



Excavator preset values for working with Xcentric Ripper

Warranty will be void with higher presets

Performance will be lower with lower presets

For presetting procedures of pressures and flows the Xcentric Ripper should NOT be mounted in the excavator.

ADJUSTMENT OF PRESSURE RELIEF VALVE

Model	Pressure relief (+15%)	
	MPa	psi
XR10	16	2320
XR15	18	2610
XR20	20	2900
XR22	20	2900
XR30	24	3480
XR32	24	3480
XR40	24	3480
XR42	24	3480

Model	Pressure relief (+15%)	
	MPa	psi
XR50	28	4060
XR52	28	4060
XR60	28	4060
XR62	-	-
XR80	30	4350
XR82	28	4060
XR120	24	3480
XR122	30	4350

FLOW ADJUSTMENT BY FLOWMETER (REQUIRED)

Model	Flow Settings (+/- 5%)			
	l/min	MPa	US gal/min	psi
XR10	60	at 13	16	at 1885
XR15	100	at 15	26	at 2175
XR20	160	at 16	42	at 2320
XR22	160	at 16	42	at 2320
XR30	180	at 21	48	at 3045
XR32	190	at 21	50	at 3045
XR40	200	at 21	53	at 3045
XR42	210	at 21	55	at 3045

Model	Flow Settings (+/- 5%)			
	l/min	MPa	US gal/min	psi
XR50	250	at 23	66	at 3335
XR52	270	at 23	71	at 3335
XR60	280	at 23	74	at 3335
XR62	-	-	-	-
XR80	380	at 24	100	at 3480
XR82	420	at 24	111	at 3480
XR120	500	at 21	132	at 3045
XR122	500	at 28	132	at 4060

MAXIMUM RETURN BACK PRESSURE

The return back pressure **never can exceed of 1 MPa**. Excavator must **work always in breaker mode**, another working mode can damage the Xcentric Ripper.

MAXIMUM DRAIN CIRCUIT PRESSURE

The maximum pressure on drain circuit during the Xcentric Ripper operation **never can exceed of 0,4 MPa** in any situation. Drain hose must be **connected direct to tank**.

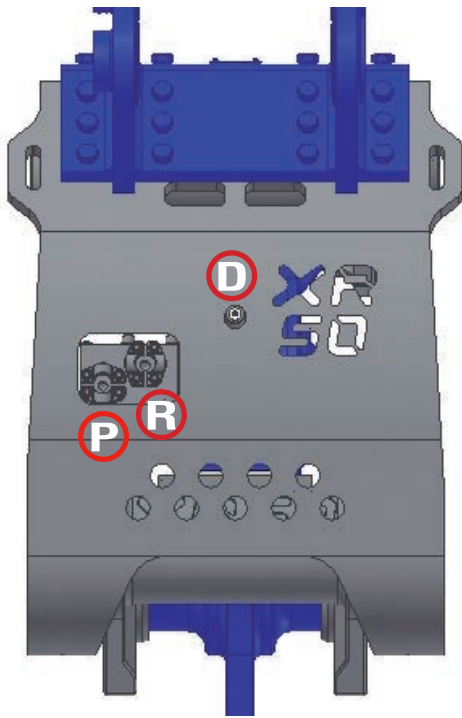
* All adjustment must be done at excavator.

* Do not manipulate Xcentric Ripper valve block, this will invalidate the warranty on rippers.

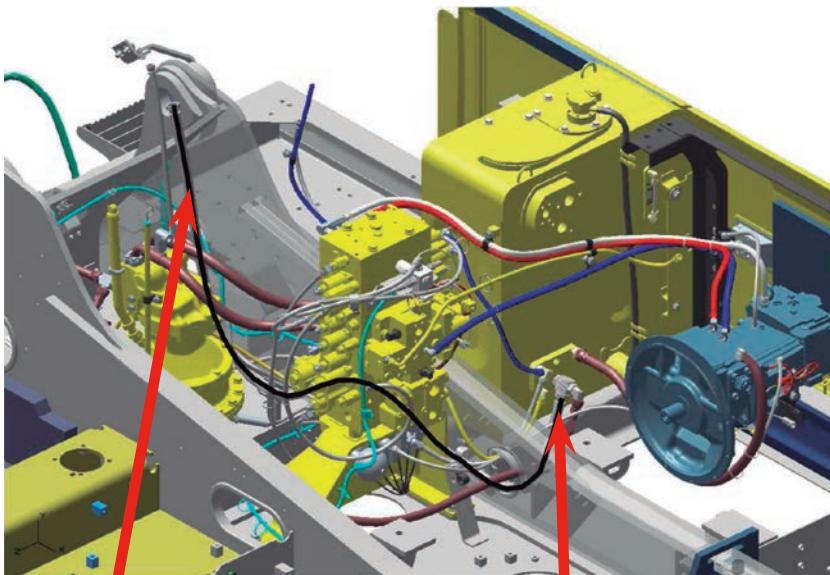
* Preset values must be filled on warranty form.



Hydraulic Connections on Xcentric Ripper front

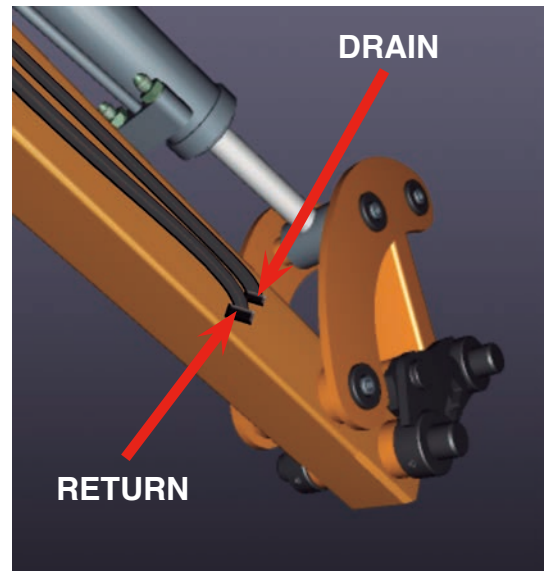


XR Model	P ressure	R eturn	D rain	Standard Length (in mm.)
XR10	3/4" SAE 6000			1.870
XR15	3/4" SAE 6000		1/2" BSP Female	2.100
XR20	3/4" SAE 6000		1/2" BSP Female	2.100
XR22	3/4" SAE 6000		1/2" BSP Female	2.100
XR30	1 1/4" SAE 6000		1/2" BSP Female	2.700
XR32	3/4" SAE 6000		1/2" BSP Female	2.700
XR40	1 1/4" SAE 6000		1/2" BSP Female	2.700
XR42	3/4" SAE 6000		1/2" BSP Female	2.700
XR50	1 1/2" SAE 6000		3/4" BSP Female	2.800
XR52	1 1/4" SAE 6000		1/2" BSP Female	2.800
XR60	1 1/2" SAE 6000		3/4" BSP Female	2.900
XR62	-		-	-
XR80	1 1/2" SAE 6000		3/4" BSP Female	2.900
XR82	1 1/2" SAE 6000		3/4" BSP Female	2.900
XR120	1 1/2" SAE 6000		1 1/4" BSP Female	2.900
XR122	1 1/2" SAE 6000		3/4" BSP Female	2.900



DRAIN LINE

DIRECT TO TANK



DRAIN

RETURN

Drain connection for Xcentric Ripper drain hose on right side of excavator stick.

IMPORTANT

DRAIN LINE MUST BE CONNECTED DIRECT TO TANK

Never connect this drain line to another drain circuit of the excavator. Hydraulic motor seals can break.