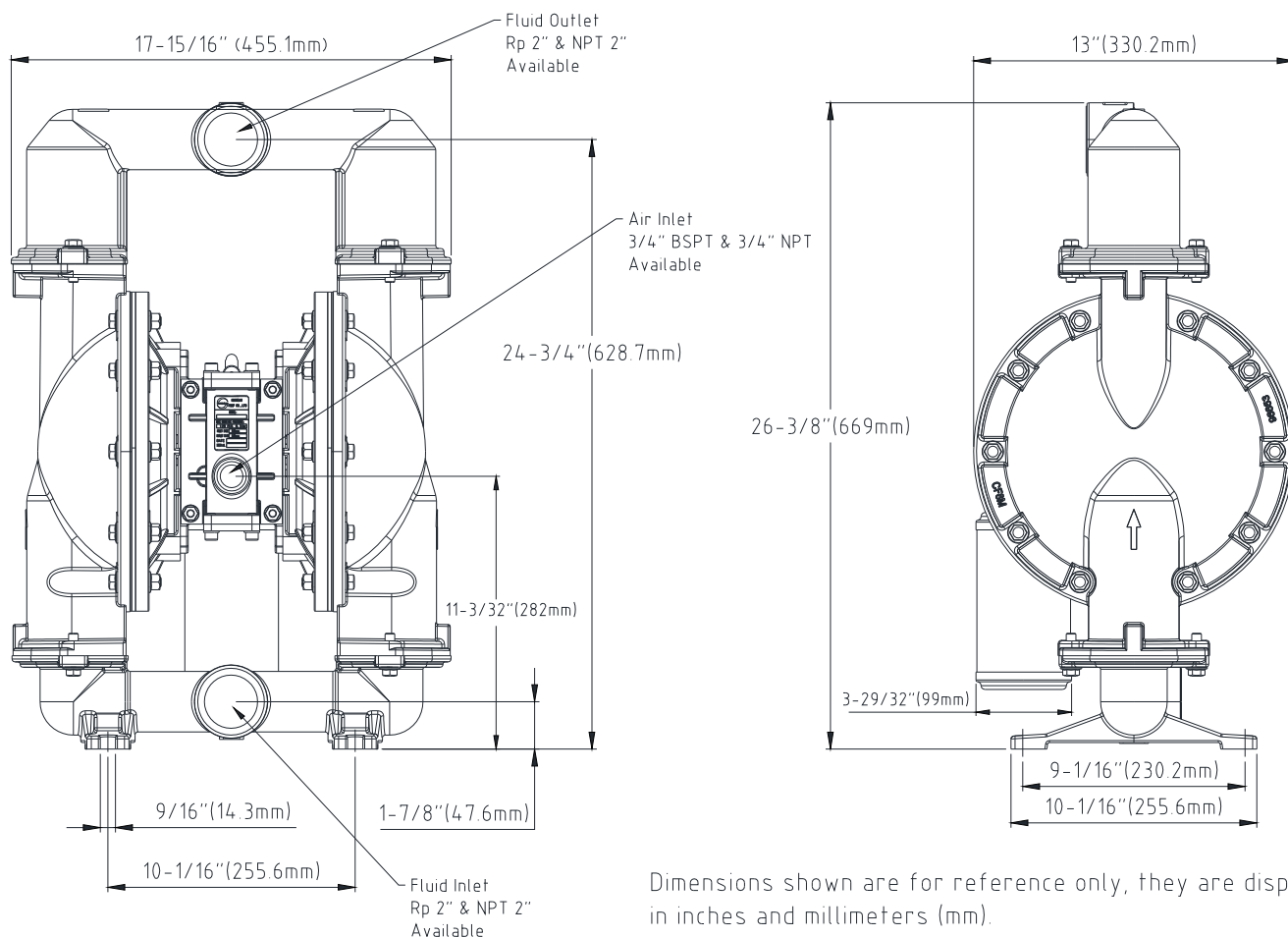
DP31-Air50(air section)

DP31-Flu50 - XX(fluid section)

Diaphragm Material  
Ball Material

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### DIMENSIONS:



### PERFORMANCE CURVE:

