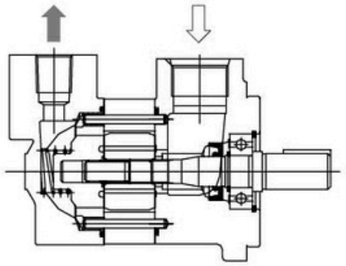
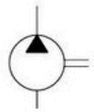
V10, 20 Series-vane Pumps





Hydraulic Sign



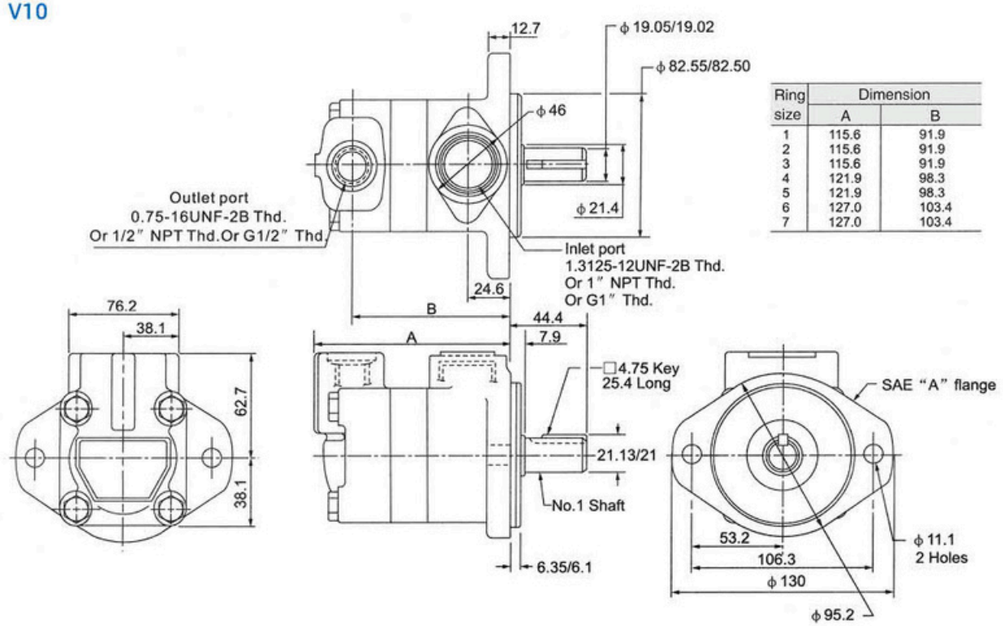
Model Designation

(F3–)	V10	–P	7	S	–1	C	20	–L
Note	Series	Inlet connection	Displacement	Outlet connection	Shaft type	Outlet positions	Design number	Rotation
Omit if not required F3–: Viton seals	V10	P–1"NPT Thread S–1.3125–12 Straight B–G1" Thread	1, 2, 3, 4, 5, 6, 7	P–1/2"NPT Thread S–0.750–16 Str.Thread B–G1/2" Thread	1– Str key 11– Spline 38–11teeth–3/4" outside spline shaft 62–spline shaft (only for V20)	(Viewed from cover end of pump) A– Opposite inlet B– 90° CCW from inlet C– Inline with inlet D– 90° CW from inlet	20	(Viewed from shaft end of pump) R– right hand for clockwise L– left hand for counter–clockwise
	V20	P–1–1/4"NPT Thread S–1.625–12 Straight B–G1–1/4" Thread	6, 7, 8, 9, 10, 11, 12, 13	P–3/4"NPT Thread S–1.0625–12 Straight R–1.1875–12 Straight B–G3/4"Thread			10	

Technical Data

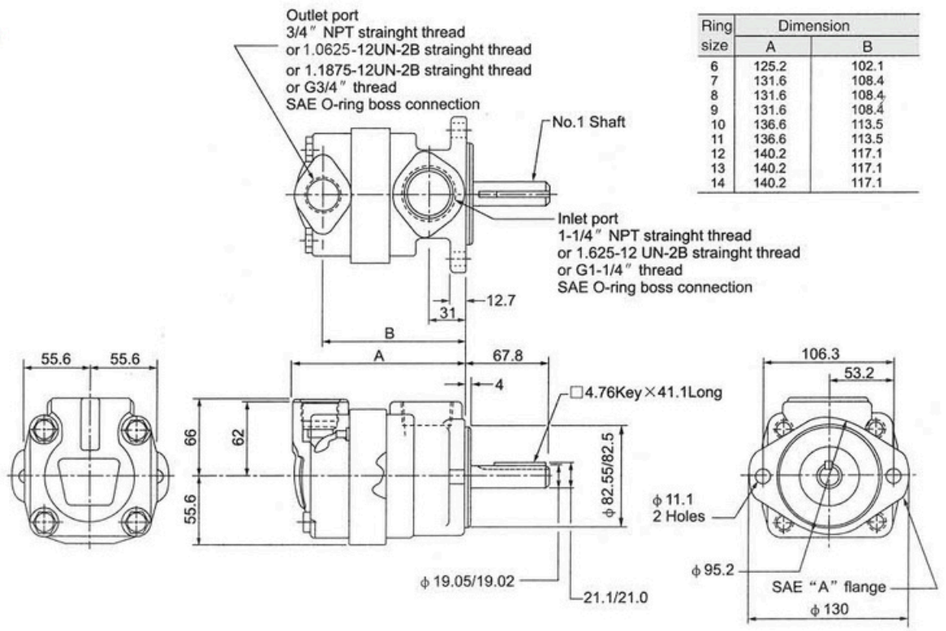
series	Displacement code	Geometric displacement mL/r	With antiwear hydraulic oil or phosphate ester fluid		With water glycol fluid		With water–oil emulsions	
			Mpa Max.pressure	r/min Max.speed	Mpa Max.pressure	r/min Max.speed	Mpa Max.pressure	r/min Max.speed
V10	1	3.3	17.2	4800	12.4	1800	10.3	1800
	2	6.6		4500				
	3	9.8		4000				
	4	13.1		3400				
	5	16.4		3200				
	6	19.5	15.2	3000			10.9	
	7	22.8	13.8	2800				
V20	6	19.5	17.2	3400	12.4	1800	10.9	1800
	7	22.8		3000				
	8	26.5		2800				
	9	29.7						
	10	30.0						
	11	36.4		2500	10.9		9.3	
	12	39	15.2	2400				
	13	42.4						

V10



Ring size	Dimension A	Dimension B
1	115.6	91.9
2	115.6	91.9
3	115.6	91.9
4	121.9	98.3
5	121.9	98.3
6	127.0	103.4
7	127.0	103.4

V20



Ring size	Dimension A	Dimension B
6	125.2	102.1
7	131.6	108.4
8	131.6	108.4
9	131.6	108.4
10	136.6	113.5
11	136.6	113.5
12	140.2	117.1
13	140.2	117.1
14	140.2	117.1