



# 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 <sup>(1)</sup> (cc/rev)	Maximum operating pressure (bar)	Maximum peak pressure (intermittent: 5%) (bar)	Torque at 300 bar <sup>(2)</sup> (N.m)	Max. speed at full displacement <sup>(3)</sup> (rpm)	Max. speed in stand-by (rpm)	Weight (kg)	Overhang torque <sup>(4)</sup> (N.m)
TXV 130 <i>indexable</i>	P001474	CW/CCW	130	365	380	730	1750	3000	29.3	42
TXV 150 <i>indexable</i>	P001475	CW/CCW	150	310	330	840	1750	3000	29.3	42

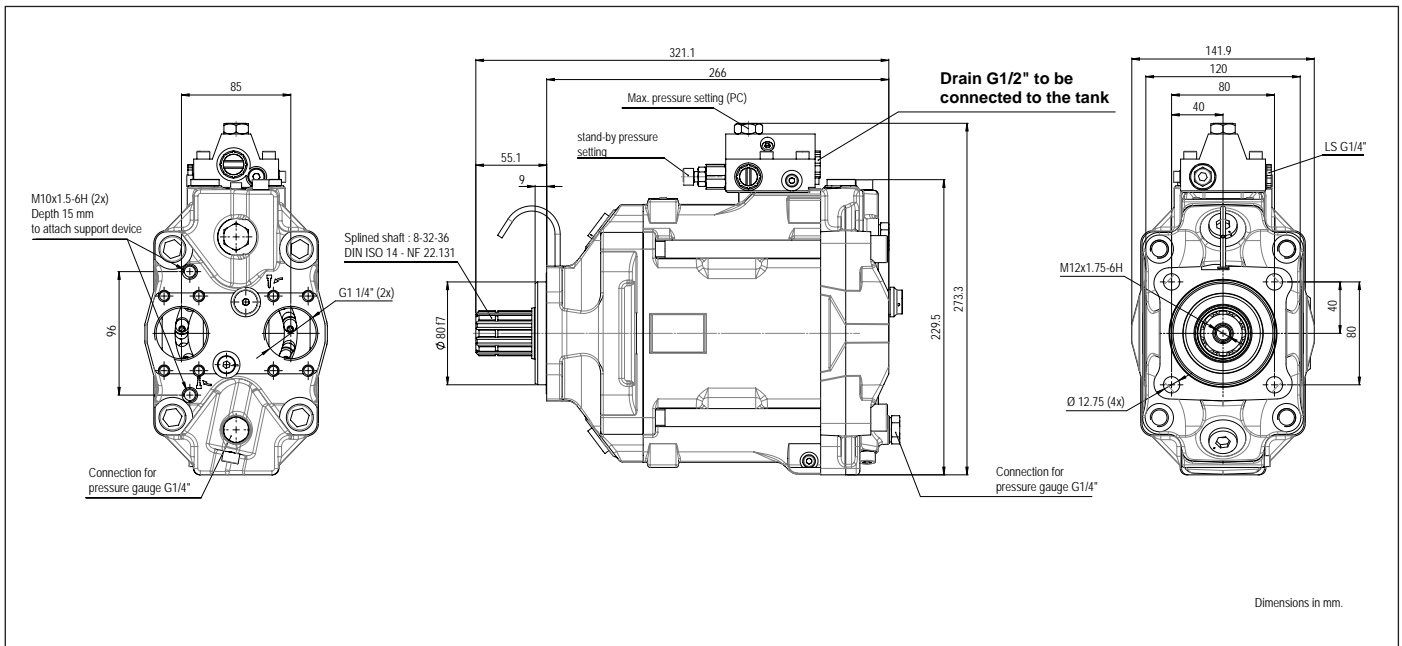
(1) TXV pumps can be set for smaller maximum displacements (see page 41).

(2) For a mechanical efficiency at 85%.

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

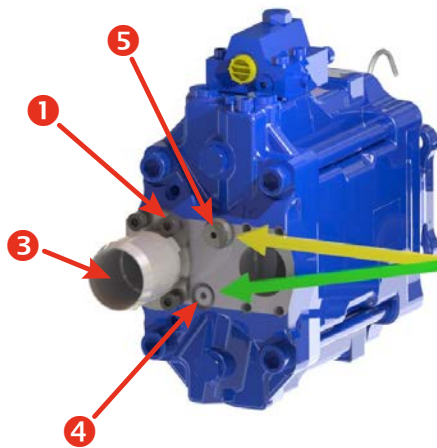
(4) Value of the overhang torque of the only pump.

# Dimensions - TXV 130 and 150 *indexable*



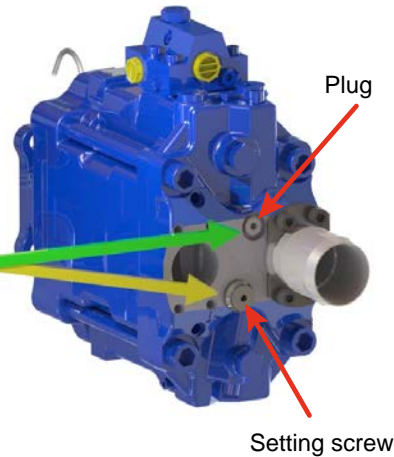
## Clockwise (CW)

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.*

A passion for hydraulics



**HYDRO LEDUC SAS**

Head Office and Factory  
BP 9  
F-54122 AZERAILLES  
FRANCE  
Tél. +33 (0)3 83 76 77 40  
Fax +33 (0)3 83 75 21 58

**HYDRO LEDUC GmbH**

Am Ziegelplatz 20  
D-77746 SCHUTTERWALD  
DEUTSCHLAND  
Tel. +49 (0) 781-9482590  
Fax + 49 (0) 781-9482592

**HYDRO LEDUC AB**

Betongvägen 11  
461 38 TROLLHÄTTEN  
SWEDEN  
Tel. + 46 (0) 520 10 820

**HYDRO LEDUC BV**

Ericssonstraat 2  
5121 ML RIJEN  
THE NETHERLANDS  
Tel. +31 6 202 40 651

**HYDRO LEDUC N.A. Inc.**

Grand Parkway Industrial Park  
23549 Clay Road  
KATY, TX 77493  
USA  
Tel. +1 281 679 9654  
Fax +1 832 321 3553



**HYDRO  
LEDUC**

*make it simple*

[www.hydroleduc.com](http://www.hydroleduc.com)



HYDRO LEDUC

SAS au capital de 4 065 000 €

EORI FR31902742100019

RC Nancy B 319 027 421

[contact@hydroleduc.com](mailto:contact@hydroleduc.com)

EN\_PUMPS\_20191206