

# High Pressure, 3 Diaphragm

## Model 9910-D813 and D813GRGI



- Max. fluid temperature: 140°F/60°C
- Shaft: Flanged adapter and 1-3/8" - 6 splined male shaft ext. (D813); 1" hollow shaft for gas engine mount (D813GRGI)
- Diaphragms: 3, semi-hydraulic, Desmopan® standard Buna available
- Housing: anodized aluminum
- Mounting base: included
- Pump shaft rotation: CW and CCW
- For shaft kits and other drive options, see pages 81-82.
- Recommended control unit: 9910-VDR50 or 9910-GS50GI, see page 84.
- Weight: 50 lbs./22.7 kg (D813); 66 lbs./30 kg (D813GRGI)

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	14.7	0.41	17.0	0.64	18.2	0.74	19.8	0.93	20.8	1.12		
0 BAR	55.6	0.41	64.3	0.64	68.7	0.74	74.7	0.93	78.6	1.12		
217 PSI	13.9	2.23	16.1	2.51	17.8	2.93	19.5	3.40	19.9	3.61		
15 BAR	52.3	2.23	60.8	2.51	67.1	2.93	73.7	3.40	75.0	3.61		
435 PSI	13.6	4.06	15.6	4.65	17.4	5.26	19.1	5.80	19.7	6.23		
30 BAR	51.2	4.06	58.7	4.65	65.5	5.26	71.9	5.80	74.3	6.23		
580 PSI	13.5	5.22	15.3	6.03	17.2	6.81	18.4	7.51	19.2	8.01		
40 BAR	50.8	5.22	57.7	6.03	64.8	6.81	69.4	7.51	72.6	8.01		
725 PSI	13.4	6.30	15.0	7.31	16.9	8.33	17.9	9.23	19.0	9.82		
50 BAR	50.4	6.30	56.5	7.31	63.9	8.33	67.5	9.23	71.8	9.82		

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-D813	20.8	78.7	725	50	550	1-1/4" HB inlet, 3/4" NPT outlet	1-3/8" - 6 splined male shaft extension
9910-D813GRGI	20.8	78.7	725	50	3600	Assembled with gearbox 9910-KIT1642 and control 9910-VDR50 for mounting on 13 hp gas engine	

# High Pressure, 4 Diaphragm

## Model 9910-D1064 and D1064GRGI



- Max. fluid temperature: 140°F/60°C
- Shaft: Flanged adapter and 1-3/8" - 6 splined male shaft ext. (D1064); 1" hollow shaft for gas engine mount (D1064GRGI)
- Diaphragms: 4, semi-hydraulic, Desmopan® standard, Buna available
- Housing: anodized aluminum
- Mounting base: included
- Pump shaft rotation: CW and CCW
- For shaft kits and other drive options, see pages 81-82.
- Recommended control unit: 9910-VDR50 or 9910-GS50GI, see page 84.
- Weight: 54 lbs./24.5 kg (D1064); 76 lbs./34.5 kg (D1064GRGI)

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	19.6	0.75	22.4	1.04	25.2	1.33	27.1	1.59	28.7	1.90		
0 BAR	74.0	0.75	84.6	1.04	95.1	1.33	102.4	1.59	108.5	1.90		
217 PSI	18.8	2.95	21.6	3.41	24.5	3.92	26.8	4.33	28.5	4.71		
15 BAR	70.8	2.95	81.6	3.41	92.3	3.92	101.1	4.33	107.6	4.71		
435 PSI	18.4	5.40	21.1	6.20	23.9	7.01	26.2	7.77	28.3	8.28		
30 BAR	69.4	5.40	79.5	6.20	90.3	7.01	98.8	7.77	106.7	8.28		
580 PSI	18.2	7.01	21.0	8.05	23.7	9.12	26.0	10.06	28.0	10.79		
40 BAR	68.8	7.01	79.2	8.05	89.3	9.12	98.1	10.06	105.8	10.79		
725 PSI	18.0	8.65	20.8	9.88	23.3	11.18	25.9	12.38	27.8	13.13		
50 BAR	67.9	8.65	78.4	9.88	87.9	11.18	97.6	12.38	104.7	13.13		

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

Desmopan® is a registered trademark of Bayer Aktiengesellschaft, Farbenfabriken. Hypro® is a registered trademark of Pentair.

### Order Information

Model Number	Max GPM	Max LPM	Max PSI	Max BAR	Max RPM	Port Size	Shaft Output
9910-D1064	28.7	108.6	725	50	550	1-1/4" HB inlet, 3/4" NPT outlet	1-3/8" - 6 splined male shaft extension
9910-D1064GRGI	28.7	108.6	725	50	3600	Assembled with gearbox 9910-KIT1642 and control 9910-VDR50 for mounting on 18 hp gas engine	