



TXVA series

pump with *Load Sensing*
control - SAE version

variable displacement piston pumps

► Characteristics

| Pump ref. | Direction of rotation | Max. displacement ⁽¹⁾ | | Maximum operating pressure | | Max. peak pressure (intermittent: 5%) | | Torque at 300 bar (4350 psi) ⁽²⁾ | | Max. speed at full displacement ⁽³⁾ | Max. speed in stand-by | Weight | | Overhang torque ⁽⁴⁾ | |
|----------------|-----------------------|----------------------------------|----------|----------------------------|-------|---------------------------------------|-------|---|-------|--|------------------------|--------|------|--------------------------------|--------|
| | | cu.in/rev | (cc/rev) | psi | (bar) | psi | (bar) | lbf ft | (N.m) | rpm | rpm | lbs | (kg) | lbf ft | (N.m) |
| TXVA 75 | CC CCW | 4.60 | (75) | 5800 | (400) | 6090 | (420) | 310 | (420) | 2000 | 3000 | 64 | (29) | 26 | (35.2) |
| TXVA 92 | CC CCW | 5.60 | (92) | 5500 | (380) | 5800 | (400) | 380 | (515) | 1900 | 3000 | 64 | (29) | 26 | (35.2) |

(1) TXV pumps can be set for smaller maximum displacements (see page 41).

(2) For a mechanical efficiency at 85%.

(3) Higher speed - at full displacement - possible depending on flow required : please contact us.

(4) Value of the overhang torque of the only pump.

► Configurator for TXVA pumps

To obtain order code for your pump, fill in the parameters (2, 3, 4, 5) depending on the options required, using the table below.



| | | | | | |
|-------------|----------|----------|----------|----------|----------|
| TXVA | ... | ... | ... | ... | L1 |
| 1 | 2 | 3 | 4 | 5 | 6 |

| | | | | |
|----------|------------------------------|-------------------------------|-------------------------------|-----------|
| 1 | TXVA pump | | | |
| 2 | Displacement | 4.60 cu.in/rev (75 cc/rev) | 5.60 cu.in/rev (92 cc/rev) | |
| 3 | Direction of rotation | | | CW CCW |
| 4 | Flange | SAE C - 2 bolts | | C1 C2 |
| 5 | Shaft end | Splined SAE J744 | 14T 12/24 DP - SAE C | S1 |
| | | Keyed SAE J744 | Ø 1 1/4" UNF 2A - SAE C | K1 |
| 6 | Ports | UNF Threaded | Inlet : 1 7/8" 12UN 2B | L1 |
| | | | Outlet : 1 1/16" 12UN 2B | |
| | | BSP Threaded | Inlet : G1 1/2" | L2 |
| | | | Outlet : G 3/4" | |



