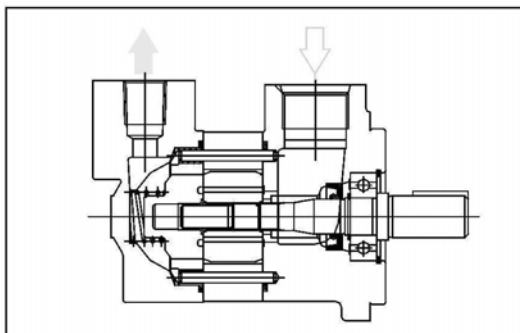


V10、V20 Series Vane Pumps —For Industrial Equipment



Model Code

(F3-)	V10	-P	7	S	-1	C	20	-L
Prefix	Series	Inlet port connections	Code	Outlet port connections	Shafts	Outlet Positions	Design	Rotation
Omit-Usting antiwear oil water glycol fluid	V10	R-1" NPT thread S-1.3125-12 straight thread B-G1" thread	1,2,3,4, 5,6,7	P-1/2" NPT thread S-0.750-16 straight thread B-G1/2" thread	1-Str,Key 11-Spline 38-11tooth -3/4" OD.	(Viewed from cover end of pump) A-Opposite inlet port B-90°CW from inlet C-In line with in inlet D-90°CW from inlet	20	(Viewed from shaft end of pump) L-Left hnd for counterclockwise R-Right hand for clockwise
F3-Phosphate ester fluid	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-1.1875-12 straight thread B-G3/4" thread	62-spline (V20 only)		10	

Specification

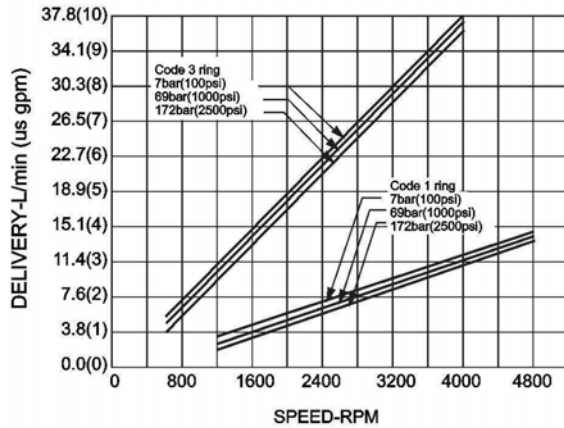
Model	Code	Geometric Displacement mL/r	Using anti-wear oil or phosphate ester fluid		Using water glycol fluid		Using water-in-oil emulsions	
			Max.pressure MPa	Max.Speed r/min	Max.pressure MPa	Max.Speed r/min	Max.pressure MPa	Max.Speed r/min
V10	1	3.3	17.2	4800	12.4	1800	10.3	1800
	2	6.6		4500				
	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	
	12	39	15.2	2400				
	13	42.4						

Performance Characteristics

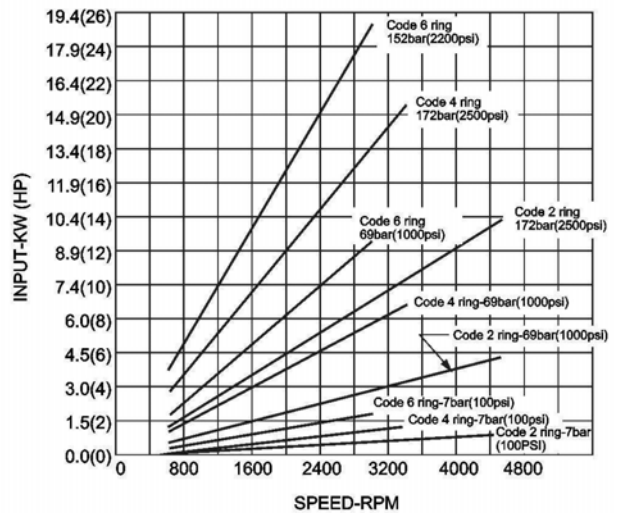
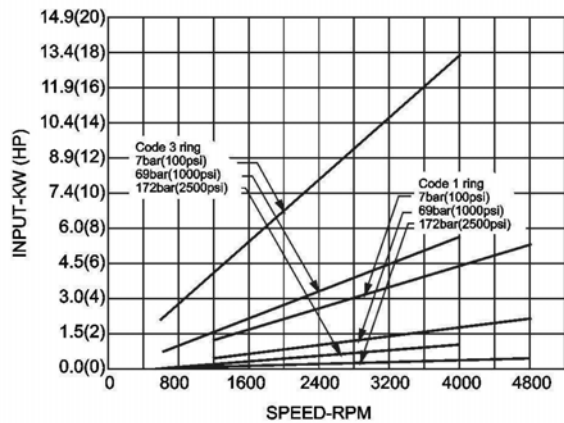
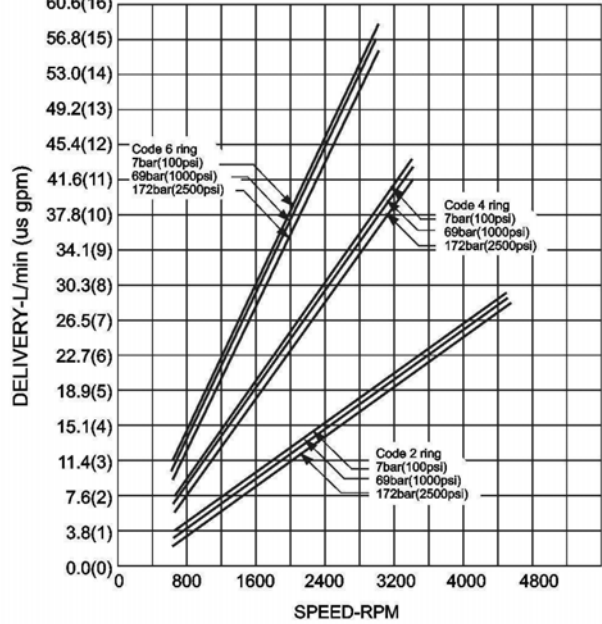
Typical flows at 49°C, oil at 26cSt(38°C), 0MPa

V10

Code 1 & 3 rings



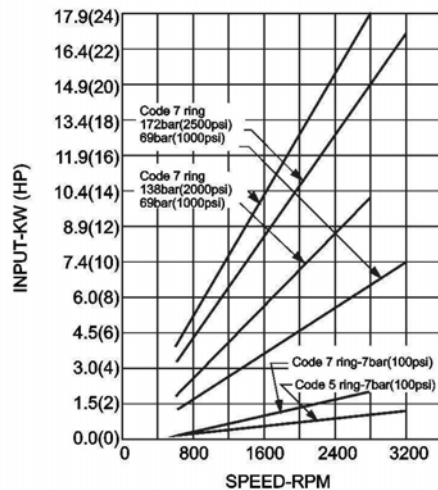
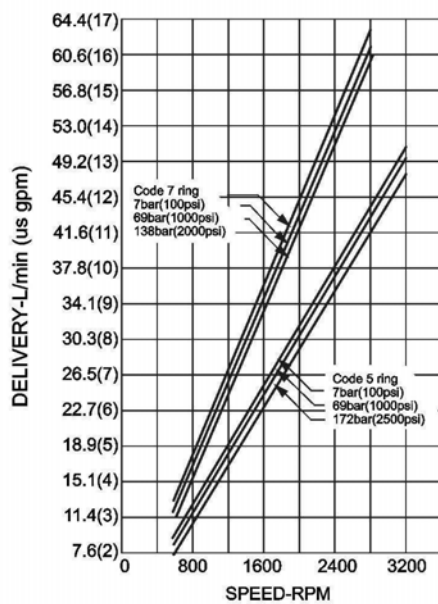
Code 2,4 & 6 rings



E.P.R. HYDRAULIC DIVISION: HIGH-TECH PUMPS

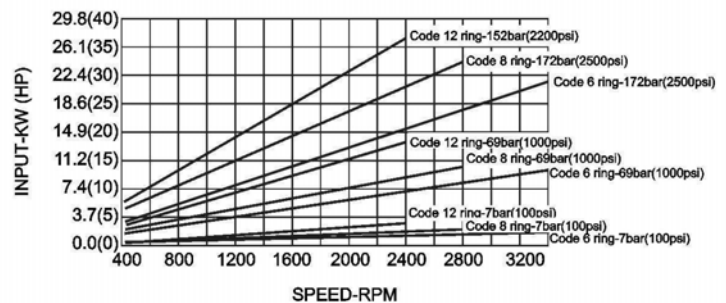
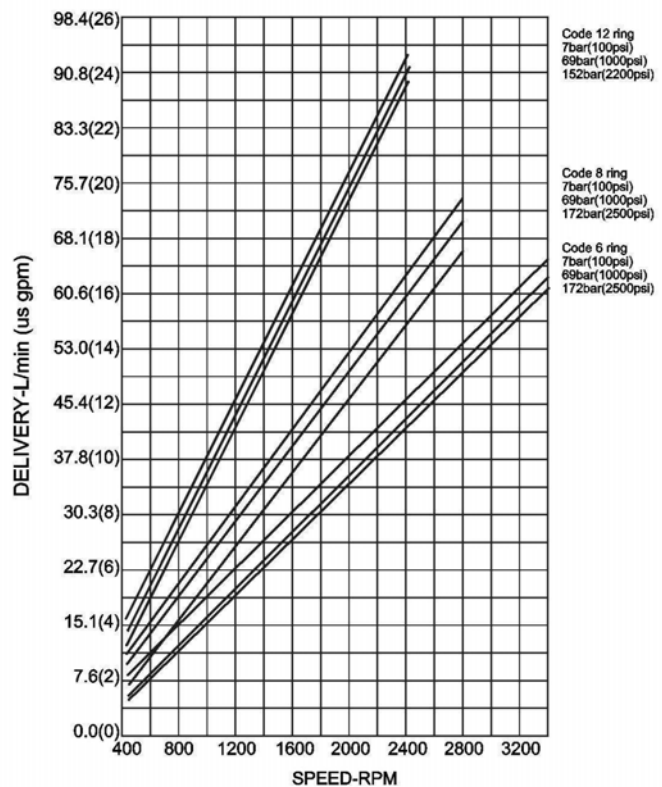
V10

Code 5 & 7 rings



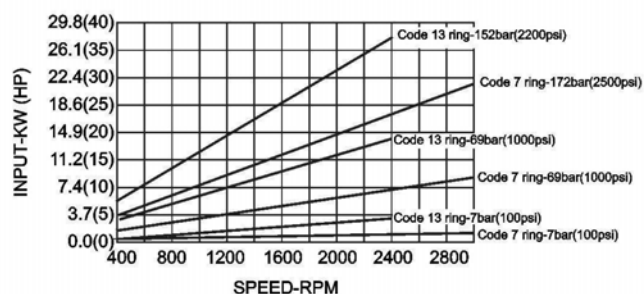
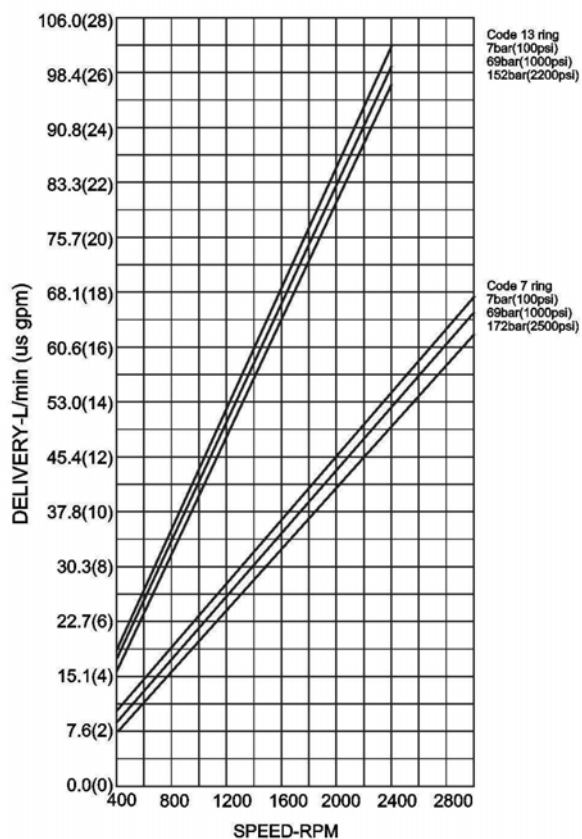
V20

Code 6,8 & 12 rings

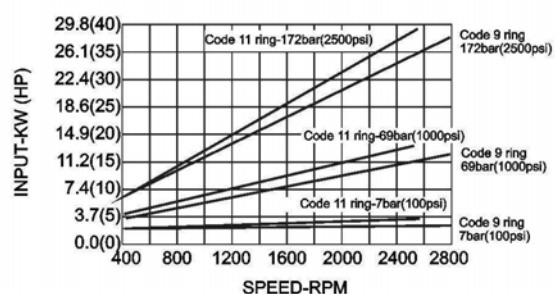
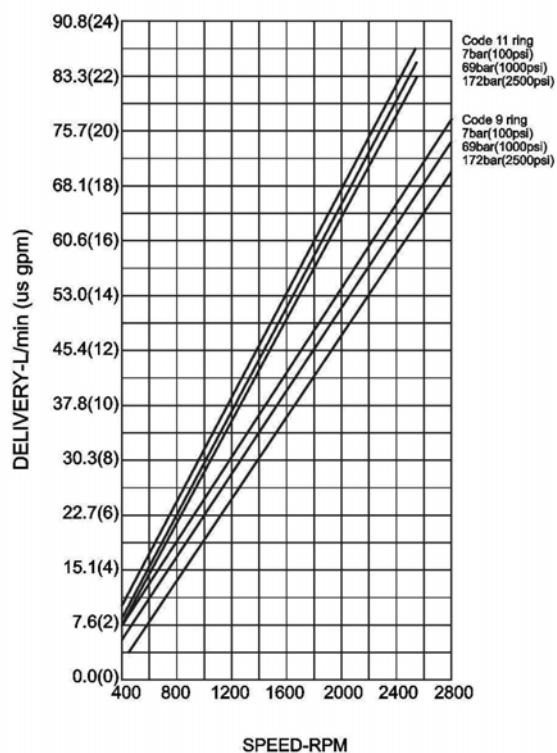


V20

Code 7 & 13 rings

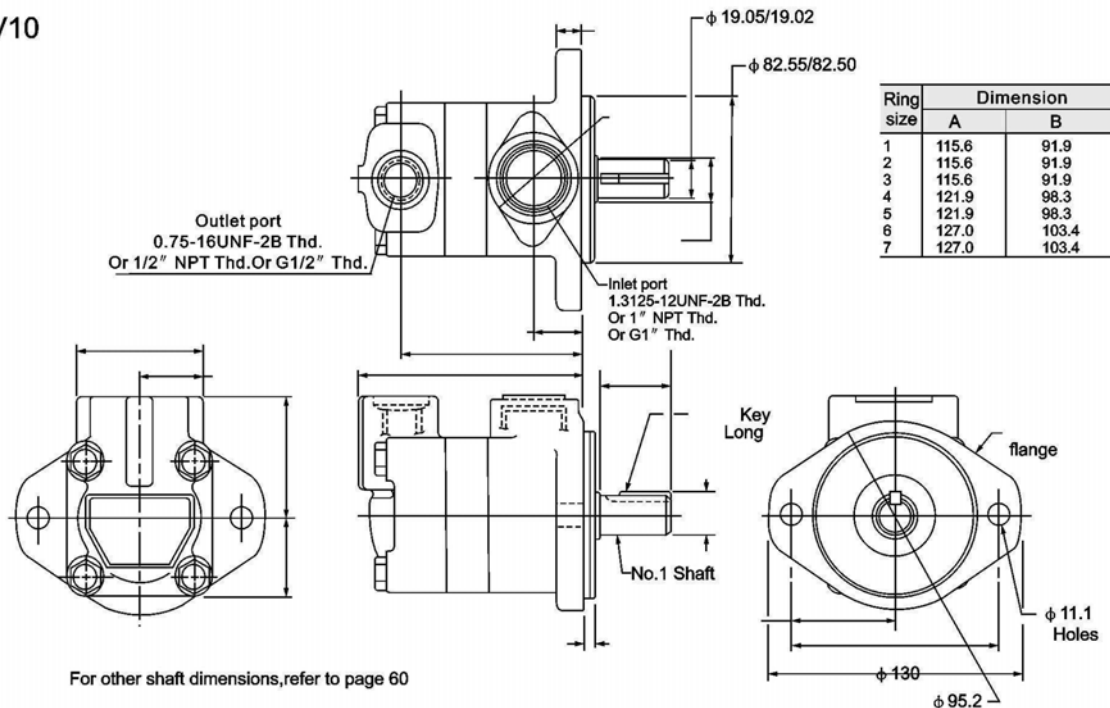


Code 9 & 11 rings

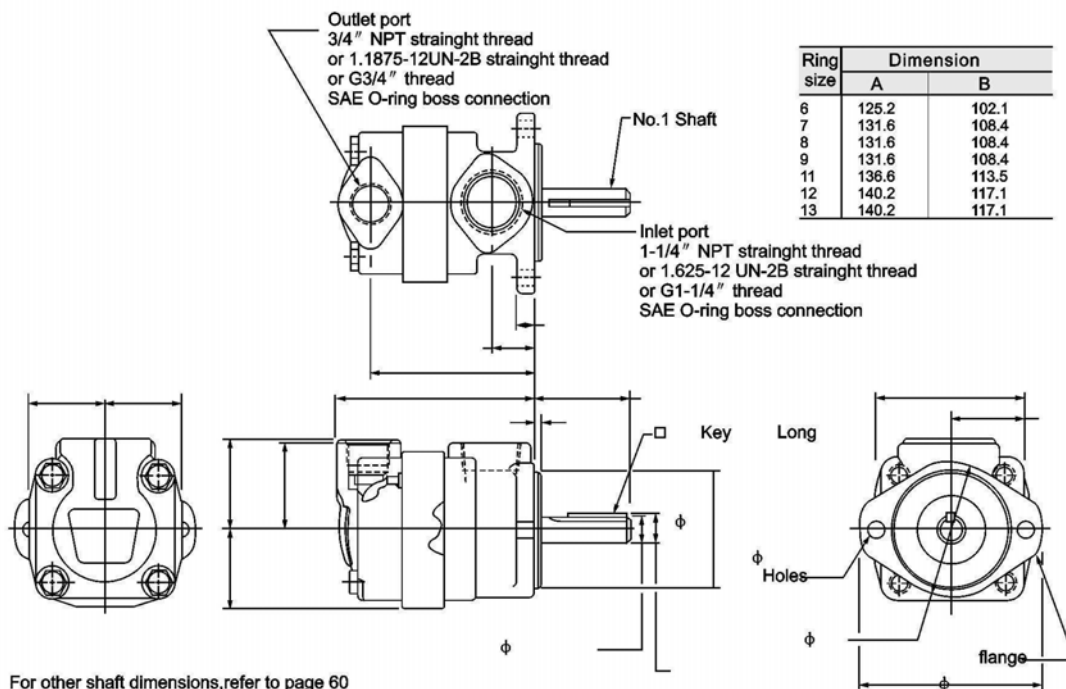


Installation dimensions

V10

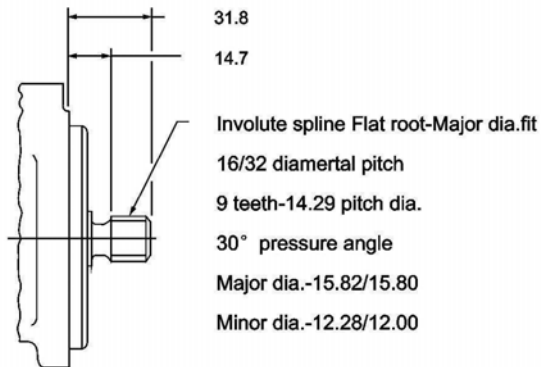


V20



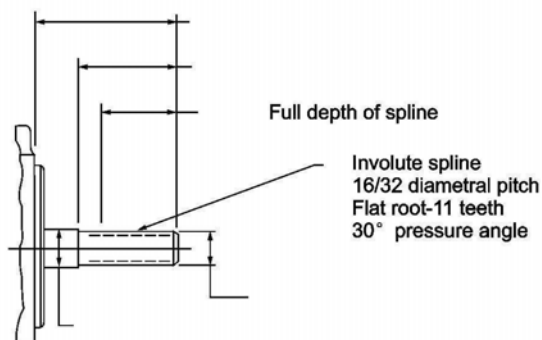
● V10 Series Splined Shafts

No.11 Shafts



● V20 Series Splined Shafts

No.11 Shafts



62 Splined Shafts

