

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			
0 PSI	33.0	1.44	37.3	1.92	41.6	2.74	45.9	3.03	49.7	3.67		
0 BAR	124.5	1.44	140.7	1.92	156.9	2.74	173.1	3.03	187.6	3.67		
217 PSI	32.0	4.68	36.7	5.38	41.0	6.13	45.3	6.91	49.1	7.64		
15 BAR	120.8	4.68	138.5	5.38	154.8	6.13	170.8	6.91	185.4	7.64		
435 PSI	31.4	8.79	36.1	10.24	40.4	11.44	44.8	12.71	48.7	13.92		
30 BAR	118.4	8.79	136.2	10.24	152.6	11.44	169.0	12.71	183.9	13.92		
580 PSI	31.3	11.35	35.8	13.01	40.0	14.69	44.6	16.45	48.3	17.98		
40 BAR	118.2	11.35	135.0	13.01	151.1	14.69	168.3	16.45	182.5	17.98		
725 PSI	31.1	14.01	35.3	15.96	39.9	18.12	44.4	20.21	48.2	22.21		
50 BAR	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
0 PSI	5.9	
0 BAR	22.3	
50 PSI	5.3	
3.4 BAR	20.0	
100 PSI	5.2	
6.9 BAR	19.5	
150 PSI	5.1	
10.3 BAR	19.3	
200 PSI	5.0	
13.6 BAR	18.9	
250 PSI	4.9	
17.0 BAR	18.5	
290 PSI	4.9	
20 BAR	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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