



Based on original Denison
design

Cartridge kits are interchangeable
with Denison & Veljan



All cartridges are equipped
with bi-rotational plates
with the exception
of "E" Sizes

[EVO]LUTION

PERMCO

VANE PUMPS & MOTORS

Pumps configurable in single,
double & triple sections

Industrial & Mobile
applications

Vane pumps & motors available
in many SAE configurations

6cc/rev = 270cc/rev

Up to 4640psi (320bar)

600rpm = 3600rpm





Single Pumps

Series	Displacement Range	Max Pressure	Max Speed
PT6C	10.8cc/rev - 100cc/rev	4000psi (275bar)	2800rpm
PT6D	47.6cc/rev - 158cc/rev	3500psi (240bar)	2500rpm
PT6DS	47.6cc/rev - 158cc/rev	3500psi (240bar)	2500rpm
PT6E	132.3cc/rev - 169.8cc/rev	3500psi (240bar)	2200rpm
PT6GC	10.8cc/rev - 100cc/rev	4000psi (275bar)	2800rpm
PT7B/BS	5.7cc/rev - 50cc/rev	4640psi (320bar)	3600rpm
PT6D/DS	47.6cc/rev - 158cc/rev	4350psi (300bar)	3000rpm

Refer catalogue for "Max" limitations per displacement

Double & triple Pumps

Series	Displacement Range	Max Pressure	Max Speed
PT6CC	10.8cc/rev - 100cc/rev	4000psi (275bar)	2800rpm
PT6DC	47.6cc/rev - 158cc/rev	4000psi (275bar)	2500rpm
PT6DDS	47.6cc/rev - 158cc/rev	3500psi (240bar)	2500rpm
PT6EE/ED/EC	10.8cc/rev - 269.8cc/rev	4000psi (275bar)	2200rpm
PT6GCC	10.8cc/rev - 100cc/rev	4000psi (275bar)	2800rpm
PT67CB	5.7cc/rev - 100cc/rev	4375psi (300bar)	2800rpm
PT6CDCC	10.8cc/rev - 158cc/rev	4000psi (275bar)	2500rpm
PT6DDCS	10.8cc/rev - 158cc/rev	4000psi (275bar)	2500rpm

Refer catalogue for "Max" limitations per displacement

single pump with rear pad

Series	Displacement Range	Max Pressure	Max Speed
PT6CR	10.8cc/rev - 100cc/rev	4000psi (275bar)	2800rpm
PT6DR	47.6cc/rev - 158cc/rev	3500psi (240bar)	2500rpm
PT6ER	132.3cc/rev - 269.8cc/rev	3500psi (240bar)	2200rpm

Refer catalogue for "Max" limitations per displacement

motors

Series	Displacement Range	Max Pressure	Max Speed
PM4C	24.4cc/rev - 80.1cc/rev	3335psi (230bar)	3500rpm
PM4D	65.1cc/rev - 144.4cc/rev	3045psi (210bar)	3500rpm
PM4E	158.5cc/rev - 222cc/rev	2755psi (190bar)	3200rpm

Refer catalogue for "Max" limitations per displacement