

# EXTREME HIGH-PRESSURE PUMPS

VF Series, Triplex Plunger Pump, Horizontally Fitted In-Line valves, Pressure Packing design with Integrated Cooling system and Patent Pending Power End design all add to the strength and durability of this innovative pump series.

**Max. Inlet Pressure: 100 PSI Max. Fluid Temperature: \*86° F Inlet Port Thread: 3/4" BSP-F Discharge Port Thread: 1/2" BSP-F Flange Shaft Diameter: 1.574 in./40 mm Pump Dimensions: 24" x 15" x 9.3" Crankcase Oil Capacity: 128.5 oz. Use GP Series 100 Oil, (see page 33) Stroke: 1.9 in./50 mm Product Group: V**

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
VF12	3.4 GPM	21750 PSI	750 RPM	.472 in./12 mm	50.3 EBHP	45 PSI	150 lbs.
VF12	4.4 GPM	17400 PSI	1000 RPM	.472 in./12 mm	53.6 EBHP	45 PSI	150 lbs.
VF14	4.6 GPM	15950 PSI	750 RPM	.551 in./14 mm	50.2 EBHP	45 PSI	150 lbs.
VF14	6.1 GPM	11600 PSI	1000 RPM	.551 in./14 mm	48.7 EBHP	45 PSI	150 lbs.

**NEW!**



**VF**

VS Series, High Flow, High Pressure Triplex Plunger Pump (must be pressure fed). Horizontally fitted in-line valves, pressure packing design with integrated cooling system and patent pending power end design all add to the strength and durability of this innovative pump series.

**Max. Inlet Pressure: 75 PSI Max. Fluid Temperature: 85° F Inlet Port Thread: 1 1/2" G Discharge Port Thread: 1/2" G Flange Shaft Diameter: 1.378 in./35 mm Crankcase Oil Capacity: 10.5 quarts Stroke: 2.36 in./60 mm Use GP Series 220 Oil, (see page 33) Pump Dimensions: 33.6" x 14.7" x 12.45" Product Group: V**

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
VS1622	6.9 GPM	21750 PSI	2200 RPM	.630 in./16 mm	102.8 EBHP	45 PSI	618 lbs.
VS1822	8.7 GPM	17400 PSI	2200 RPM	.709 in./18 mm	103.7 EBHP	45 PSI	618 lbs.
VS2022	10.8 GPM	13050 PSI	2200 RPM	.787 in./20 mm	96.5 EBHP	45 PSI	618 lbs.
VS2222	12.9 GPM	10800 PSI	2200 RPM	.868 in./22 mm	95.4 EBHP	45 PSI	618 lbs.
VS2422	15.6 GPM	8700 PSI	2200 RPM	.945 in./24 mm	93.0 EBHP	45 PSI	618 lbs.

VS1618	7.1 GPM	21750 PSI	1800 RPM	.630 in./16 mm	105.8 EBHP	45 PSI	618 lbs.
VS1818	9.0 GPM	17400 PSI	1800 RPM	.709 in./18 mm	107.3 EBHP	45 PSI	618 lbs.
VS2018	11.1 GPM	13050 PSI	1800 RPM	.787 in./20 mm	99.2 EBHP	45 PSI	618 lbs.
VS2218	13.5 GPM	10800 PSI	1800 RPM	.868 in./22 mm	99.9 EBHP	45 PSI	618 lbs.
VS2418	16.1 GPM	8700 PSI	1800 RPM	.945 in./24 mm	95.9 EBHP	45 PSI	618 lbs.

VS1615	7.1 GPM	21750 PSI	1500 RPM	.945 in./16 mm	105.8 EBHP	45 PSI	618 lbs.
VS1815	9.0 GPM	17400 PSI	1500 RPM	.709 in./18 mm	107.3 EBHP	45 PSI	618 lbs.
VS2015	11.1 GPM	13050 PSI	1500 RPM	.787 in./20 mm	99.2 EBHP	45 PSI	618 lbs.
VS2215	13.2 GPM	10800 PSI	1500 RPM	.868 in./22 mm	99.6 EBHP	45 PSI	618 lbs.
VS2415	15.8 GPM	8700 PSI	1500 RPM	.945 in./24 mm	94.2 EBHP	45 PSI	618 lbs.



**VS1622**

*Gearbox may be positioned as shown or at 45°, 90°, 135° or 180° from position shown.*

SH Series, Triplex Pump with Gearbox (must be pressure fed). Horizontally fitted in-line valves, pressure packing design with integrated cooling system and patent pending power end design all add to the strength and durability of this innovative pump series.

**Max. Inlet Pressure: 100 PSI Max. Fluid Temperature: 86° F Inlet Port Thread: 1 1/2" BSP-F Discharge Port Thread: 3/4" BSP-F Flange Shaft Diameter: 1.969 in./50 mm Pump Dimensions: 42.4" x 25.8" x 13.7" Crankcase Oil Capacity: 467 oz. Use GP Series 220 Oil, (see page 33) Stroke: 3.543 in./90 mm Product Group: V**

	GPM	PSI	RPM	BORE	HP	DYNAMIC MIN INLET	SHP WGHT
SH2001	11.3 GPM	20300 PSI	1500 RPM	.787 in./20 mm	157.1 EBHP	90 PSI	840 lbs.
SH2017	11.6 GPM	17400 PSI	1750 RPM	.787 in./20 mm	138.2 EBHP	90 PSI	840 lbs.
SH2201	13.7 GPM	15950 PSI	1500 RPM	.866 in./22 mm	159.7 EBHP	90 PSI	840 lbs.
SH2217	14.0 GPM	15950 PSI	1750 RPM	.866 in./22 mm	152.9 EBHP	90 PSI	840 lbs.
SH2401	16.3 GPM	13800 PSI	1500 RPM	.945 in./24 mm	154.1 EBHP	90 PSI	840 lbs.
SH2417	16.6 GPM	13800 PSI	1750 RPM	.945 in./24 mm	156.9 EBHP	90 PSI	840 lbs.
SH2601	19.2 GPM	11600 PSI	1500 RPM	1.024 in./26 mm	152.5 EBHP	90 PSI	840 lbs.
SH2617	19.5 GPM	11600 PSI	1750 RPM	1.024 in./26 mm	154.9 EBHP	90 PSI	840 lbs.
SH2801	22.3 GPM	10150 PSI	1500 RPM	1.102 in./28 mm	155.0 EBHP	90 PSI	840 lbs.
SH2817	22.7 GPM	10150 PSI	1750 RPM	1.102 in./28 mm	157.8 EBHP	90 PSI	840 lbs.
SH3001	25.6 GPM	8700 PSI	1500 RPM	1.181 in./30 mm	152.5 EBHP	90 PSI	840 lbs.
SH3017	25.9 GPM	8700 PSI	1750 RPM	1.181 in./30 mm	154.3 EBHP	90 PSI	840 lbs.



**SH2601**

*Please refer to pages 48-51 for fittings, safety devices and other accessories. Performances refer to theoretical delivery with 100% volumetric efficiency. Under normal operating conditions, pump volumetric efficiency is over 95%. Please contact our technical staff in case of continuous, heavy-duty, or special applications.*