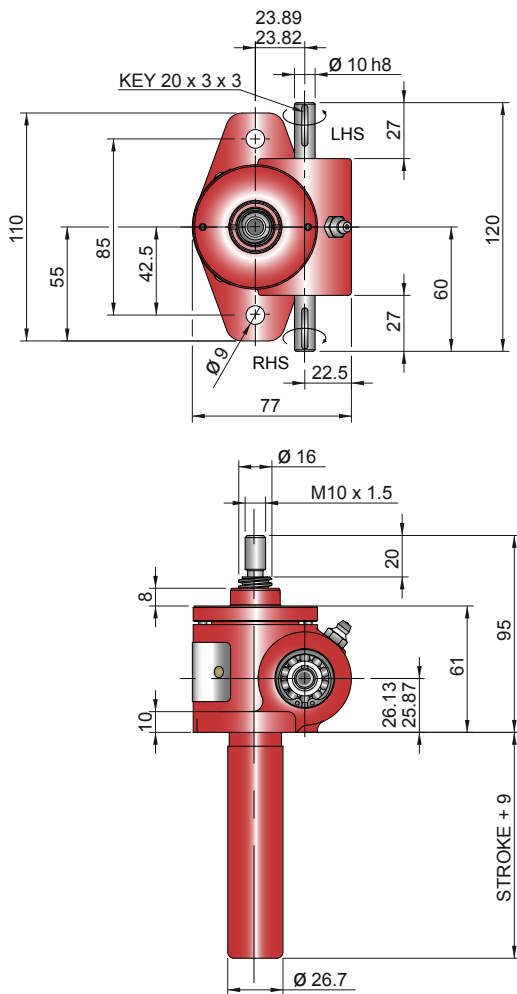
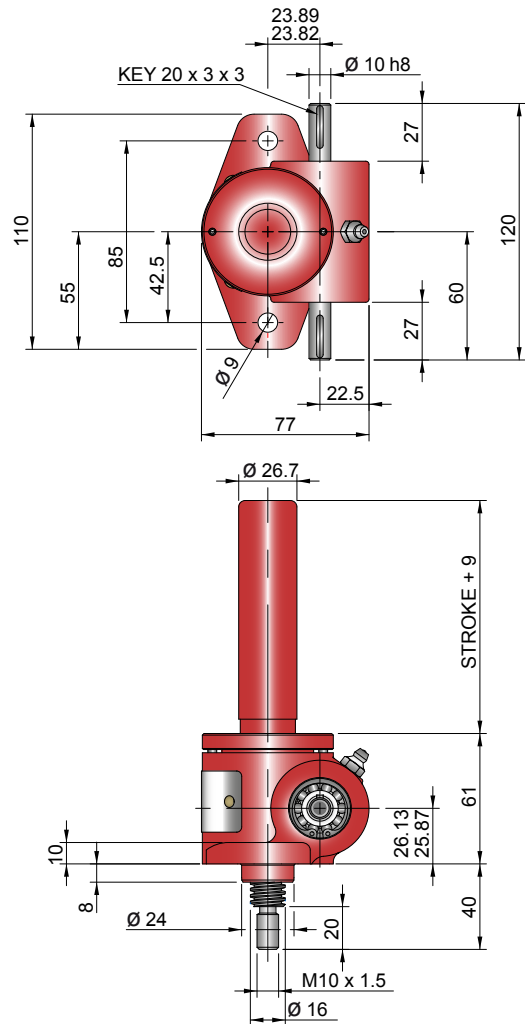


Upright EMT0005-U00



Inverted EMT0005-I00



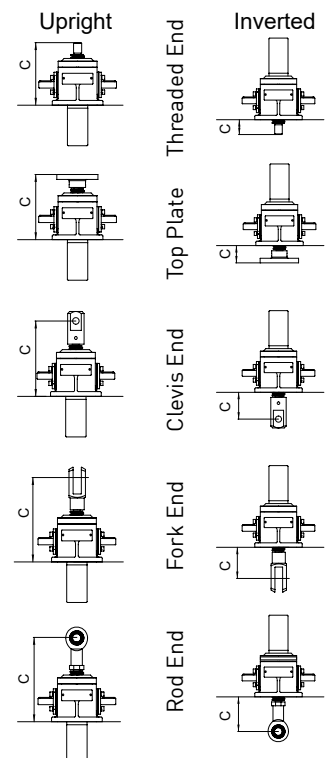
Performance

Model		EMT0005 EMR0005	
Capacity	kN	5	
Lifting Screw	Diameter (mm)	16	
	Lead	Option	1 2
		mm	3 6
Gear Ratio Option 1	Gear Ratio	5:1	
	Static Efficiency	0.189	0.291
	Dynamic Efficiency	0.252	0.370
Gear Ratio Option 2	Gear Ratio	20:1	
	Static Efficiency	0.107	0.165
	Dynamic Efficiency	0.160	0.235
Max. Input power (kW)	Gear Ratio Option 1	0.25	
	Gear Ratio Option 2	0.12	
Start up torque at full load (Nm)	Gear Ratio Option 1	2.5	3.3
	Gear Ratio Option 2	1.1	1.4

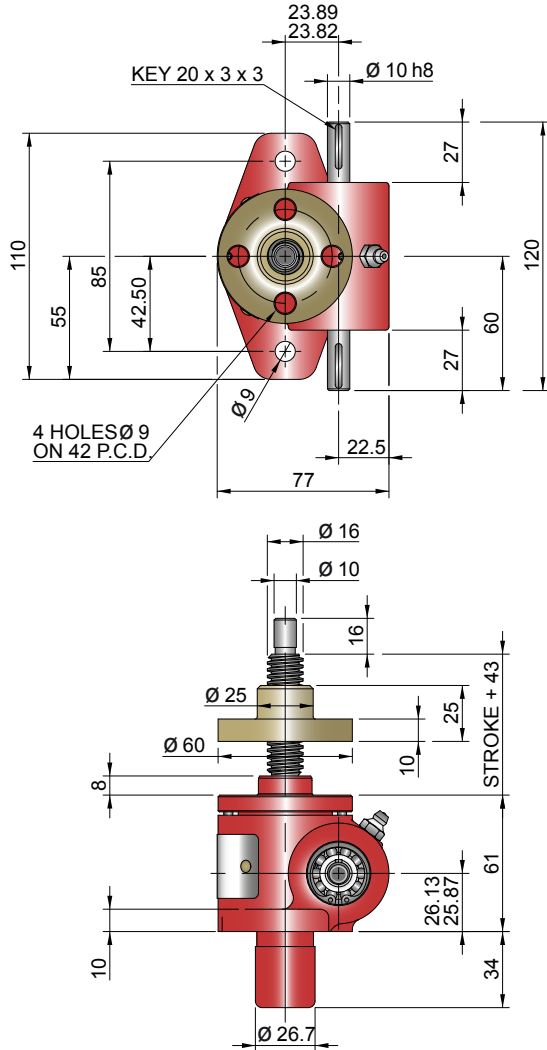
Closed Height

Model		EMT0005 EMR0005	
Capacity	kN	5	
Lifting Screw Lead (mm)		3	6
Turn of worm for travel of lifting screw	Gear Ratio 1	1 Turn	0.6mm 1.2mm
	Gear Ratio 2	4 Turn	0.6mm 1.2mm
Maximum Through Torque (Nm)		7.5	
Lifting Screw Restraining Torque (Nm)		8	11
Worm Shaft Maximum Radial Load (N)		180	
Maximum Input Speed (rpm)		1800	
Gear Case Material		Aluminium	
Weight (kg) - stroke = 150mm	EMT	1.3	
	EMR	1.36	
Weight (kg) - per extra 25mm stroke	EMT	0.08	
	EMR	0.03	

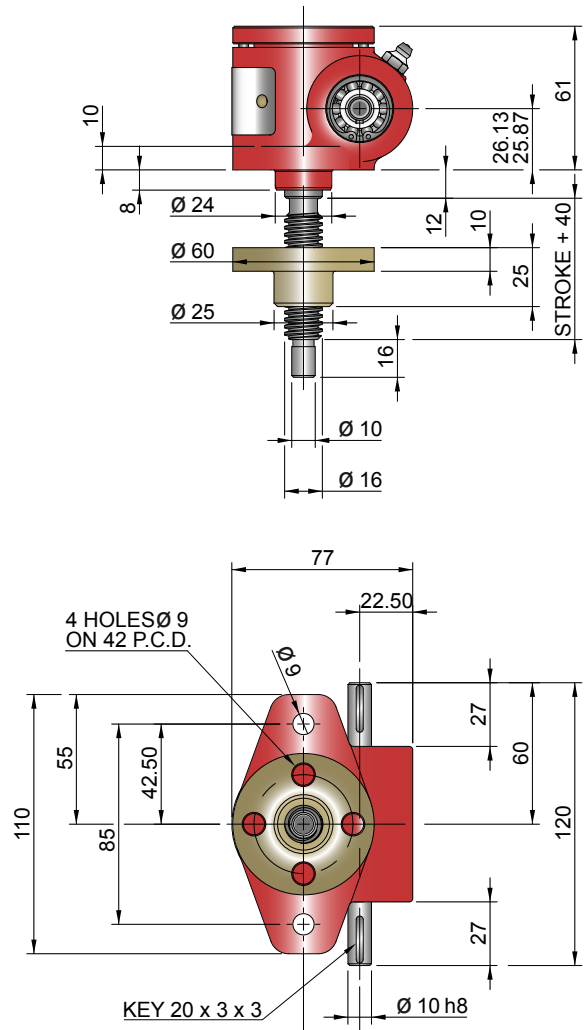
Note: All dimension in millimetres unless otherwise stated.
Designs subject to change without notice



Upright EMR0005-U00



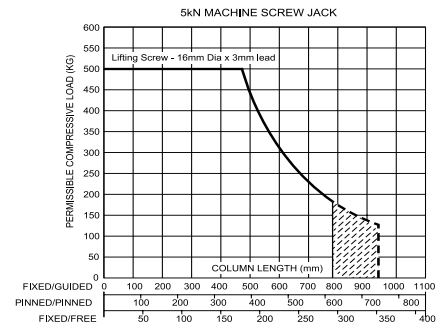
Inverted EMR0005-I00



Closed Height & Bellows Boots

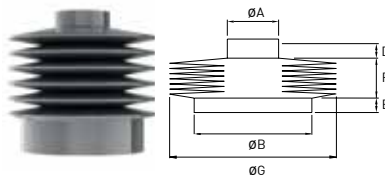
Closed Height "C"	Threaded End		Top Plate		Clevis End		Fork End		Rod End	
	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted
EMT0005	95	40	95	40	115	60	114	59	117	62
Stroke (mm)	EMT0005 with Bellows Boots									
1-150	95	70	95	70	115	90	114	89	132	107
151-300	120	90	120	90	140	110	139	109	157	127

Column Strength



Model	A	B	D	E	G
EMT0005	25	60	13	13	100

Stroke	1-150	151-300	301-600	601-900	901-1050
EMT0005	10	20	30	-	-



Note:

- 1 Inverted Screw Jacks - Bellows Boot Closed Height assumes screw jack mounted on a structure with thickness = 15mm
- 2 Inverted Screw Jacks - Recommended bellows boot mounting plate $\text{ØB} \times [\text{E} + 5\text{mm}]$ thick.
- 3 Inverted Screw Jacks - Screw Jack mounting plate & bellows boot mounting plate are customers own supply
- 4 † Control tapes fitted (increase outer diameter by 20mm approximately).
- 5 For horizontal installations with than 450 mm of stroke, internal boot guides are recommended.
- 6 Customers with threaded end screw jacks must provide a fixing for the unattached bellows boot collar.
- 7 Bellows boots for Rotating Screw Jacks, other sizes, stroke and materials please consult Power Jacks.

