

TXV 130 and 150 *indexable* - Characteristics



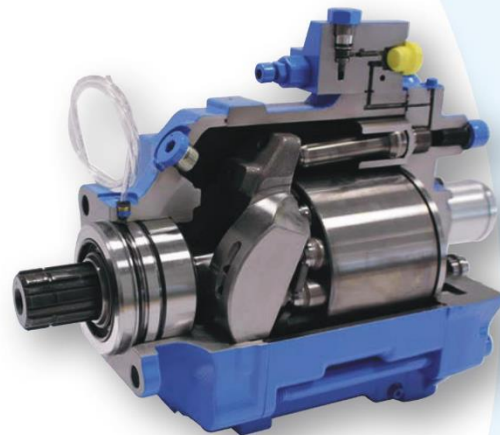
TXV *indexable* series

displacements 130 and 150 cc/rev

pumps with *Load Sensing* control
variable displacement piston pumps

ADVANTAGES OF THE *indexable* SERIES

- ▶ Able to rotate in either direction, simply by changing position of the indexing screw !
- ▶ Stock optimisation: only one reference regardless of direction of rotation !
- ▶ Pump supplied with its inlet fitting.



Minimum size envelope
High rotating speeds
High output pressure

Pump reference		Direction of rotation	Max. displacement ⁽¹⁾ cu.in (cc)	Maximum operating pressure psi (bar)	Maximum peak pressure (intermittent: 5%) (bar)	Torque at 300 bar ⁽²⁾ lbf ft (N.m)	Max. speed at full displacement ⁽³⁾ (rpm)	Max. speed in stand-by (rpm)	Weight lbs (kg)	Overhang torque ⁽⁴⁾ lbf ft (N.m)
TXV 130 <i>indexable</i>	P001474	CW/CCW	7.93 (130)	365	5500 (380)	538.42 (730)	1750	3000	59.97 (29.3)	25.81 (42)
TXV 150 <i>indexable</i>	P001475	CW/CCW	9.15 (150)	310	4786 (330)	619.60 (840)	1750	3000	59.97 (29.3)	25.81 (42)

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

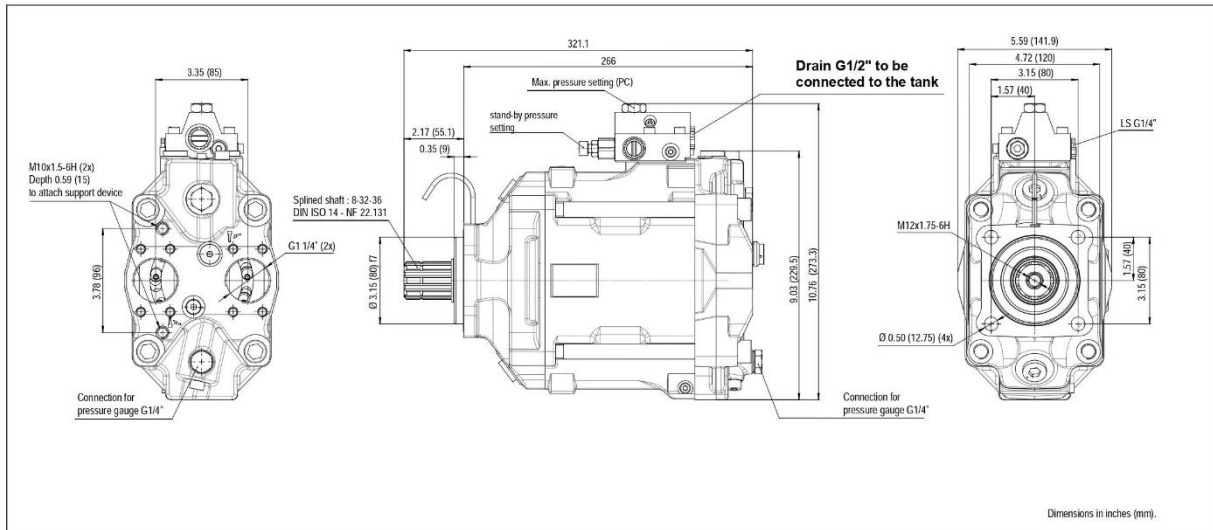
(2) For a mechanical efficiency at 85%.

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

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

PB TXV 130 & 150 indexable

Dimensions - TXV 130 and 150 indexable

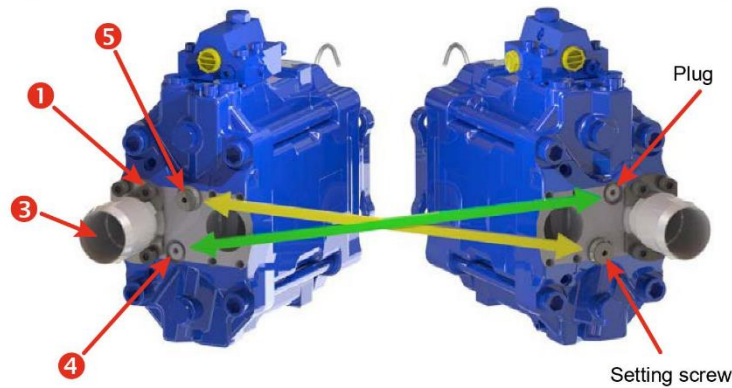


Clockwise (CW)

Figure 1

Counter-clockwise (CCW)

Figure 2



► How to change direction of rotation

Figure 1

- Remove the 4 screws **1**.
- Take off the 2 half-flanges **2** and the inlet fitting **3**. Take care not to lose the seal from the inlet fitting.
- Remove the plug **4** and the setting screw **5**.
- Do not turn the pump shaft when the setting screw is not in place.

Figure 2

- Put the setting screw **5** in the place where the plug **4** was, and put the plug **4** where the setting screw **5** was.
- Check the inlet fitting **3** seal is present, and in good condition.
- Put the inlet fitting **3**, half-flanges **2** and screws **1** onto the side where the plug **4** is.

PLEASE NOTE: Unless otherwise specified, TXV pumps are supplied from factory set for clockwise (CW) rotation.