

# High Pressure, 4 Diaphragm

## Model 9910-DBS200 and DBA200



- Max fluid temp: 140°F/60°C
- Diaphragms: 4, semi-hydraulic, Desmopan® standard, Buna available
- Housing components for liquid handling:
  - DBS – external bronze manifolds and brass heads
  - DBA – external manifolds and heads in anodized aluminum
- Pump shaft rotation: CW and CCW
- Recommended control unit: 9910-GH50, see page 84.
- Weight: 143 lbs./64.9 kg (DBS200); 112 lbs./50.9 kg (DBA200)

Pressure in PSI and BAR	GPM		HP		GPM		HP		GPM		HP	
	LPM	HP	LPM	HP	LPM	HP	LPM	HP	LPM	HP	LPM	HP
	@350 RPM		@400 RPM		@450 RPM		@500 RPM		@550 RPM			
<b>0 PSI</b>	33.0	1.44	37.3	1.92	41.6	2.74	45.9	3.03	49.7	3.67		
<b>0 BAR</b>	124.5	1.44	140.7	1.92	156.9	2.74	173.1	3.03	187.6	3.67		
<b>217 PSI</b>	32.0	4.68	36.7	5.38	41.0	6.13	45.3	6.91	49.1	7.64		
<b>15 BAR</b>	120.8	4.68	138.5	5.38	154.8	6.13	170.8	6.91	185.4	7.64		
<b>435 PSI</b>	31.4	8.79	36.1	10.24	40.4	11.44	44.8	12.71	48.7	13.92		
<b>30 BAR</b>	118.4	8.79	136.2	10.24	152.6	11.44	169.0	12.71	183.9	13.92		
<b>580 PSI</b>	31.3	11.35	35.8	13.01	40.0	14.69	44.6	16.45	48.3	17.98		
<b>40 BAR</b>	118.2	11.35	135.0	13.01	151.1	14.69	168.3	16.45	182.5	17.98		
<b>725 PSI</b>	31.1	14.01	35.3	15.96	39.9	18.12	44.4	20.21	48.2	22.21		
<b>50 BAR</b>	117.2	14.01	133.1	15.96	150.5	18.12	167.5	20.21	182.1	22.21		

All HP requirements listed in the table are electrical.  
For approximate gasoline equivalent, multiply by 1.3.

### Order Information

Model Number	Max GPM	Max LPM	Max PSI	Max BAR	Max RPM	Port Size	Shaft Output
9910-DBS200	49.7	188.1	725	50	550	1-1/2" HB inlet, 3/4" NPT outlet	1-3/8" - 6 splined male double-ended shaft
9910-DBA200	49.7	188.1	725	50	550	1-1/2" HB inlet, 3/4" NPT outlet	1-3/8" - 6 splined male double-ended shaft

# Gas Engine-Driven, Medium Pressure, 2 Diaphragm

## Models: D252GRGI-25, D252GRGI-55, 1534



- Closed-coupled, gas engine driven (EPA & CARB certified)
- Max. fluid temperature: 140°F/60°C
- Diaphragms: 2, semi-hydraulic, Desmopan® standard, Buna available
- Housing: anodized aluminum
- Mounting base: included

### Order Information

Pressure in PSI and BAR	GPM	
	LPM	HP
<b>0 PSI</b>	5.9	
<b>0 BAR</b>	22.3	
<b>50 PSI</b>	5.3	
<b>3.4 BAR</b>	20.0	
<b>100 PSI</b>	5.2	
<b>6.9 BAR</b>	19.5	
<b>150 PSI</b>	5.1	
<b>10.3 BAR</b>	19.3	
<b>200 PSI</b>	5.0	
<b>13.6 BAR</b>	18.9	
<b>250 PSI</b>	4.9	
<b>17.0 BAR</b>	18.5	
<b>290 PSI</b>	4.9	
<b>20 BAR</b>	18.5	

Model Number	Max GPM	Max LPM	Max PSI	Max BAR	Max RPM	Control Unit and Gearbox	Engine Mfg. and hp
D252GRGI-25	5.9	22.3	290	20	3600	9910-KIT1990	PowerPro 2.5 hp
D252GRGI-55	5.9	22.3	290	20	2800	9910-KIT1990	PowerPro 6.5 hp
1534	5.9	22.3	290	20	2800	9910-KIT1990	Briggs and Stratton® 3.5 hp

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