

## ORDERING CODE FRAME SIZE 3

**P V** **R 1 K 1 T 1 N**

axial piston  
pump  
variable  
displace-  
ment

size and  
displacement

rotation

variation

mounting  
interface

threads  
code

through  
drive  
code

coupling  
code

seals

control

see next page →

| Code | Displacement            | Size |
|------|-------------------------|------|
| 063  | 63 cm <sup>3</sup> /rev | 3    |
| 080  | 80 cm <sup>3</sup> /rev | 3    |
| 092  | 92 cm <sup>3</sup> /rev | 3    |

| Code | Rotation <sup>1)</sup> |
|------|------------------------|
| R    | Clockwise              |
| L    | Counter clockwise      |

<sup>1)</sup> When looked on shaft

| Code | Variation   |
|------|---|
| 1    | Standard  |
| 4    | Electronic displacement sensor (CIP) <sup>2)</sup>  |
| 5    | CIP-Sensor & Spec. adjustment <sup>3)</sup> (4 & 9) |
| 9    | Special adjustment <sup>3)</sup>                    |

<sup>2)</sup> not for horse power control, mandatory with FDV/UD\*

<sup>3)</sup> requires Kxxxx number

| Code | Mounting interface     | Shaft                    |
|------|------------------------|--------------------------|
| K    | metr.<br>ISO<br>3019/2 | 4-hole flange<br>Ø160 mm |
| L    |                        | 4-hole flange<br>Ø160 mm |
| D    | SAE<br>ISO<br>3019/1   | 4-hole flange SAE D      |
| E    |                        | 4-hole flange SAE D      |

| Code            | Port <sup>4)</sup> | Threads <sup>5)</sup> |
|-----------------|--------------------|-----------------------|
| 1               | BSPP               | metric                |
| 3               | UNF                | UNC                   |
| 4 <sup>6)</sup> | BSPP               | metr. M14             |
| 8 <sup>7)</sup> | ISO 6149           | metric                |

<sup>4)</sup> Drain and flushing ports

<sup>5)</sup> All mounting and connecting threads

<sup>6)</sup> For PV063-PV092 only: pressure port 1 1/4" with 4 x M14 instead of 4 x M12

<sup>7)</sup> for mounting interface K and L only

| Code | Seals | Shaft seal |
|------|-------|------------|
| N    | NBR   | FKM        |
| V    | FKM   | FKM        |
| W    | NBR   | PTFE       |

| Code | Coupling for through drive            | as single part <sup>8)</sup> |
|------|---------------------------------------|------------------------------|
| 1    | Single pump, no coupling              |                              |
| H    | with coupling 25 x 1.5 x 15, DIN 5480 | MK-PVBG3K01                  |
| J    | with coupling 32 x 1.5 x 20, DIN 5480 | MK-PVBG3K02                  |
| K    | with coupling 40 x 1.5 x 25, DIN 5480 | MK-PVBG3K03                  |
| Y    | with coupling SAE A 9T-16/32 DP       | MK-PVBG3K11                  |
| A    | with coupling SAE 11T-16/32 DP        | MK-PVBG3K12                  |
| B    | with coupling SAE B 13T-16/32 DP      | MK-PVBG3K13                  |
| C    | with coupling SAE B-B 15T-16/32 DP    | MK-PVBG3K14                  |
| D    | with coupling SAE C 14T-12/24 DP      | MK-PVBG3K15                  |
| E    | with coupling SAE C-C 17T-12/24 DP    | MK-PVBG3K16                  |
| F    | with coupling SAE D, E 13T-8/16 DP    | MK-PVBG3K17                  |

| Code | Through drive option                   |
|------|--|
|      | No adaptor for 2nd pump                |
| T    | Single pump prepared for through drive |
|      | with adaptor for 2nd pump              |
|      | as single part <sup>8)</sup>           |
| A    | SAE A-2, Ø 82.55 mm                    |
| B    | SAE B-2/4, Ø 101.6 mm                  |
| C    | SAE C-2/4, Ø 127 mm                    |
| D    | SAE D-4, Ø 152.4 mm                    |
| J    | metric, Ø 100 mm                       |
| K    | metric, Ø 125 mm                       |
| L    | metric, Ø 160 mm                       |

See dimensions for details

<sup>8)</sup> to be ordered separately as single part see page 65.



Standard pump is not painted. Black painted pump and ATEX (excludes electronic components) certification (Zone 2) is available as special option. For additional informations please contact Parker Hannifin.

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| Code |   |   | Control options   |
|------|---|---|---|
| 0    | 0 | 1 | No control  |
| 1    | 0 | 0 | With cover plate, no control function (fixed displacement pump)                     |
| M    | M |   | Standard pressure control   |
| M    | R |   | Remote pressure control   |
| M    | F |   | Load Sensing (flow) control   |
| M    | T |   | Two spool LS control  |
|      |   |   | Control variation   |
|      |   | C | Standard version, integrated pilot valve <sup>1)</sup>                              |
|      |   | 1 | NG6 interface top side for pilot valves <sup>1)</sup>                               |
|      |   | 2 | Remote pressure port int. supply , NG6 interface <sup>2)</sup>                      |
|      |   | 3 | Remote pressure port ext. supply <sup>2)</sup>                                      |
|      |   | W | With unloading function, 24VDC solenoid <sup>1)</sup>                               |
|      |   | K | Prop.-pilot valve type PVACRE...K35 mounted   |
|      |   | Z | Without integrated pilot valve, NG6 interface, for mounting of accessory code PVAC* |
|      |   | B | Without integrated pilot valve, without NG6 interface <sup>3)</sup>                 |
|      |   | P | MTZ with mounted pilot valve PVAC1P <sup>2)</sup>                                   |
|      |   | F | Prop.-pilot valve PVACRE*35T with OBE mounted, command signal 0 - 10V               |
|      |   | R | Prop.-pilot valve PVACRE*35T with OBE mounted, command signal 4 - 20 mA             |

<sup>1)</sup> not for MT & \*Z

<sup>2)</sup> only for MT & \*Z

<sup>3)</sup> not for MT & MM

| Horse power / Torque control |   |   |   |                           |
|------------------------------|---|---|---|---------------------------|
| Code                         |   |   |   |                           |
|                              |   |   | <b>Nominal HP<br/>at 1.500 rpm</b>  | <b>Nominal<br/>torque</b> |
| G                            |   |   | 11 kW   | 71 Nm                     |
| H                            |   |   | 15 kW   | 97 Nm                     |
| K                            |   |   | 18.5 kW   | 120 Nm                    |
| M                            |   |   | 22 kW   | 142 Nm                    |
| S                            |   |   | 30 kW   | 195 Nm                    |
| T                            |   |   | 37 kW   | 240 Nm                    |
| U                            |   |   | 45 kW   | 290 Nm                    |
| W                            |   |   | 55 kW   | 355 Nm                    |
| Function                     |   |   |   |                           |
|                              | L |   | Horse power control with pressure control <sup>4)</sup>   |                           |
|                              | C |   | Horse power control with load sensing (single spool)  |                           |
|                              | Z |   | Horse power control with two spool LS control   |                           |
| Control variation            |   |   |   |                           |
|                              |   | C | Standard version, integrated pilot valve <sup>1)</sup>  |                           |
|                              |   | 1 | NG 6 interface top side   |                           |
|                              |   | W | With unloading function, 24 VDC solenoid  |                           |
|                              |   | K | Prop.-pilot valve type PVACRE...K35 mounted   |                           |
|                              |   | Z | Without integrated pilot valve, NG6 interface, for mounting of accessory code PVAC* <sup>4)</sup> |                           |
|                              |   | B | Without integrated pilot valve, without NG6 interface <sup>1), 4)</sup>                           |                           |
|                              |   | P | *ZZ with mounted pilot valve PVAC1P <sup>2)</sup>   |                           |
|                              |   | F | Prop.-pilot valve PVACRE*35T with OBE mounted, command signal 0 - 10V                             |                           |
|                              |   | R | Prop.-pilot valve PVACRE*35T with OBE mounted, command signal 4 - 20 mA                           |                           |

<sup>4)</sup> control variation Z and B without pressure pilot

| Code |   |   | Control option  |
|------|---|---|---|
|      |   |   | Electro hydraulic control <sup>5)</sup>   |
| F    | D | V | Proportional displacement control, no pressure compensation   |
| U    | D |   | Proportional displacement control, with pressure compensation   |
|      |   |   | Control variation   |
|      |   | R | pilot operated pressure control, open NG6 interface   |
|      |   | K | pilot operated pressure control, proportional pilot valve type PVACRE...K35 mounted   |
|      |   | M | pilot operated pressure control, pressure sensor and proportional pilot valve type PVACRE...K35 mounted for pressure control and/or power control |

<sup>5)</sup> further info in MSG30-3254