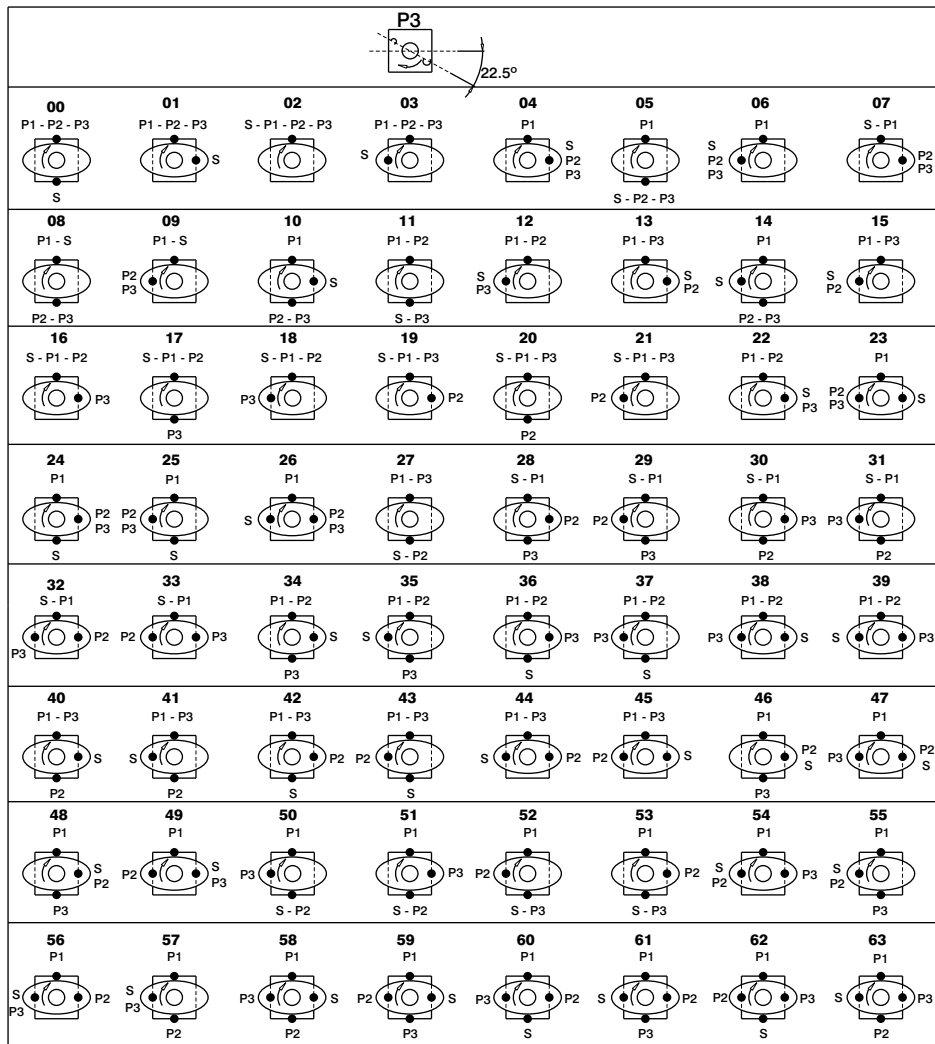
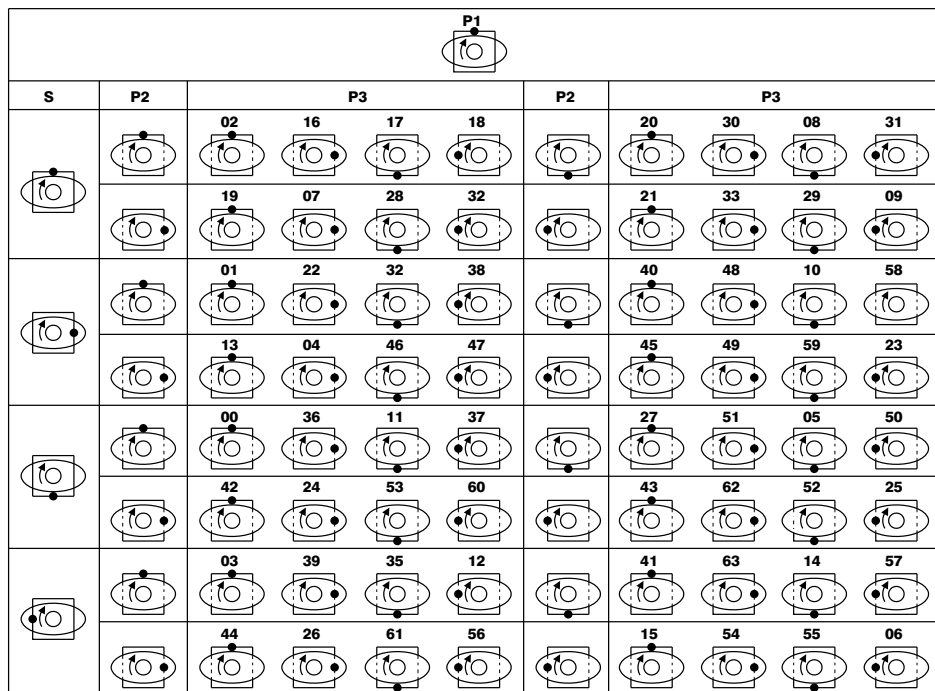


VP
DT



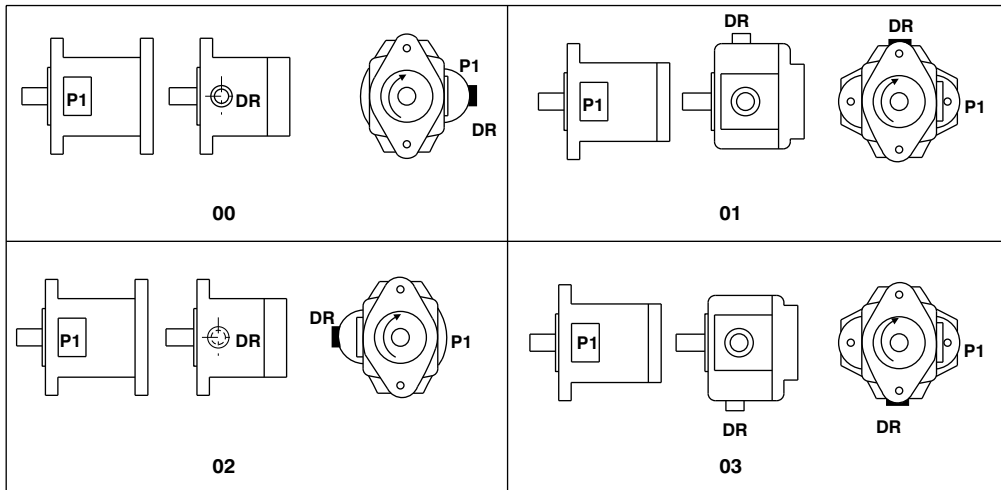
VT6DCCR-VT6EDCR



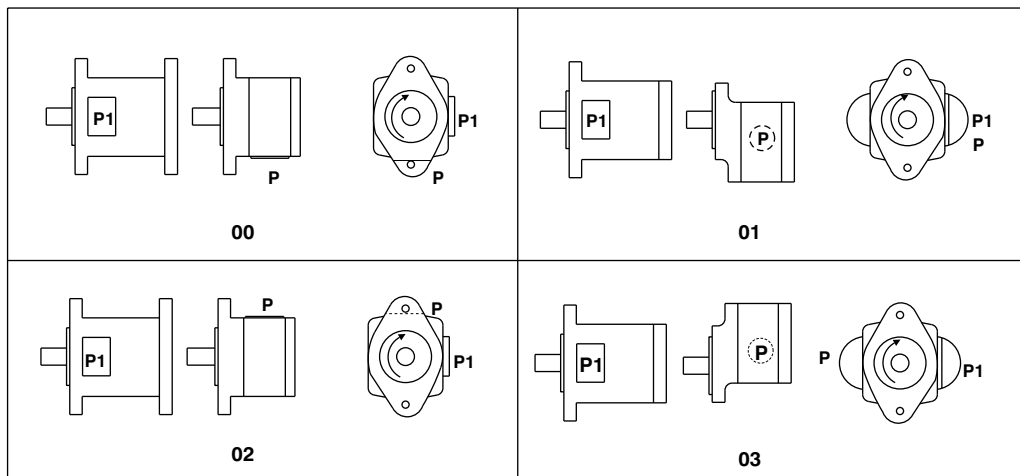
VT6DCCR-VT6EDCR

Assembly Porting Definition

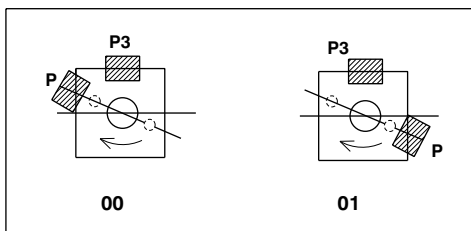
VVP&VVH type - F For the second pump the reference is the drain port on Piston Pump. (view from front shaft end)



VVG type - Front Single Vane Pump (view from front shaft end.)

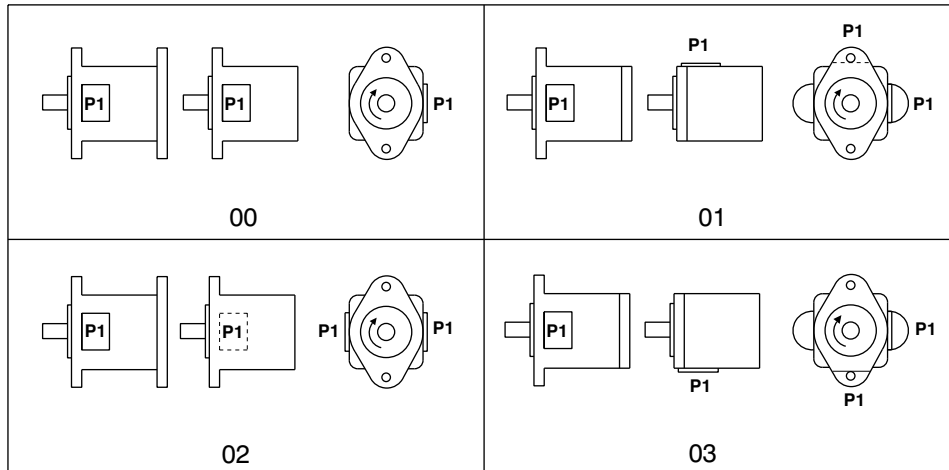


VVG type - Front Single Vane Pump (view from front shaft end.)



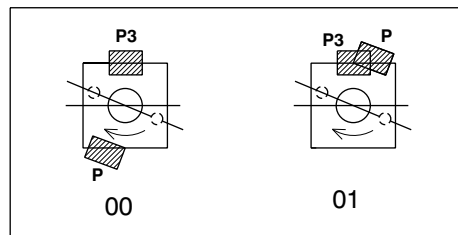
VP
DT

VV type - For Single Vane Pump (view from front shaft end).



VP
DT

VV type - For Triple Vane Pump (view from front shaft end).



Assembly - Ordering Code

| Assembly Tandem | VVV-.. |
|-------------------------------------|---------------------|
| VV = Vane pump + Vane Pump | Porting combination |
| VVP = Vane pump + Piston Pump (PP) | 00 |
| VVG = Vane pump + Gear Pump (GP) | 01 |
| VVH = Vane pump + Hybrid Pump (HVP) | 02 |
| | 03 |

Assembly Screws

- SAE A rear mounting adaptor : 2 screws M10 x 1.18 (30.0) (Mounting torque = 433.6 in.lbf) = 49 NM
- SAE B rear mounting adaptor : 2 screws M12 x 1.38 (35.0) (Mounting torque = 778.8 in.lbf) = 88 NM
- SAE C rear mounting adaptor : 2 screws M16 x 1.57 (40.0) (Mounting torque = 1902 in.lbf) = 190 NM

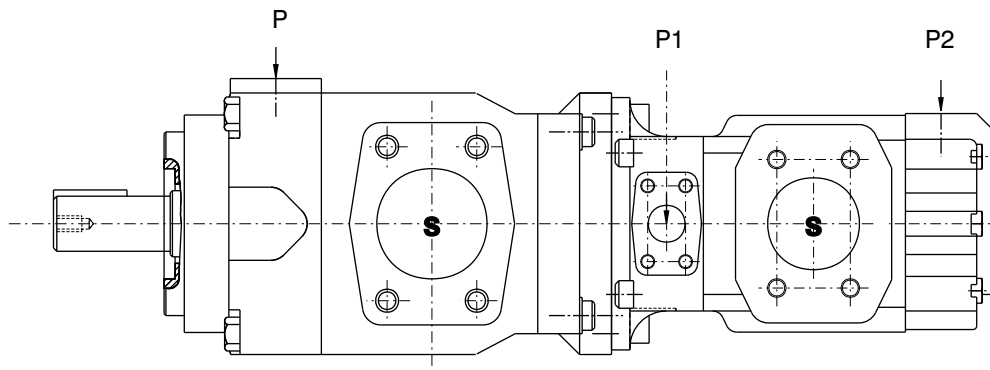
Adaptor & Coupling Selection

| Rear Pump | | Drive Train Vane Pump | | | |
|--------------------------------------|-------|---------------------------|---------|---------------------------------|---------|
| | | VT6* R (Single vane pump) | | VT6*** R (Triple vane pump) | |
| Series | Shaft | Coupling | Adaptor | Coupling | Adaptor |
| VT6C* VT6CR* | 3 | 2 | B | Not Available | |
| VT6CSH | 4 | 3 | B | Not Available | |
| VT6CC* | 3 | 3 | B | Not Available | |
| | 5 | 2 | B | Not Available | |
| VT6D* VT6DR* VT6DC* VT6DCC* | 3 | 4 | C | Not Available | |
| VT6E* VT6ER* VT6EC* VT6ED* | 3 | 4 | C | Not Available | |
| VT6B | 4 | 1 | A | Available with special coupling | |
| | 3 | 5 | A | Available with special coupling | |
| VT7B | 3 | 2 | B | Not Available | |
| VT6HC | 4 | 3 | B | Not Available | |
| VPV6 | 1 | 2 | A | Available with special coupling | |
| VPV10 | 1 | 2 | B | Not Available | |
| VPV15 VPV20 VPV29 | 1 | 4 | C | Not Available | |

VP
DT

For additional information on piston pumps and specific information on Gear Pumps, Please contact Veljan representative.

Example



VT6ER + VT6CC

1. Define front pump

VT6ER - *** - 1 R 02 - B21 - A1

2. Define rear pump

VT6CC - *** - *** - 5 R 01 - C1 - 00

3. Define mounting

Assembly tandem VVV 03