

### XV0-P with Flange $\varnothing 22$ Std, BH-HY (ref. from XP- 001 to XP-017)

When changing the direction of rotation of the XV-0P pump, it is not necessary to change the flange, as the same one is used.

When disassembling and reassembling the pump, take special care to ensure that seals and back-up rings do not come out of place and that no foreign bodies, such as shavings or dirt in general, get inside the pump.

Flange $\varnothing 22$ (ref. from XP- 001 to: XP- 017)					
<p>Remove the key, nut and washer from the shaft. Loosen and remove the fastening screws.</p>	<p>Take off the flange.</p>	<p>Take out the gears and upper bush.</p> <p>Warning!! The bush <b>must never</b> be turned.</p>	<p>Invert the positions of the driven and driving shafts.</p> <p>Warning! The body and cover must not be turned. Use the marking on the body as your reference.</p>	<p>Fit the previously removed flange back in place taking care to clean the body-base contact surfaces.</p>	<p>Insert the screws back in place and tighten the nuts with a torque of 11.7 Nm to 13.7 Nm. Check that the shaft turns on completing the operation.</p>
<p>Note: with this rotation change system, the <b>inlets</b> and <b>outlets</b> remain unchanged.</p>					

## XV1-P with Flange $\varnothing 25.4$ (ref. XP- 101)

When changing the direction of rotation of the XV-1P pump, it is not necessary to change the flange, as the same one is used.

When disassembling and reassembling the pump, take special care to ensure that seals and back-up rings do not come out of place and that no foreign bodies, such as shavings or dirt in general, get inside the pump.

Flange $\varnothing 25,4$ (ref. XP- 101)					
<p>Remove the key, nut and washer from the shaft. Loosen and remove the fastening screws.</p>	<p>Take off the flange.</p>	<p>Take out the gears and upper bush. <b>Warning!!</b> The bush <b>must never</b> be turned.</p>	<p>Invert the positions of the driven and driving shafts. <b>Warning!</b> The body and cover must not be turned. Use the marking on the body as your reference.</p>	<p>Fit the previously removed flange back in place taking care to clean the body-base contact surfaces.</p>	<p>Replace the screws and tighten the nuts with a torque of 24.5 Nm to 29.4 Nm. Check that the shaft turns on completing the operation.</p>
<p>Note: with this rotation change system, the <b>inlets</b> and <b>outlets</b> remain unchanged.</p>					

## XV1-P with Flange $\varnothing 30$ (ref. XP- 113)

When changing the direction of rotation of the XV-1P pump, it is not necessary to change the flange, as the same one is used.

When disassembling and reassembling the pump, take special care to ensure that seals and back-up rings do not come out of place and that no foreign bodies, such as shavings or dirt in general, get inside the pump.

<b>Flange <math>\varnothing 30</math> (ref. XP- 113)</b>					
Remove the key, nut and washer from the shaft. Loosen and remove the fastening screws.	Take off the flange.	Take out the gears and upper bush.  <b>Warning!!</b> The bush <b>must</b> be turned.	Invert the positions of the driven and driving shafts. <b>Warning!</b> The body and cover must not be turned. Use the marking on the body as your reference.	Fit the previously removed flange back in place taking care to clean the body-base contact surfaces.	Replace the screws and tighten the nuts with a torque of 24.5 Nm to 29.4 Nm. Check that the shaft turns on completing the operation.
Note: with this rotation change system, the <b>inlets</b> and <b>outlets</b> remain unchanged.					

## XV1-P with Flange ø32 BH-HY (ref. from XP- 119 to: XP- 140)

When changing the direction of rotation of the XV-1P pump, it is not necessary to change the flange, as the same one is used.

When disassembling and reassembling the pump, take special care to ensure that seals and back-up rings do not come out of place and that no foreign bodies, such as shavings or dirt in general, get inside the pump.

FLANGE ø32 BH-HY (ref. da XP- 119 a: XP- 140)					
Loosen and remove the fastening screws.	Take off the flange.	Take out the gears and upper bush.  Warning!! The bush <b>must never</b> be turned.	Invert the positions of the driven and driving shafts.  Warning! The body and cover must not be turned. Use the marking on the body as your reference.	Fit the previously removed flange back in place taking care to clean the body-base contact surfaces.	Replace the screws and tighten the nuts with a torque of 24.5 Nm to 29.4 Nm. Check that the shaft turns on completing the operation.
Note: with this rotation change system, the <b>inlets</b> and <b>outlets</b> remain unchanged.					

## XV1-P with Flange $\varnothing 50.8$ SAE-AA (ref. XP- 168 )

When changing the direction of rotation of the XV-1P pump, it is not necessary to change the flange, as the same one is used.

When disassembling and reassembling the pump, take special care to ensure that seals and back-up rings do not come out of place and that no foreign bodies, such as shavings or dirt in general, get inside the pump.

FLANGE $\varnothing 50.8$ SAE-AA (ref. XP- 168)					
<p>Remove the key from the shaft. Loosen and remove the fastening screws.</p>	<p>Take off the flange.</p>	<p>Take out the gears and upper bush.  Warning!! The bush <b>must</b> be turned.</p>	<p>Invert the positions of the driven and driving shafts.  Warning! The body and cover must not be turned. Use the marking on the body as your reference.</p>	<p>Fit the previously removed flange back in place taking care to clean the body-base contact surfaces.</p>	<p>Replace the screws back in place and tighten the nuts with a torque of 24.5 Nm to 29.4 Nm. Check that the shaft turns on completing the operation.</p>
<p>Note: with this rotation change system, the <b>inlets</b> and <b>outlets</b> remain unchanged.</p>					

**XV2-P with Flange ø36,5** (ref. XP- 201)

When changing the direction of rotation of the XV-2P pump, it is not necessary to change the flange, as the same one is used.

When disassembling and reassembling the pump, take special care to ensure that seals and back-up rings do not come out of place and that no foreign bodies, such as shavings or dirt in general, get inside the pump.

<b>FLANGE ø36,5</b> (ref. XP- 201)					
<p>Remove the key, nut and washer from the shaft. Loosen and remove the fastening screws.</p>	<p>Take off the flange.</p>	<p>Take out the gears and upper bush.</p> <p>Warning!! The bush <b>must never</b> be turned.</p>	<p>Invert the positions of the driven and driving shafts.</p> <p>Warning! The body and cover must not be turned. Use the marking on the body as your reference.</p>	<p>Fit the previously removed flange back in place taking care to clean the body-base contact surfaces.</p>	<p>Replace the screws and tighten the nuts with a torque of 54 Nm to 58.9 Nm. Check that the shaft turns on completing the operation.</p>
<p>Note: with this rotation change system, the <b>inlets</b> and <b>outlets</b> remain unchanged.</p>					

### XV2-P with Flange $\varnothing 50$ BH-HY (ref. da XP- 210 a: XP- 213)

When changing the direction of rotation of the XV-2P pump, it is not necessary to change the flange, as the same one is used.

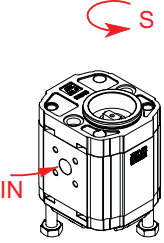
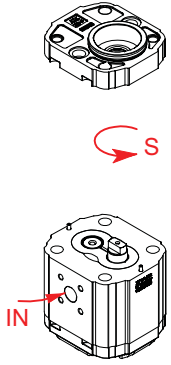
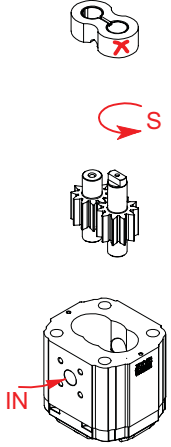
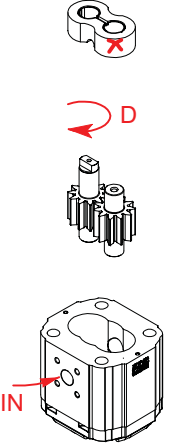
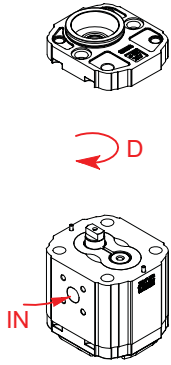
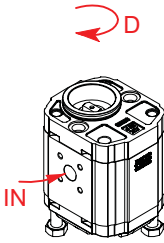
When disassembling and reassembling the pump, take special care to ensure that seals and back-up rings do not come out of place and that no foreign bodies, such as shavings or dirt in general, get inside the pump.

FLANGE $\varnothing 50$ BH-HY (ref. da XP- 210 a: XP- 213)					
<p>Remove the key, nut and washer from the shaft. Loosen and remove the fastening screws.</p>	<p>Take off the flange.</p>	<p>Take out the gears and upper bush. <b>Warning!!</b> The bush <b>must never</b> be turned.</p>	<p>Invert the positions of the driven and driving shafts. <b>Warning!</b> The body and cover must not be turned. Use the marking on the body as your reference.</p>	<p>Fit the previously removed flange back in place taking care to clean the body-base contact surfaces.</p>	<p>Replace the screws and tighten the nuts with a torque of 54 Nm to 58.9Nm. Check that the shaft turns on completing the operation.</p>
<p>Note: with this rotation change system, the <b>inlets</b> and <b>outlets</b> remain unchanged.</p>					

### XV2-P with Flange $\varnothing 52$ BH (ref. XP- 216 )

When changing the direction of rotation of the XV-2P pump, it is not necessary to change the flange, as the same one is used.

When disassembling and reassembling the pump, take special care to ensure that seals and back-up rings do not come out of place and that no foreign bodies, such as shavings or dirt in general, get inside the pump.

FLANGE $\varnothing 52$ BH (ref.XP- 216)					
					
<p>Loosen and remove the fastening screws.</p>	<p>Take off the flange.</p>	<p>Take out the gears and upper bush.</p> <p>Warning!! The bush must never be turned.</p>	<p>Invert the positions of the driven and driving shafts.</p> <p>Warning! The body and cover must not be turned. Use the marking on the body as your reference.</p>	<p>Fit the previously removed flange back in place taking care to clean the body-base contact surfaces.</p>	<p>Replace the screws and tighten the nuts with a torque of 54 Nm to 58.9Nm. Check that the shaft turns on completing the operation.</p>
<p>Note: with this rotation change system, the <b>inlets</b> and <b>outlets</b> remain unchanged.</p>					

## XV2-P with Flange ø80 (ref. XP- 217 )

When changing the direction of rotation of the XV-2P pump, it is not necessary to change the flange, as the same one is used.

When disassembling and reassembling the pump, take special care to ensure that seals and back-up rings do not come out of place and that no foreign bodies, such as shavings or dirt in general, get inside the pump.

FLANGE ø80 (ref.XP- 217 )					
<p>Remove the key, nut and washer from the shaft. Loosen and remove the fastening screws.</p>	<p>Take off the flange.</p>	<p>Take out the gears and upper bush.</p> <p>Warning!! The bush <b>must never</b> be turned.</p>	<p>Invert the positions of the driven and driving shafts.</p> <p>Warning! The body and cover must not be turned. Use the marking on the body as your reference.</p>	<p>Fit the previously removed flange back in place taking care to clean the body-base contact surfaces.</p>	<p>Replace the screws and tighten the nuts with a torque of 54 Nm to 58.9 Nm.</p> <p>Check that the shaft turns on completing the operation.</p>
<p>Note: with this rotation change system, the <b>inlets</b> and <b>outlets</b> remain unchanged.</p>					

**XV2-P with Flange ø82,5 SAE-A** (ref. da XP- 219 a: XP- 224)

When changing the direction of rotation of the XV-2P pump, it is not necessary to change the flange, as the same one is used.

When disassembling and reassembling the pump, take special care to ensure that seals and back-up rings do not come out of place and that no foreign bodies, such as shavings or dirt in general, get inside the pump.

FLANGE ø82,5 SAE-A (ref. XP- 219)					
<p>Loosen and remove the fastening screws.</p>	<p>Take off the flange.</p>	<p>Take out the gears and upper bush.</p> <p>Warning!! The bush <b>must never</b> be turned.</p>	<p>Invert the positions of the driven and driving shafts.</p> <p>Warning! The body and cover must not be turned. Use the marking on the body as your reference.</p>	<p>Fit the previously removed flange back in place taking care to clean the body-base contact surfaces.</p>	<p>Replace the screws and tighten the nuts with a torque of 54 Nm to 58.9Nm.</p> <p>Check that the shaft turns on completing the operation.</p>
<p>Note: with this rotation change system, the <b>inlets</b> and <b>outlets</b> remain unchanged.</p>					

**XV3-P with Flange ø50,8** (ref. da XP- 301 a: XP- 302)

When changing the direction of rotation of the XV-3P pump, it is not necessary to change the flange, as the same one is used.

When disassembling and reassembling the pump, take special care to ensure that seals and back-up rings do not come out of place and that no foreign bodies, such as shavings or dirt in general, get inside the pump.

<i>Flange ø50,8</i> (ref. da XP- 301 a: XP- 302)					
<p>Remove the key, nut and washer from the shaft. Loosen and remove the fastening screws.</p>	<p>Take off the flange.</p>	<p>Take out the gears and upper bush.</p> <p>Warning!! The bush <b>must never</b> be turned.</p>	<p>Invert the positions of the driven and driving shafts.</p> <p>Warning! The body and cover must not be turned. Use the marking on the body as your reference.</p>	<p>Fit the previously removed flange back in place taking care to clean the body-base contact surfaces.</p>	<p>Replace the screws and tighten the nuts with a torque of 60 Nm to 65 Nm. Check that the shaft turns on completing the operation.</p>
<p>Note: with this rotation change system, the <b>inlets</b> and <b>outlets</b> remain unchanged.</p>					

## XV3-P with Flange $\varnothing 101,6$ SAE -B (ref. da XP- 331 a: XP- 332)

When changing the direction of rotation of the XV-3P pump, it is not necessary to change the flange, as the same one is used.

When disassembling and reassembling the pump, take special care to ensure that seals and back-up rings do not come out of place and that no foreign bodies, such as shavings or dirt in general, get inside the pump.

Flange $\varnothing 101,6$ – SAE B (ref. da XP- 331 a: XP- 332)					
<p>Loosen and remove the fastening screws.</p>	<p>Take off the flange.</p>	<p>Take out the gears and upper bush.</p> <p>Warning!! The bush <b>must never</b> be turned.</p>	<p>Invert the positions of the driven and driving shafts.</p> <p>Warning! The body and cover must not be turned. Use the marking on the body as your reference.</p>	<p>Fit the previously removed flange back in place taking care to clean the body-base contact surfaces.</p>	<p>Replace the screws and tighten the nuts with a torque of 60 Nm to 65 Nm. Check that the shaft turns on completing the operation.</p>
<p>Note: with this rotation change system, the <b>inlets</b> and <b>outlets</b> remain unchanged.</p>					