

MEDIUM PRESSURE, 2 DIAPHRAGM

Model 9910-D30, D30AP-A, D30GRGI and D30-B-GRGI



FEATURES:

- ◆ Max. fluid temperature: 140°F/60°C
- ◆ Shaft: flanged for shaft kit (D30); flanged w/ 3/4" shaft ext. (D30AP-A); 3/4" hollow shaft for gas engine mount (D30GRGI)
- ◆ Diaphragms: 2, semi-hydraulic, Desmopan® standard, Buna available
- ◆ Housing components for liquid handling: epoxy-coated
- ◆ Pump shaft rotation: CW and CCW
- ◆ For shaft kits and other drive options, see pages 91-92
- ◆ Recommended control unit: 9910-GS40GI, see page 93
- ◆ Weight: 23 lbs./10.4 kg (D30); 33 lbs./15.0 kg (D30GRGI and D30-B-GRGI); 24 lbs./10.9 kg (D30AP-A)
- ◆ Gas engine versions on page 88

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Pressure in PSI and BAR	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
	LPM	HP	LPM	HP	LPM	HP	LPM	HP	LPM	HP
	@350 RPM		@400 RPM		@450 RPM		@500 RPM		@550 RPM	
0 PSI	6.1	0.13	6.9	0.16	7.8	0.19	8.7	0.24	9.6	0.28
0 BAR	23.0	0.13	26.1	0.16	29.5	0.19	32.8	0.24	36.2	0.28
145 PSI	5.7	0.55	6.6	0.66	7.2	0.76	8.1	0.85	9.3	0.90
10 BAR	21.4	0.55	24.9	0.66	27.3	0.76	30.6	0.85	34.9	0.90
290 PSI	5.6	1.00	6.3	1.14	7.1	1.29	7.8	1.47	8.8	1.64
20 BAR	21.0	1.00	23.7	1.14	26.7	1.29	29.5	1.47	33.4	1.64
465 PSI	5.5	1.46	5.9	1.67	6.9	1.89	7.7	2.06	8.6	2.27
30 BAR	20.6	1.46	22.4	1.67	26.0	1.89	29.0	2.06	32.5	2.27
580 PSI	5.2	1.90	5.8	2.11	6.8	2.41	7.5	2.71	8.3	2.94
40 BAR	19.5	1.90	22.1	2.11	25.8	2.41	28.2	2.71	31.4	2.94

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

Model Number	Max GPM	Max LPM	Max PSI	Max BAR	Max RPM	Port Size
9910-D30	9.6	36.3	580	40	550	1" HB inlet, 1/2" HB outlet
9910-D30AP-A	Same pump as 9910-D30 with 3/4" solid thru shaft					
9910-D30GRGI	9.6	36.3	580	40	3600	Assembled with gearbox 9910-KIT1640 and control 9910-GS40GI for mounting on 5 hp gas engine
9910-D30-B-GRGI	Same pump as 9910-D30GRGI with Buna-N diaphragms					
D30HRGI	9.6	36.3	580	40	3600	Assembled with gearbox 8000-0056 and control 9910-GS40GI for mounting on 5 hp gas engine

MEDIUM PRESSURE, 3 DIAPHRAGM

Model 9910-D403, and D403GRGI



FEATURES:

- ◆ Max. fluid temperature: 140°F/60°C
- ◆ Shaft: flanged for kit attachment (D403); 3/4" hollow shaft for gas engine mount (D403GRGI)
- ◆ Diaphragms: 3, semi-hydraulic, Desmopan® standard, Buna available
- ◆ Housing: anodized aluminum
- ◆ Mounting base: included
- ◆ For shaft kits and other drive options, see pages 91-92
- ◆ Recommended control unit: 9910-GR40, see page 93
- ◆ Weight: 23 lbs./10.4 kg (D403); 32 lbs./14.5 kg (D403GRGI)
- ◆ Gas engine versions on page 89

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Pressure in PSI and BAR	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
	LPM	HP	LPM	HP	LPM	HP	LPM	HP	LPM	HP
	@350 RPM		@400 RPM		@450 RPM		@500 RPM		@550 RPM	
0 PSI	6.3	0.22	7.3	0.33	8.0	0.41	8.9	0.54	9.9	0.61
0 BAR	23.9	0.22	27.6	0.33	30.3	0.41	33.6	0.54	37.5	0.61
145 PSI	6.2	0.73	7.1	0.91	7.9	1.07	8.8	1.12	9.8	1.21
10 BAR	23.2	0.73	26.7	0.91	29.9	1.07	33.4	1.12	37.1	1.21
290 PSI	6.1	1.21	7.0	1.41	7.8	1.63	8.7	1.82	9.7	2.03
20 BAR	23.0	1.21	26.4	1.41	29.5	1.63	32.8	1.82	36.7	2.03
465 PSI	6.0	1.80	6.8	2.02	7.7	2.34	8.6	2.61	9.6	2.84
30 BAR	22.7	1.80	25.8	2.02	29.2	2.34	32.3	2.61	36.4	2.84
580 PSI	5.9	2.36	6.7	2.65	7.6	2.91	8.4	3.30	9.5	3.62
40 BAR	22.3	2.36	25.5	2.65	28.9	2.91	31.7	3.30	35.9	3.62

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

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Model Number	Max GPM	Max LPM	Max PSI	Max BAR	Max RPM	Drive and Control Unit
9910-D403	9.9	37.5	580	40	550	1" HB inlet, 1/2" HB outlet
9910-D403GRGI	9.9	37.5	580	40	3600	Assembled with gearbox 9910-KIT1640 and control 9910-GR40 for mounting on 5-6 hp gas engines