



# Rotator T50



BSV rotator type T50 is a hydraulic rotator for use with lorry cranes.

The rotator is of the piston type with a stable torque and high braking effect. Both weight and height of the rotator is low.

The rotator is designed with a flat base plate to be bolted directly on the grab. This ensures a very low building height. If the rotator is to be used with various tools an adaptor with an axle can be mounted on the base plate.

The T50 rotator has a load carrying capacity of 5 ton and is intended for larger truck mounted cranes. The T50 fits for the bucket series KS and other series.

The rotator has oil connection through the axle, which means that the rotator can rotate continuously without the risk of damaging the hoses.

For this kind of rotator BSV supplies a wide range of links for most crane types, the links are with stops to prevent the oil connections to be damaged.

The rotator is supplied with in-build over pressure protection to prevent the rotator to be damaged.

Rotator	Type T50
Angle of rotation	Continuous
Max. working pressure	250 bar
Max. torque	800 Nm
Max. load WLL	5000 kg
Unit weight	28 kg
Height without adaptor	235 mm
Height with adaptor	295 mm
Hose connection in axle for rotation R1&R2	2 pcs. M14x1,5
Hose connection in axle for grab G1&G2	2 pcs. M18x1,5
Hose connection in rotator house for grab G1&G2	2 pcs. M18x1,5
Bolts for mounting	4 pcs. M16x45
Guide pins	2 pcs. $\phi$ 16x25
Axles up to crane/ suspension	$\phi$ 74x60 mm
Suspension bolt	$\phi$ 25
Hole in shaft	$\phi$ 30
Bushing for hole in shaft	$\phi$ 30/ $\phi$ 25x60 mm



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