

2" WB METALLIC Models MODEL: WB20X-XXX-XXX



SPECIFICATIONS:

Ratio: 1:1
 Maximum GPM (LPM): 172 (651)
 Displacement per cycle: 1.4 (5.3)
 @ 100 psi Gallons (Liters)
 Air Inlet (Female): 3/4 - 14 N.P.T.F.-1
 Fluid Inlet/Outlet (Female):
 WB20X-AXX-XXX-B: 2 - 11-1/2 N.P.T.F.-1
 WB20X-BXX-XXX-B: Rp 2 (2 - 11 BSP parallel)
 WB20X-FXX-XXX-B: 2" ANSI/DIN hybrid flange
 Max. operating pressure psi (bar): 120 (8.3)
 Suspended solids max. dia. in. (mm): 1/4" (6.4)
 Maximum dry suction lift ft (m): 14 (4.2)
 Sound Level: 70 PSI 50 Cycles/Min 85.0 db(A)
 Weight lbs (kg): AL-Aluminum, CI-Cast Iron, H-Hastelloy, SS-Stainless Steel

| Air Motor | Connection | Wetted | Pump Wgt | Air Motor | Connection | Wetted | Pump Wgt | Air Motor | Connection | Wetted | Pump Wgt |
|-----------|------------|--------|--------------|-----------|------------|--------|------------|-----------|------------|--------|--------------|
| AL | Thread | AL | 91.4 (41.5) | Poly | Thread | CI | 165 (74.8) | SS | Thread | AL | 120.3 (54.6) |
| AL | Thread | CI | 147.4 (66.9) | Poly | Thread | SS | 154 (69.9) | SS | Thread | CI | 176.3 (80) |
| AL | Thread | SS | 149.8 (68) | Poly | Flange | SS | 146 (66.2) | SS | Thread | SS | 178.7 (81.1) |
| AL | Flange | SS | 162.2 (73.6) | | | | | SS | Flange | SS | 191.1 (86.7) |

WB20A

WB20R

WB20S

MODEL DESCRIPTION & ORDERING:

| Position | 1 | 2 | | 3 | 4 | 5 | | 6 | 7 | 8 | | | |
|----------|------|---|---|---|---|---|---|---|---|---|--|--|--|
| Example: | WB20 | X | - | X | X | X | - | X | X | X | | | |

| Position 1 Model Series | Position 2 Center Section | Position 3 Connections | Position 4 Wetted Parts | Position 5 Hardware | Position 6 Seat Material | Position 7 Ball Material | Position 8 Diaphragm Material |
|----------------------------|--|---|--|----------------------------|--|---|--|
| WB20- Standard Pump | A - Aluminum* R - Polypropylene S - Stainless Steel* | A - NPTF Thread B - BSP Thread F [†] - 2" ANSI/DIN Hybrid Center Flange [†] Stainless Steel Pumps Only | A - Aluminum* C - Cast Iron S - Stainless Steel* | P - Plated Steel S - SS | A - Santoprene® C - Hytrel® E - Carbon Steel F - Aluminum G - Nitrile H - 440 SS K - Kynar/PVDF L - Hastelloy-C S - 316 SS | A - Santoprene® C - Hytrel® G - Nitrile S - 316 SS T - PTFE V - Viton® | A - Santoprene® C - Hytrel® G - Buna-N L - Long-Life PTFE T - PTFE/Santoprene® V - Viton® |

Hytrel® is a registered trademark of DuPont company, Santoprene® is registered trademark of Monsanto and Viton® is a registered trademark of ExxonMobil

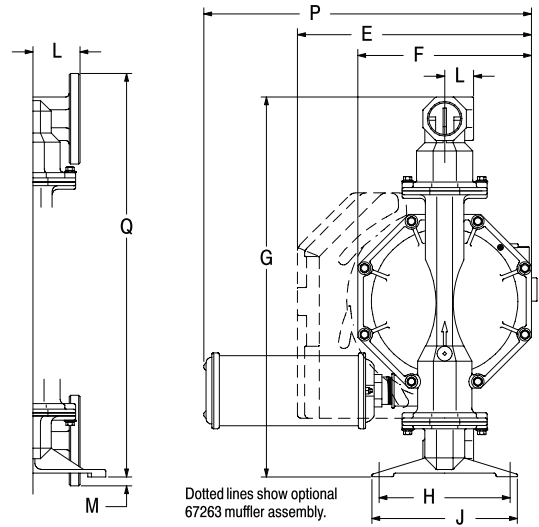
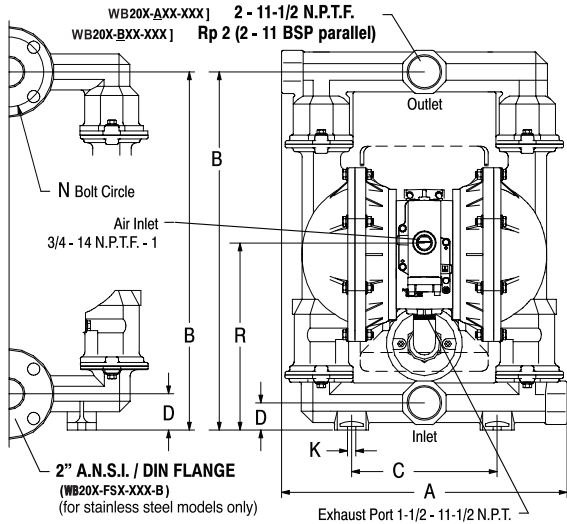
Accessories

Service Repair Kits:

AIR SECTION: WB637369(For WB20R and WB20Y), WB637421(For WB20A and WB20S);
FLUID SECTION: WB637309-XXX(with seats);
MAJOR AIR VALVE ASSEMBLY: WB637374-X;

2" WB METALLIC Models MODEL: WB20X-XXX-XXX

DIMENSIONS:



DIMENSIONS

| | | | | | |
|-------------------------|---------------------|-------------------|----------------------|-----|--------------------|
| A | see below | G | 26-1/4" (666.8 mm) | M | 5/8" (15.9 mm) |
| B | 24-3/4" (628.7 mm) | H | 9-1/16" (230.2 mm) | N | 4.834" (122.8 mm) |
| C | 10-1/16" (255.6 mm) | J | 10-1/16" (255.6 mm) | P | 21-5/8" (548 mm) |
| D | see below | K | 9/16" (14.3 mm) | Q | 27-7/8" (708.0 mm) |
| E | 16-3/16" (411.2 mm) | L | see below | R | see below |
| F | 12" (304.8 mm) | | | | |
| | | "A" | | "D" | |
| WB20X-XAX-XXX-B() | 19-3/4" (501.4 mm) | | 1-7/8" (47.6 mm) | | |
| WB20X-XCX-XXX-B() | 19-3/4" (501.4 mm) | | 1-7/8" (47.6 mm) | | |
| WB20X-AHX-XXX-B(), -BHX | 19-1/4" (488.7 mm) | | 2-1/2" (63.5 mm) | | |
| WB20X-ASX-XXX-B(), -BSX | 19-1/4" (488.7 mm) | | 2-1/2" (63.5 mm) | | |
| WB20X-FHX-XXX-B(), -FSX | 19-1/4" (488.7 mm) | | 2-1/2" (63.5 mm) | | |
| | | "L" | | "R" | |
| | | 2" (50.8 mm) | 12-15/16" (328.6 mm) | | |
| | | 2" (50.8 mm) | 12-15/16" (328.6 mm) | | |
| | | 2-3/32" (53.0 mm) | 13-9/16" (344.5 mm) | | |
| | | 2-3/32" (53.0 mm) | 13-9/16" (344.5 mm) | | |
| | | 3-1/4" (82.6 mm) | 13-9/16" (344.5 mm) | | |

PERFORMANCE CURVE:

