

Vane Pump Datasheet

Frame coverage and cartridge kit content for the V, VQ, T6, T7, SQP, V10, V20 and VTM42 families.

Frame Coverage

Family	Single Frames	Double Frames
V series	20V 25V 35V 45V	2520V 3520V 3525V 4520V 4525V 4535V
VQ series	20VQ 25VQ 30VQ 35VQ 45VQ	2520VQ 3520VQ 3525VQ 4520VQ 4525VQ 4535VQ
T6 and T7 series	T6C T6D T6E T6CC T6DC T6DD T6EC T6ED T6EE T7B	Included in the T6 designations
SQP series	SQP1 SQP2 SQP3 SQP4	SQP21 SQP31 SQP32 SQP41 SQP42 SQP43
V10 and V20 series	V10 V20	V2010 V2020
VTM42 steering	VTM42	Not applicable

Cartridge Kit Content

Item	Included In a Cartridge Kit
Rotor	Ground vane slots after heat treatment
Cam ring	Bearing quality steel, through hardened and profile ground
Vanes	Matched to the rotor slot width
Port plate	Lapped flat
Pressure plate	Lapped flat
Pins and cartridge seals	Included
Shaft seal kit	Separate item, recommended with every cartridge change

Build Variables Confirmed From the Model Code

- Displacement digits for each pump section
- Rotation, left or right hand
- Shaft end, keyed or splined, and the spline detail
- Port and mounting variant
- Seal material where the fluid is not a standard mineral oil

Performance Data

Displacement, pressure and speed figures depend on the exact variant. We confirm them against your model code before quotation rather than publishing figures that may not apply to your pump.

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