

## Checking gaps on WANGEN Twin-Pumps

### Procedure and Set-Point Value

all measurements in mm

Sense of direction of driveshaft with coupling, seen from the motor side LEFT (CCW)	<b>Gaps between spindles and pump housing #70</b>			
		<b>Left Spindle</b>	<b>Right Spindle</b>	
	at the top	0,15±0,05	0,15±0,05	at the top
	left side of the spindle	0,15±0,08	0,15±0,08	right side of the spindle
	at the bottom	0,35±0,08	0,35±0,08	at the bottom
	<b>Gaps between spindles and pump housing #104</b>			
		<b>Left Spindle</b>	<b>Right Spindle</b>	
	at the top	0,2±0,05	0,2±0,05	at the top
	left side of the spindle	0,2±0,1	0,2±0,1	right side of the spindle
	at the bottom	0,4±0,1	0,4±0,1	at the bottom
	<b>Gaps between spindles and pump housing #130</b>			
		<b>Left Spindle</b>	<b>Right Spindle</b>	
	at the top	0,2±0,05	0,2±0,05	at the top
	left side of the spindle	0,2±0,1	0,2±0,1	right side of the spindle
	at the bottom	0,4±0,1	0,4±0,1	at the bottom

Sense of direction of driveshaft with coupling, seen from the motor side RIGHT (CW)	<b>Gaps between spindles and pump housing #70</b>			
		<b>Left Spindle</b>	<b>Right Spindle</b>	
	at the top	0,35±0,08	0,35±0,08	at the top
	left side of the spindle	0,15±0,08	0,15±0,08	right side of the spindle
	at the bottom	0,15±0,05	0,15±0,05	at the bottom
	<b>Gaps between spindles and pump housing #104</b>			
		<b>Left Spindle</b>	<b>Right Spindle</b>	
	at the top	0,4±0,1	0,4±0,1	at the top
	left side of the spindle	0,2±0,1	0,2±0,1	right side of the spindle
	at the bottom	0,2±0,05	0,2±0,05	at the bottom
	<b>Gaps between spindles and pump housing #130</b>			
		<b>Left Spindle</b>	<b>Right Spindle</b>	
	at the top	0,4±0,1	0,4±0,1	at the top
	left side of the spindle	0,2±0,1	0,2±0,1	right side of the spindle
	at the bottom	0,2±0,05	0,2±0,05	at the bottom

Sense of direction of driveshaft with coupling, seen from the motor side LEFT (CCW) and RIGHT (CW)	<b>Gaps between spindles and pump housing #70</b>			
		<b>Left Spindle</b>	<b>Right Spindle</b>	
	at the top	0,25±0,08	0,25±0,08	at the top
	left side of the spindle	0,15±0,08	0,15±0,08	right side of the spindle
	at the bottom	0,25±0,08	0,25±0,08	at the bottom
	<b>Gaps between spindles and pump housing #104</b>			
		<b>Left Spindle</b>	<b>Right Spindle</b>	
	at the top	0,3±0,1	0,3±0,1	at the top
	left side of the spindle	0,2±0,1	0,2±0,1	right side of the spindle
	at the bottom	0,3±0,1	0,3±0,1	at the bottom
	<b>Gaps between spindles and pump housing #130</b>			
		<b>Left Spindle</b>	<b>Right Spindle</b>	
	at the top	0,3±0,1	0,3±0,1	at the top
	left side of the spindle	0,2±0,1	0,2±0,1	right side of the spindle
	at the bottom	0,3±0,1	0,3±0,1	at the bottom