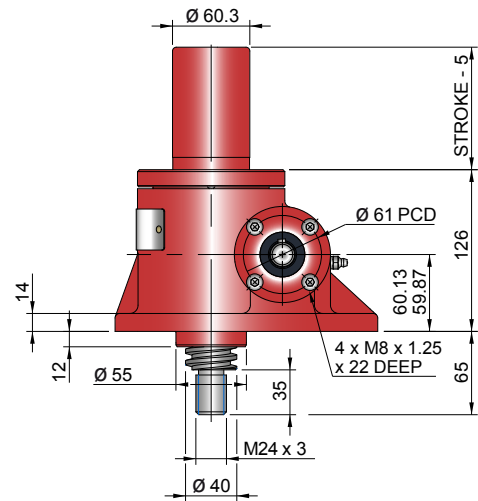
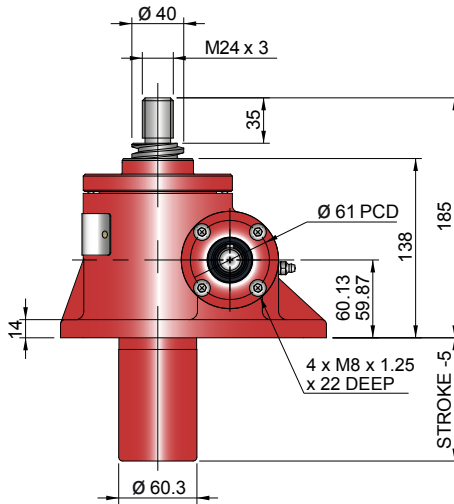
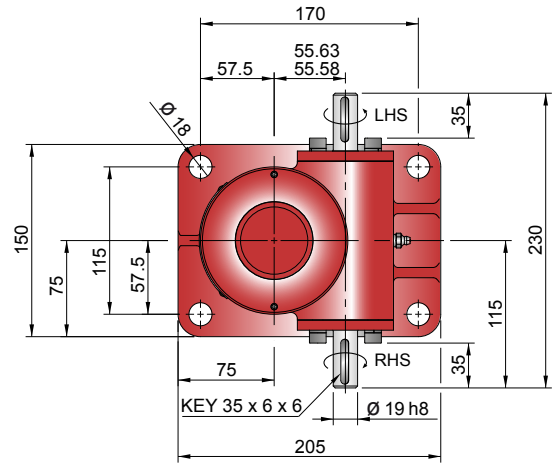
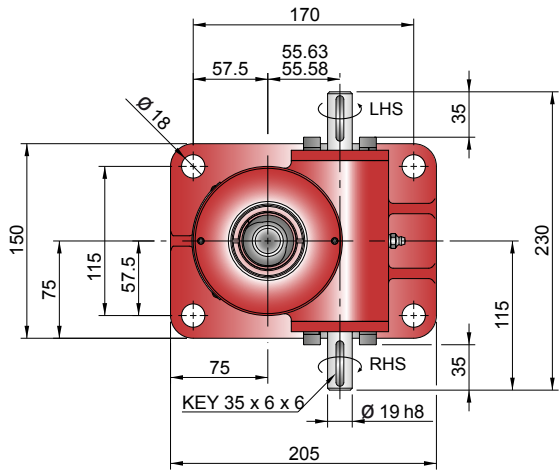


Upright EMT0050-U00

Inverted EMT0050-I00



Performance

Closed Height

Model		EMT0050 EMR0050	
Capacity	kN	50	
Lifting Screw	Diameter (mm)	40	
	Lead	Option	1 2
	mm	9	18
Gear Ratio Option 1	Gear Ratio	6:1	
	Static Efficiency	0.213	0.314
	Dynamic Efficiency	0.281	0.398
Gear Ratio Option 2	Gear Ratio	24:1	
	Static Efficiency	0.117	0.172
	Dynamic Efficiency	0.172	0.244
Max. Input power (kW)	Gear Ratio Option 1	3.0	
	Gear Ratio Option 2	0.55	
Start up torque at full load (Nm)	Gear Ratio Option 1	56	76
	Gear Ratio Option 2	25.5	34.7

Model		EMT0050 EMR0050	
Capacity	kN	50	
Lifting Screw (mm)		9	18
Turn of worm for travel of lifting screw	Gear Ratio 1	1 Turn	1.5mm 3mm
	Gear Ratio 2	4 Turn	1.5mm 3mm
Maximum Through Torque (Nm)		168	
Lifting Screw Restraining Torque (Nm)		210	290
Worm Shaft Maximum Radial Load (N)		740	
Maximum Input Speed (rpm)		1800	
Gear Case Material		SG Iron	
Weight (kg) - stroke = 150mm	EMT	14.9	
	EMR	16.54	
Weight (kg) - per extra 25mm stroke	EMT	0.32	
	EMR	0.19	

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

