

Single Vane Pump V10

INTERMAGNUS

Model Code

V10 - 1P7P - 1A - L

Model V10 ————

Ring Size ————
1, 2, 3, 4, 5, 6, 7

Shaft ————
1 - Straight keyed
11 - Splined

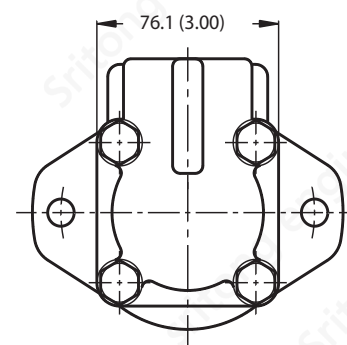
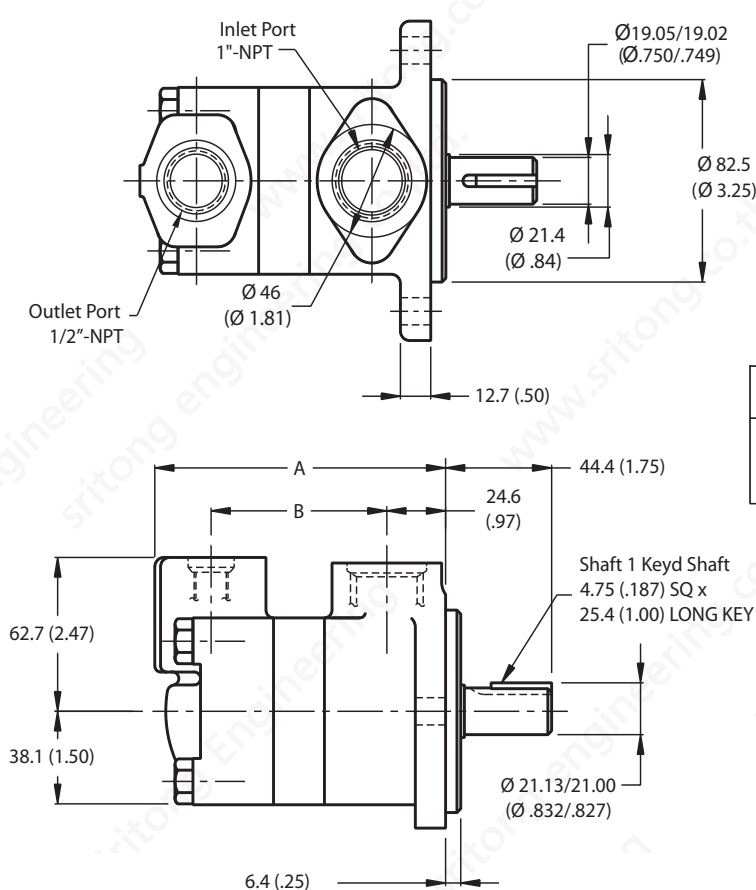
Shaft Rotation
(Viewed from shaft end)
Omit - Clockwise
L - Anticlockwise

Outlet Port Position
(Viewed from cover end)
A - Opposite inlet
B - 90° CCW from inlet
C - Inline with inlet
D - 90° CW from inlet

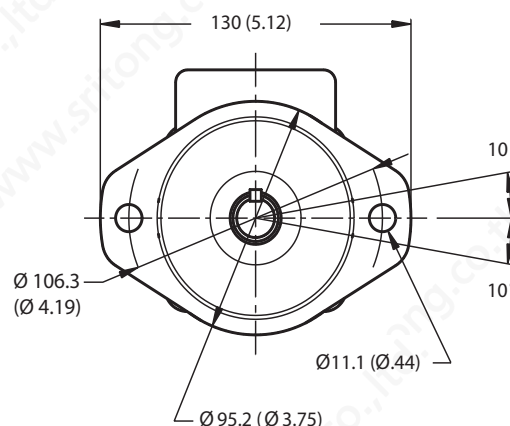


Performance Data and Dimensions mm (inch)

Model Series	Geometric Displacement	Delivery at 1500 r/min & 7 bar (100 psi)	Maximum Speed	Minimum Speed	Maximum Pressure	Weight
	cm^3/r (in^3/r)	L/min (USgpm)	r/min	r/min	bar (psi)	kg (lb)
V10-1P1P-*	3.3 (0.20)	4.70 (1.25)	4800	650	172 (2500)	4.5 - 6.8 (10 - 15)
V10-1P2P-*	6.6 (0.40)	9.40 (2.50)	4500	650	172 (2500)	
V10-1P3P-*	9.8 (0.60)	14.20 (3.75)	4000	650	172 (2500)	
V10-1P4P-*	13.1 (0.80)	18.90 (5.00)	3400	650	172 (2500)	
V10-1P5P-*	16.4 (1.00)	23.60 (6.25)	3200	650	172 (2500)	
V10-1P6P-*	19.5 (1.19)	28.40 (7.50)	3000	650	152 (2200)	
V10-1P7P-*	22.8 (1.39)	33.10 (8.75)	2800	650	138 (2000)	



Delivery @ 1200 rpm & 7 bar (100 psi)	Dimension	
	A	B
1, 2, 3	115.6 (4.55)	67.3 (2.65)
4, 5	121.9 (4.80)	73.7 (2.90)
6, 7	127.0 (5.00)	78.7 (3.10)



Single Vane Pump V20

INTERMAGNUS

Model Code

V20 - 1P9P - 1A - L

Model V20 ————
Ring Size ————
6, 7, 8, 9, 11, 12, 13

Shaft ————
1 - Straight keyed
11 - Splined

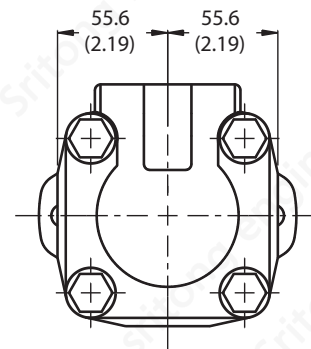
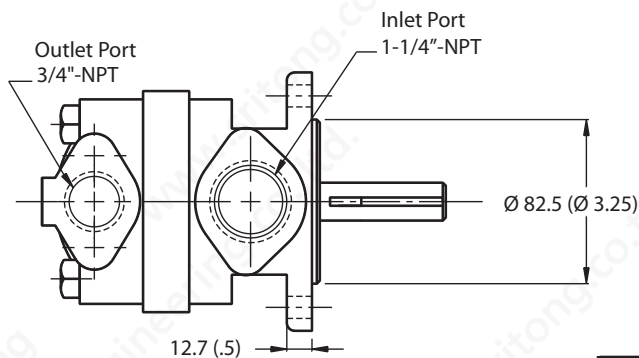
Shaft Rotation
(Viewed from shaft end)
Omit - Clockwise
L - Anticlockwise

Outlet Port Position
(Viewed from cover end)
A - Opposite inlet
B - 90° CCW from inlet
C - Inline with inlet
D - 90° CW from inlet



Performance Data and Dimensions mm (inch)

Model Series	Geometric Displacement <i>cm³/r (in³/r)</i>	Delivery at 1500 r/min & 7 bar (100 psi) <i>L/min (USgpm)</i>	Maximum Speed <i>r/min</i>	Minimum Speed <i>r/min</i>	Maximum Pressure <i>bar (psi)</i>	Weight <i>kg (lb)</i>
V20-1P6P-*	19.5 (1.19)	28.39 (7.50)	3400	650	172 (2500)	7.3 - 8.2 (16 - 18)
V20-1P7P-*	22.8 (1.39)	33.11 (8.75)	3000	650	172 (2500)	
V20-1P8P-*	26.5 (1.62)	37.85 (10.00)	2800	650	172 (2500)	
V20-1P9P-*	29.7 (1.81)	42.57 (11.25)	2800	650	172 (2500)	
V20-1P11P-*	36.4 (2.22)	52.04 (13.75)	2500	650	172 (2500)	
V20-1P12P-*	39.0 (2.38)	56.77 (15.00)	2400	650	152 (2200)	
V20-1P13P-*	42.4 (2.59)	61.50 (16.25)	2400	650	152 (2200)	



Delivery @ 1200 rpm & 7 bar (100 psi)	Dimension	
	A	B
6	125.2 (4.93)	71.1 (2.80)
7, 8, 9	131.6 (5.18)	77.5 (3.05)
11	136.7 (5.38)	82.6 (3.25)
12, 13	140.2 (5.52)	86.1 (3.39)

