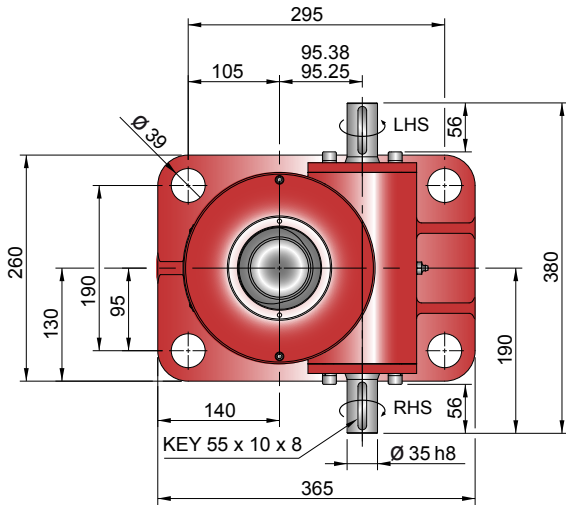
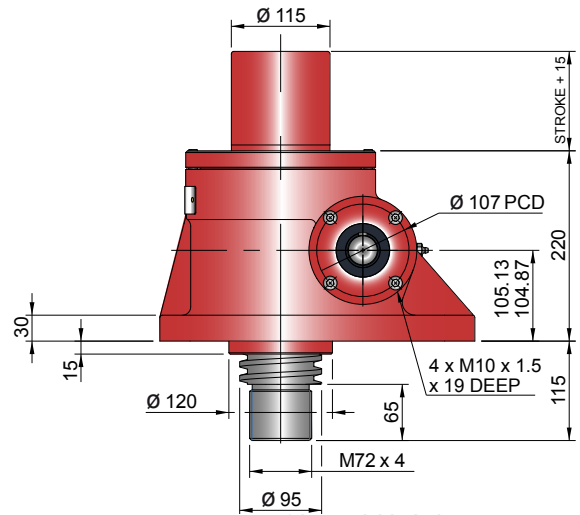
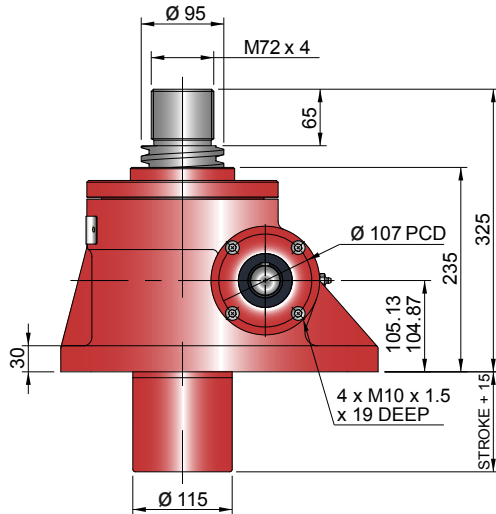
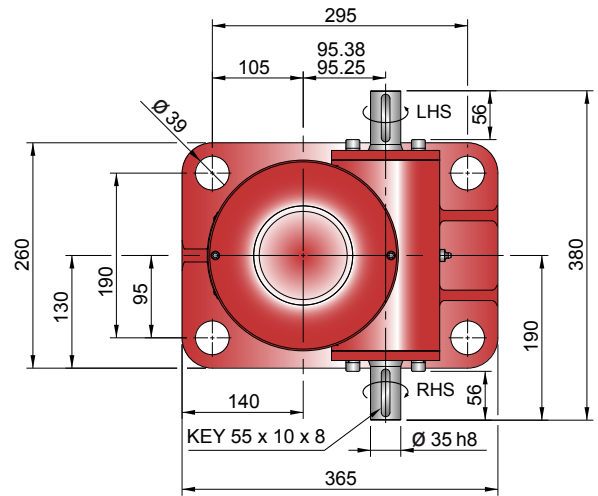


Upright EMT0300-U00



Inverted EMT0300-I00



### Performance

### Closed Height

Model		EMT0300 EMR0300	
Capacity	kN	300	
Lifting Screw	Diameter (mm)	95	
	Lead	Option	1   2
	mm	16	32
Gear Ratio Option 1	Gear Ratio	10 2/3:1	
	Static Efficiency	0.149	0.232
	Dynamic Efficiency	0.205	0.308
Gear Ratio Option 2	Gear Ratio	32:1	
	Static Efficiency	0.084	0.131
	Dynamic Efficiency	0.128	0.192
Max. Input power (kW)	Gear Ratio Option 1	6.0	
	Gear Ratio Option 2	1.9	
Start up torque at full load (Nm)	Gear Ratio Option 1	480	618
	Gear Ratio Option 2	284	365

Model		EMT0300 EMR0300	
Capacity	kN	300	
Lifting Screw (mm)		16	32
Turn of worm for travel of lifting screw	Gear Ratio 1	1 Turn	1.5mm   3mm
	Gear Ratio 2	4 Turn	2mm   4mm
Maximum Through Torque (Nm)		1440	
Lifting Screw Restraining Torque (Nm)		2805	3610
Worm Shaft Maximum Radial Load (N)		2170	
Maximum Input Speed (rpm)		1800	
Gear Case Material		Steel	
Weight (kg) - stroke = 150mm		EMT	92.4
		EMR	113.78
Weight (kg) - per extra 25mm stroke		EMT	1.55
		EMR	1.13

Note: All dimension in millimetres unless otherwise stated.  
Designs subject to change without notice

