

KT24A/28A/30A/32A /36A

/40A Series

FEATURES

- High pressure, Triplex Plunger Pump, available in 4 flows
- Double pressure packings
- Pressure packing integrated cooling system
- Horizontally fitted in-line valves
- Splash lubrication
- SAE “B” hydraulic drive available

MATERIALS

- High resistance light alloy crankcase
- Cast iron manifold
- Tapered roller rim bearings
- Special anti-friction light alloy connecting rods
- Forged alloy steel crankshaft, hardened, tempered and nitrided
- Cast iron plunger guide, nickel treated
- Solid ceramic plungers
- Stainless steel valves

Product Group: V

1813 PSI/125 BAR



COMMON SPECIFICATIONS

- Maximum Inlet Pressure: 45 PSI
- Minimum Inlet Pressure. PSI
- Maximum Fluid Temperature: *140° F
- Inlet Port Thread: 1-1/4" NPT-F
- Discharge Port Thread: 1" NPT-F
- Shaft Diameter: 1.181"/ 30 mm
- Stroke: 1.102"/26 mm
- Pump Dimensions: 15.55" L x 13.4"W x 7.6"H
- Crankcase Oil Capacity: 67.6 oz. (2 liters)
. (use GP Series 220 Oil)
- Shipping Weight: 77 lbs./35 kg

*Please consult technical guide or GP Sales Representative for Temperature/Inlet Pressure Information.

MODEL	GPM/LPM	PSI/BAR	RPM	BORE	HP
KT24A	16.4 GPM/62 LPM	2900 PSI/200 BAR	1750 RPM	.845 in./24 mm	32
KT28A	22.2 GPM/84 LPM	2540 PSI/175 BAR	1750 RPM	1.102 in./28 mm	38
KT30A	25.4 GPM/96 LPM	2175 PSI/150 BAR	1750 RPM	1.181 in./30 mm	37
KT32A	29.1 GPM/110 LPM	1750 PSI/120 BAR	1750 RPM	1.259 in./32 mm	34
KT36A	33.1 GPM/125 LPM	1813 PSI/125 BAR	1580 RPM	1.417 in./36 mm	41
KT40A	37.5 GPM/142 LPM	1450 PSI/100 BAR	1450 RPM	1.574 in./40 mm	37

Volumes are theoretical at 100% volumetric efficiency.

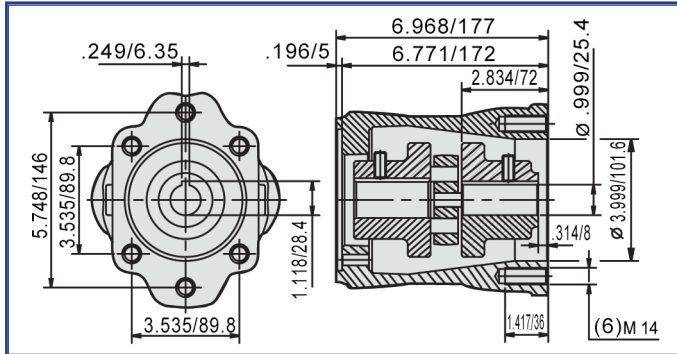


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Technical Details



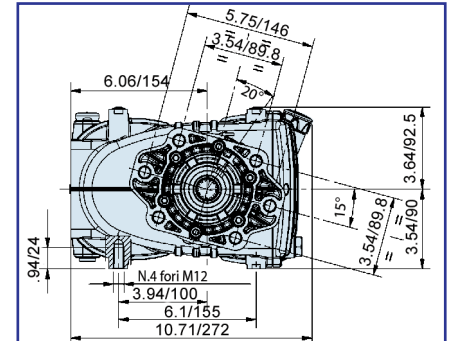
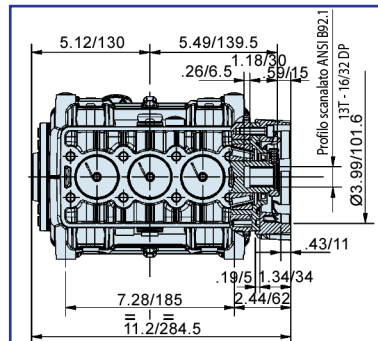
DRIVE OPTIONS



SAE-J 744-B hydraulic bell housing and flexible coupler.



SAE J744-B Spline Shaft
13T 16/32 DP Hydraulic
Drive.



ZRPM1 RPM Counter

Inductive proximity sensor, c/w female connector M12 4 pin, IP67, field attachable, ring nut reduction M18 x 1.
Power Supply: 12/24 VDC



Technical drawings of the 1000 Series 10000 BTU/hr. Natural Gas Water Heater. The left drawing is a side view showing dimensions: overall width 15.94"/405 mm, overall height 7.61"/193 mm, and various mounting and connection points. The right drawing is a front view showing the burner assembly with dimensions: burner spacing 5.12"/130 mm, burner width 8.29"/210.5 mm, and inlet/outlet connections. The dry weight is 77 lbs..