



Vican Series 32/432 pumps are designed for handling a variety of fluids while directly connected to nominal speed motors. The Series 32 pumps are supplied with packing. The Series 432 pumps are supplied with time proven mechanical seal to eliminate leakage. A ball bearing handles trust loading and is not exposed to liquid pumped. An integral relief valve is standard.

**Capacities – 0.9 to 11.4 l/min (0.25 to 3 USGPM)**

**Differential Pressures – to 17.2 Bar (250 PSI)**

**Temperatures – to 149°C (Packed) 107°C (Mech. Seal) (300°F, 225°F) <sup>(1)</sup>**

**Viscosities – to 2100 cPs (7500 SSU)**

VICAN series 32 and 432 of pumps are ideally suited for continuous or intermittent duty for such applications as filtering, circulating, transferring, or booster service. They are designed and engineered for fuel oil supply for boilers and heaters and are commonly found in marine, petroleum and general uses.

### Standard Construction

SERIES <sup>(4)</sup>	CASING	HEAD	ROTOR and SHAFT	IDLER	IDLER PIN	CASING BUSHING	SEAL	RELIEF VALVE
32 SERIES (Packed)	IRON	IRON	STEEL	STEEL	NITRALLOY	CARBON GRAPHITE	PACKING	RV SET @ 690 kPa (100 PSI)
432 SERIES (Mechanical Seal)	IRON	IRON	STEEL	STEEL	NITRALLOY	CARBON GRAPHITE	BUNA MECH SEAL <sup>(2)(3)</sup>	RV SET @ 690 kPa (100 PSI)

### Specifications

Model No.	Port Size (Inch)	Nominal Pump Rating At 345 kPa (50 PSI) 21 cSt (100 SSU)			Motor Power Required Based on Rated Speed 21 cSt (100 SSU)				Maximum Hydro-Static Pressure		Max. Rec. Discharge Pressure Over 21 cSt (100 SSU)	Maximum Recommended Temperature <sup>(1)</sup>				Approx. Shipping Weight		
					345 kPa (50 PSI)		690 kPa (100 PSI)					Packed		Mech. Seal				
		GPM	l/min	RPM	HP	kW	HP	kW	PSI	kPA	PSI	kPA	°F	°C	°F	°C	LB	KG
C-32 C432	1/4" NPT	0.25	0.9	950	0.25	0.18	0.25	0.18	750	5171	250	1723	300	149	225	107	5	2.3
		0.30	1.1	1150	0.25	0.18	0.25	0.18										
		0.40	1.5	1450	0.25	0.18	0.25	0.18										
		0.50	1.9	1750	0.25	0.18	0.25	0.18										
F-32 F-432	1/2" NPT	0.75	2.8	950	0.25	0.18	0.25	0.18	750	5171	250	1723	300	149	225	107	6	2.7
		1.00	3.8	1150	0.25	0.18	0.25	0.18										
		1.50	5.7	1450	0.25	0.18	0.25	0.18										
FH-32 FH-432	1/2" NPT	1.50	5.7	950	0.25	0.18	0.25	0.18	750	5171	250	1723	300	149	225	107	6	2.7
		2.00	7.6	1150	0.25	0.18	0.25	0.18										
		2.50	9.5	1450	0.25	0.18	0.33	0.25										
		3.00	11.4	1750	0.25	0.18	0.33	0.25										

(1) For higher temperatures consult Factory

(2) Viton and Teflon mechanical seals are available as options

(3) Mechanical seal seat has Bronze bushing

(4) Rotation on standard construction pumps is Clockwise (CW) viewed from shaft end. Counter-Clockwise (CCW) rotation is available upon request.