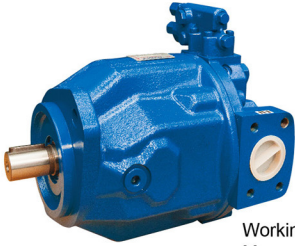


PA10VSO Series Variable Displacement Axial Piston Pump



Working pressure: 280Bar
Max pressure: 350Bar

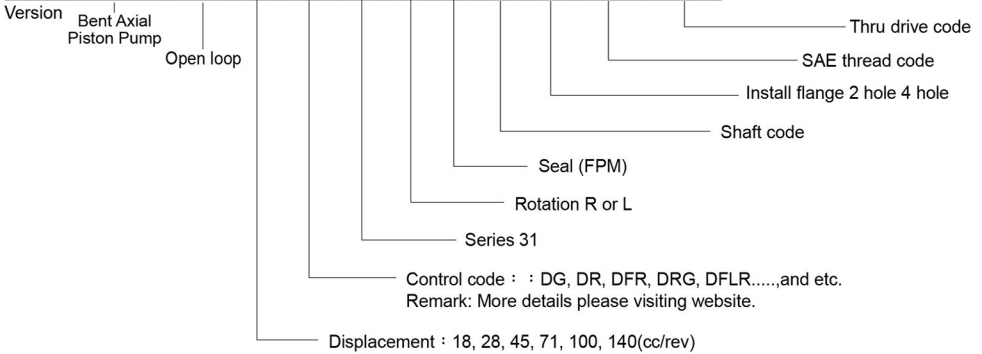


Features:

- Bent axial piston pump, open loop
- Long life, low noise.
- Variable control options.
- Drive thru, multi-pumps connection.
- Long testing validation, reliable quality.
- Applications for industry & construction machinery.

Order code

P A10VS O 45 DR 31 R V S A 12 N00
0 1 2 3 4 5 6 7 8 9 10 11



Specification				18	28	45	71	100	140
Displacement (cc/rev)		Vg max	MI/r	18	28	45	71	100	140
Speed (rpm)	Vg max	No max	rpm	3300	3000	2600	2200	2000	1800
	Vg <Vg max	No max zul	rpm	3900	3600	3100	2600	2400	2100
Flow (L/min)	No max	qvo max	L/min	59	84	117	156	200	252
	Ne=15000rpm	qVE max	L/min	27	42	68	107	150	210
Capacity (kw)	No max	Po max	kw	30	39	55	73	93	118
	Ne=15000rpm	PE max	kw	12.6	20	32	50	70	98
Torque (Nm)	Vg max (ΔP=25Mpa)	T max	Nm	80	125	200	316	445	623
	Vg max (ΔP=10Mpa)	T max	Nm	30	45	72	113	159	223
Volume (L)	V	L		0.4	0.7	1.0	1.6	2.2	3.0
Weight(without thru drive, approx.) (kg)	m	kg		12	15	21	33	45	60

Remark

- 1.Theory value without coefficient & difference: approx.
- 2.Suitable for:
Section "S" is min. pressure Pabs=1bar
Viscosity range $\nu_{opt}=16\sim36\text{mm}^2/\text{s}$
*Using mineral hydraulic oil

Working pressure range-Input

S port(Input) pressure

P abs min _____ 0.8 Bar

P abs max _____ 5 Bar

Working pressure range-Drain

B port pressure

Working pressure Pn _____ 280 Bar

Max. pressure Pmax _____ 350 Bar