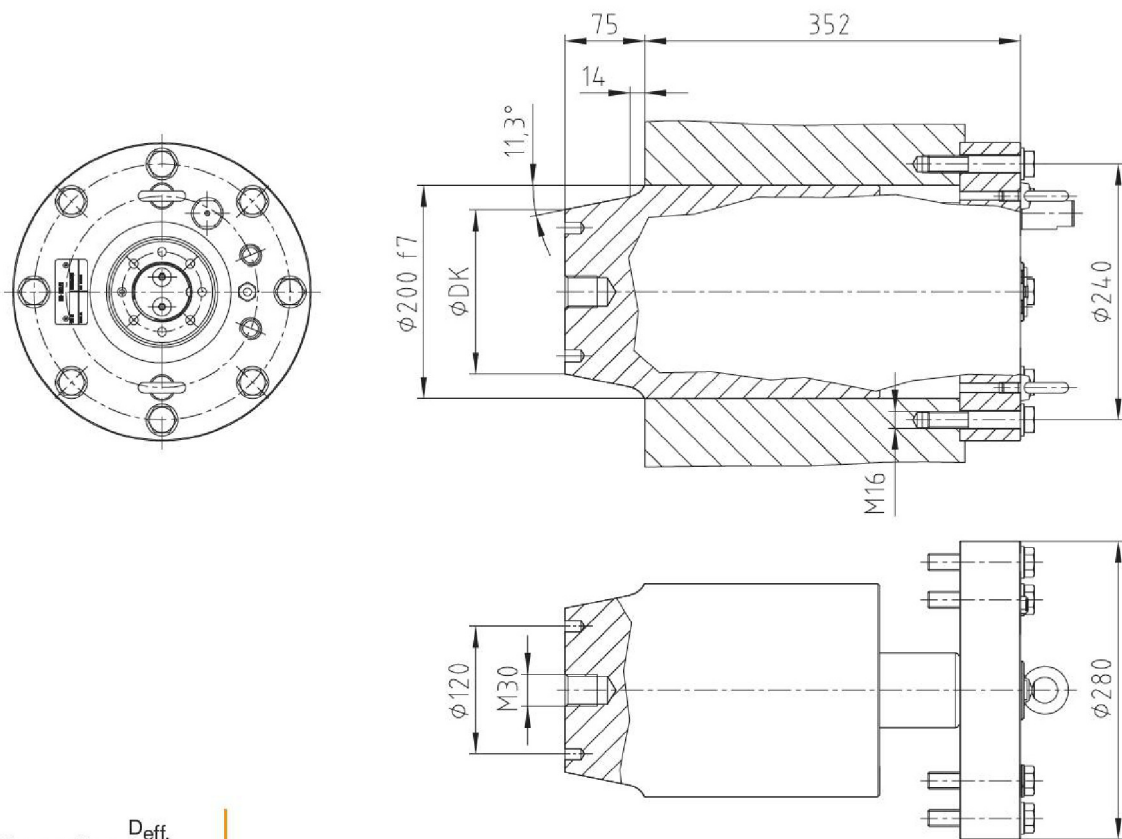


KTR-STOP® RL S Rotor Lock

Hydraulic system



$$M_L = z \cdot F_L \cdot \frac{D_{\text{eff.}}}{2}$$

F_L = Shear force [kN]

M_L = Lock torque [kNm]

z = Number of Rotor Lock

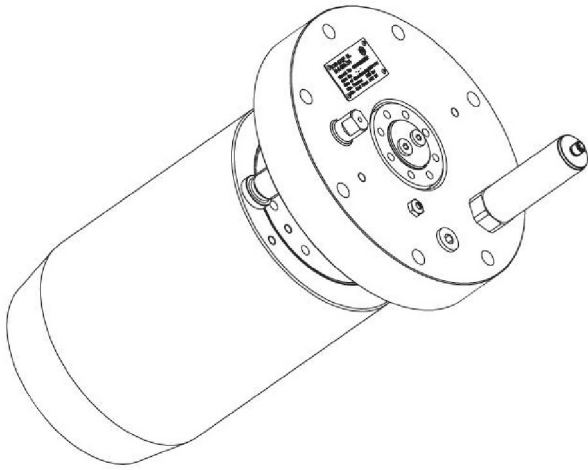
$D_{\text{eff.}}$ = Pitch circle diameter of locking disk [m]

KTR-STOP® RL S			
Weight	ca. 90 kg	Piston diameter	120 mm
Max. stroke	80 mm	Piston surface fore stroke	113,10 cm ²
Max. shear force ¹⁾	2000 kN	Piston surface back stroke	74,61 cm ²
Max. operating pressure	250 bar	Oil volume per 1 mm stroke	11,3 cm ³
Max. force fore stroke F+	293 kN	Oil volume with 75 mm stroke (full stroke)	848,2 cm ³
Max. force back stroke F-	187 kN	Pressure port	G 1/4

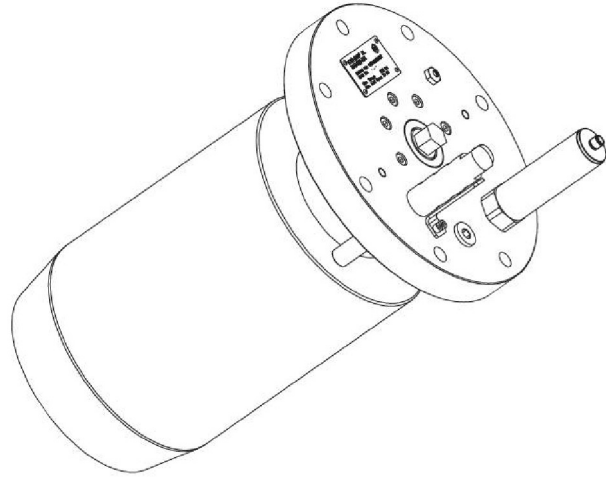
¹⁾ Please note that the shear force refers to the Rotor Lock only.

Ordering example:	KTR-STOP® RL	S	-	A	-	295	-	154
	KTR Rotor Lock	Rotor Lock size		Option		Mounting length		Small taper diameter

Hydraulic version

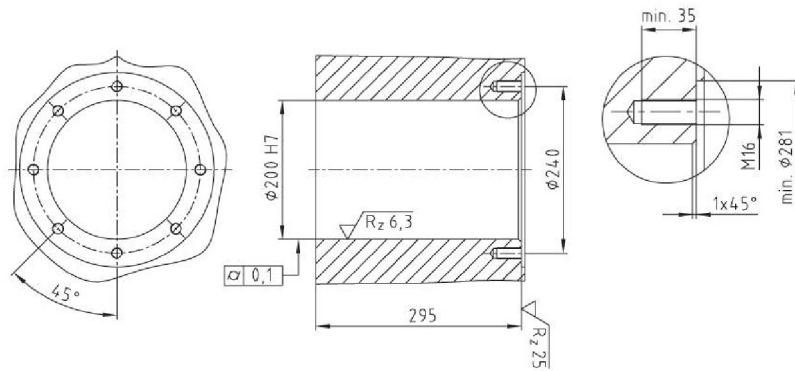


Mechanical version



Connection dimensions

Housing



Locking disk

