

MEDIUM PRESSURE DIAPHRAGM PUMP

9915-D303, 9915-D303GRGI, 9915-D303AP-A

FEATURES

- Hardened black oxide aluminum heads, manifold, and case.
- Three Duramax diaphragms, crown shaped pistons, and double piston rings.
- Valves: 316 stainless steel spherical profiled valve poppet.
- Inlet Port: 1"/25mm
- Outlet Port: 1/2" NPT
- Max Fluid Temp: 140°F/60°C
- Weight: 16.1 lbs/7.3 kg



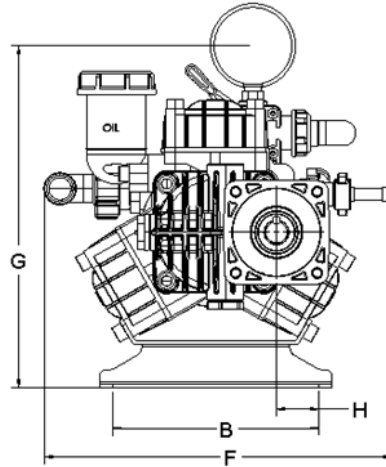
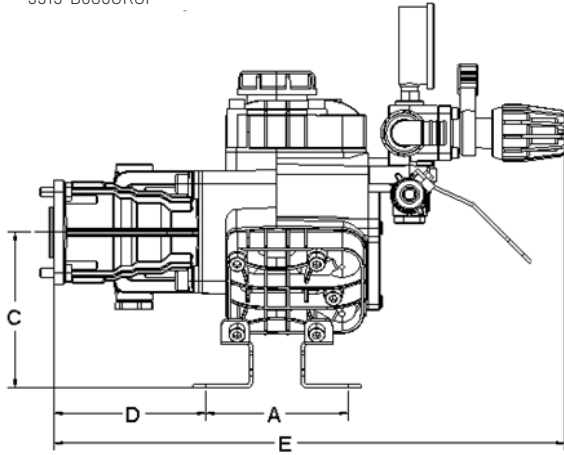
PERFORMANCE INFORMATION

| PRESSURE PSI | RPM | | | | | | | |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | 400 | | 450 | | 500 | | 550 | |
| | GPM | HP | GPM | HP | GPM | HP | GPM | HP |
| 30 | 6.9 | 0.1 | 7.6 | 0.2 | 8.3 | 0.2 | 9.0 | 0.2 |
| 290 | 6.5 | 1.3 | 7.2 | 1.4 | 7.9 | 1.5 | 8.5 | 1.7 |
| 435 | 6.4 | 1.9 | 7.0 | 2.1 | 7.7 | 2.3 | 8.3 | 2.5 |
| 580 | 6.3 | 2.5 | 6.9 | 2.8 | 7.6 | 3.0 | 8.2 | 3.3 |

| PRESSURE BAR | RPM | | | | | | | |
|-----------------|------|-----|------|-----|------|-----|------|-----|
| | 400 | | 450 | | 500 | | 550 | |
| | LPM | KW | LPM | KW | LPM | KW | LPM | KW |
| 2 | 26.2 | 0.1 | 28.8 | 0.1 | 31.4 | 0.1 | 34.0 | 0.1 |
| 20 | 24.6 | 1.0 | 27.1 | 1.1 | 29.5 | 1.2 | 32.0 | 1.3 |
| 30 | 24.2 | 1.4 | 26.7 | 1.6 | 29.1 | 1.7 | 31.5 | 1.9 |
| 40 | 23.8 | 2.0 | 26.2 | 2.1 | 28.6 | 2.2 | 31.0 | 2.4 |

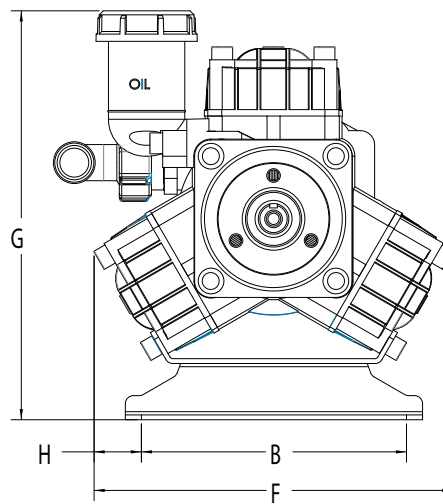
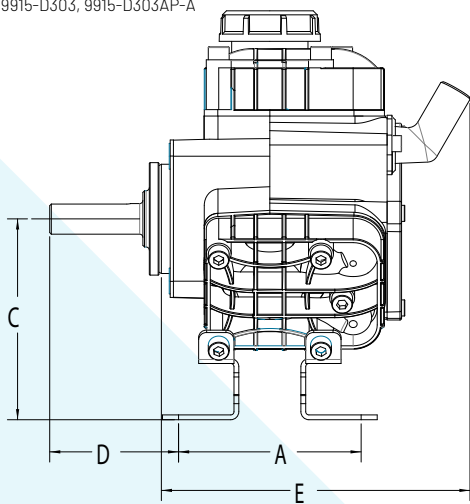
DIMENSIONAL DATA

9915-D303GRGI



| DIM | IN | MM |
|-----|------|-----|
| A | 4.3 | 110 |
| B | 6.4 | 162 |
| C | 4.9 | 125 |
| D | 4.8 | 123 |
| E | 16.0 | 408 |
| F | 10.9 | 277 |
| G | 10.8 | 275 |
| H | 1.3 | 34 |

9915-D303, 9915-D303AP-A



| DIM | IN | MM |
|-----|------|-----|
| A | 4.3 | 110 |
| B | 6.4 | 162 |
| C | 4.9 | 125 |
| D | 3.2 | 80 |
| E | 7.6 | 194 |
| F | 8.8 | 223 |
| G | 10.0 | 255 |
| H | 1.2 | 29 |

ORDERING INFORMATION

| MODEL NUMBER | DESCRIPTION | MAX FLOW GPM [LPM] | MAX PRESSURE PSI [BAR] | MAX SPEED RPM | POWER HP [KW] | NUMBER OF DIAPHRAGMS |
|---------------|---|--------------------|------------------------|---------------|---------------|----------------------|
| 9915-D303 | Pump Assembly | 8.1 [31] | 580 [40] | 650 | 3.2 [2.4] | 3 |
| 9915-D303GRGI | Pump Gearbox Controller 3/4" Hollow Shaft | | | 3450 | | |
| 9915-D303AP-A | Pump 3/4" Solid Shaft | | | 650 | | |
| 9915-KIT1002 | Control Unit | | | | | |
| 9915-KIT1404 | Control Unit Remote Mounting Kit | | | | | |
| 9915-KIT2002 | Diaphragm Kit | | | | | |
| 9915-KIT2102 | Valve Kit | | | | | |
| 9915-KIT2202 | Pump Kit | | | | | |
| 9915-KIT1103 | Gear Reduction Kit 3/4" Shaft | | | | | |
| 9915-KIT1201 | 3/4" Shaft Kit | | | | | |
| 9915-KIT1202 | 1" Shaft Kit | | | | | |
| 9915-KIT1203 | 1-3/8" Male Splined Shaft Kit | | | | | |



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