

Low Pressure, 6 Diaphragm

Model 9910-D250



- Max. fluid temperature: 140°F/60°C
- Port sizes: 2" inlet, 1-1/2" outlet, hose barb
- Diaphragms: 6, semi-hydraulic, Desmopan® standard, Buna available
- Housing components for liquid handling: epoxy-coated
- Mounting base: included
- Pump shaft rotation: CW and CCW
- For hydraulic drive adaption, see page 82.
- Recommended control unit: 3300-0082, see page 84.
- Weight: 92 lbs./41.7 kg

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	42.7	0.71	48.3	0.90	54.3	1.22	59.8	1.60	65.7	2.01		
0 BAR	161.2	0.71	182.5	0.90	204.8	1.22	225.7	1.60	248.1	2.01		
72 PSI	41.4	2.33	47.2	2.73	52.7	3.10	58.1	3.45	63.3	3.88		
5 BAR	156.1	2.33	178.2	2.73	198.9	3.10	219.4	3.45	239.0	3.88		
145 PSI	40.1	4.09	45.9	4.73	52.1	5.27	56.6	6.02	61.3	6.45		
10 BAR	151.4	4.09	173.1	4.73	196.4	5.27	213.8	6.02	231.2	6.45		
217 PSI	39.3	5.70	45.1	6.58	50.7	7.45	55.5	8.32	60.2	9.22		
15 BAR	148.5	5.70	170.0	6.58	191.5	7.45	209.5	8.32	227.1	9.22		
290 PSI	38.8	7.52	44.5	8.45	50.1	9.66	54.8	10.89	59.2	11.54		
20 BAR	146.4	7.52	167.9	8.45	189.0	9.66	206.9	10.89	223.4	11.54		

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	Shaft Output
9910-D250	65.7	248.7	290	20	550	1-3/8" - 6 splined male shaft

Medium Pressure, 2 Diaphragm

Model 9910-D252, D252GRGI, D252GRGI58 and D252GRGIAP



- Max. fluid temperature: 140°F/60°C
- Diaphragms: 2, semi-hydraulic, Desmopan® standard, Buna available
- Housing: anodized aluminum
- Mounting base: included
- Recommended control unit: 9910-KIT1990, see page 83.
- Weight: 14 lbs./6.4 kg (GRGI models); 12 lbs./5.4 kg (D252)

Pressure in PSI and BAR	GPM		HP		GPM		HP		GPM		HP	
	LPM	HP	LPM	HP	LPM	HP	LPM	HP	LPM	HP	LPM	HP
	@450 RPM		@500 RPM		@550 RPM		@600 RPM		@650 RPM			
0 PSI	4.8	0.15	5.4	0.19	5.9	0.23	6.1	0.25	6.5	0.27		
0 BAR	18.0	0.15	20.5	0.19	22.4	0.23	23.1	0.25	24.6	0.27		
72 PSI	4.1	0.33	4.6	0.37	5.0	0.42	5.5	0.45	5.9	0.46		
5 BAR	15.3	0.33	17.3	0.37	18.7	0.42	20.8	0.45	22.2	0.46		
145 PSI	4.0	0.49	4.4	0.57	4.8	0.64	5.3	0.65	5.6	0.72		
10 BAR	14.9	0.49	16.6	0.57	18.1	0.64	19.8	0.65	21.3	0.72		
217 PSI	3.9	0.66	4.3	0.76	4.7	0.82	5.2	0.89	5.5	0.97		
15 BAR	14.7	0.66	16.4	0.76	17.9	0.82	19.6	0.89	20.9	0.97		
290 PSI	3.8	0.84	4.2	0.94	4.6	1.02	5.1	1.12	5.4	1.21		
20 BAR	14.5	0.84	16.0	0.94	17.4	1.02	19.4	1.12	20.5	1.21		

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

Model Number	Max GPM	Max LPM	Max PSI	Max BAR	Max RPM	Port Size	Shaft Output
9910-D252	6.5	24.6	290	20	650	3/4" HB inlet, 1/2" HB outlet	3/4" solid keyed shaft
9910-D252GRGI	6.5	24.6	290	20	3600	3/4" HB inlet, 3/8" HB outlet	3/4" hollow shaft
9910-D252GRGI58	5.5	20.8	290	20	3600	3/4" HB inlet, 3/8" HB outlet	5/8" hollow shaft
9910-D252GRGIAP	6.5	24.6	290	20	3600	3/4" HB inlet, 3/8" HB outlet	3/4" hollow input shaft with 5/8" output solid shaft