

6 hp (4.47 kW) Pump Models



Key Features

- Choice of 10 models, 4 ratios, 20 possible combinations
- Output pressures to 10,000 psi (690 bar)
- Flow rates to 21 gpm (80 l/min)
- Choice of wetted materials
- Single air head – double acting
- Drive pressure 3 to 125 psi (.2 to 9 bar)
- All hydraulic fluids, water (plain or DI), solvents

Model	Nominal Ratio	Maximum Working Pressure <small>Consult chart on page 6 for more information regarding continuous/intermittent pressures.</small>	Displacement per Cycle
GWD, GSF, DGFD ⁽¹⁾ , DGSFD ⁽¹⁾ , DGSTVD ⁽¹⁾	-12	4000 psi (276 bar)	15.9 cu in (260 ml)
GW, GSF, DGF, DGSF, DGSTV	-35 -60 -100	4375 psi (302 bar) 7500 psi (517 bar) 10000 psi (690 bar)	6.0 cu in (98 ml) 3.5 cu in (57 ml) 2.1 cu in (34.5 ml)

(1) Double Acting "Lift" Pumps

*For service codes, see page 17.
For weights and dimensions, see page 22.*

Incorporating 10 models, this heavy duty range of double acting pumps provide pressures up to 10,000 psi (690 bar) and flow rates up to 4 gpm (15 l/min).

Designed to operate with air drive pressures between 40 and 125 psi (2.8 and 9 bar). For drive pressures 3 to 40 psi (.2 to 2.8 bar), order 51875-1 mod.

8 hp (5.97 kW) Pump Models



Key Features

- Choice of 9 models, 8 ratios, 9 possible combinations
- Pressures to 30,000 psi (2068 bar)
- Flow rates to 11.5 gpm (44 l/min)
- All hydraulic fluids, water (plain or DI), solvents, liquefied gases
- Choice of wetted materials
- Single air head – double acting
- Drive pressure 3 to 125 psi (.2 to 9 bar)

Model	Nominal Ratio	Maximum Working Pressure <small>Consult chart on page 6 for more information regarding continuous/intermittent pressures.</small>	Displacement per Cycle
8SFD, 8DFD, 8DSFD, 8DSTVD, 8FD	-25 ⁽¹⁾	4000 psi (276 bar)	14 cu in (229 ml)
8SFD	-40 -65	6000 psi (408 bar) 10000 psi (690 bar)	9 cu in (145.3 ml) 5.4 cu in (88.2 ml)
8DSFD	-100 ⁽¹⁾	10000 psi (690 bar)	3.5 cu in (57.5 ml)
8SFD2 ⁽¹⁾	-55 -88 -224	7200 psi (496 bar) 10000 psi (786 bar) 29000 psi (1724 bar)	14 cu in (229 ml) 8.83 cu in (144 ml) 3.5 cu in (57 ml)
8HSFD	-225 ⁽¹⁾	25000 psi (1724 bar)	1.6 cu in (25.5 ml)

(1) Double Acting "Lift" Pumps

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