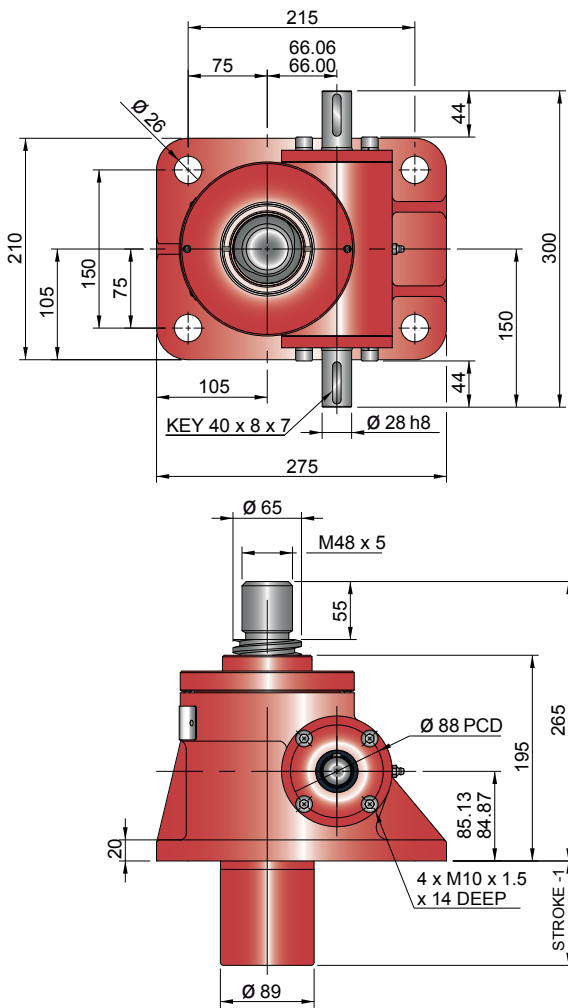
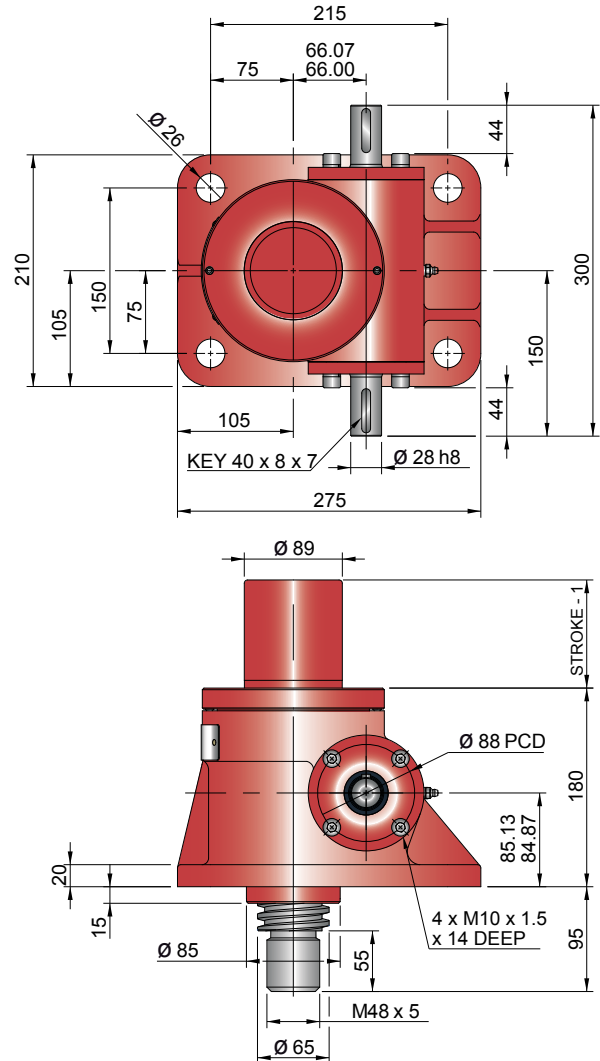


Upright EMT0200-U00



Inverted EMT0200-I00



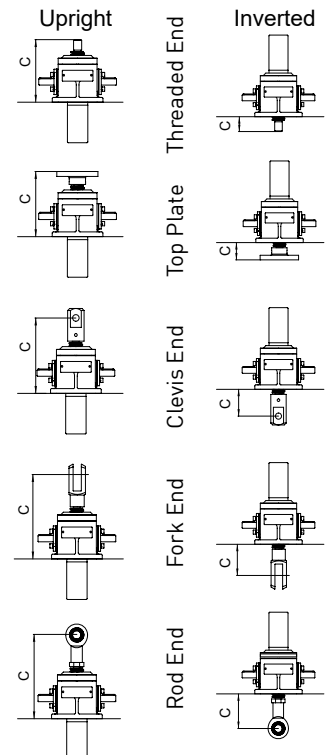
### Performance

Model		EMT0200 EMR0200	
Capacity	kN	200	
Lifting Screw	Diameter (mm)	65	
	Lead	Option 1	Option 2
	mm	12	24
Gear Ratio Option 1	Gear Ratio	8:1	
	Static Efficiency	0.181	0.279
	Dynamic Efficiency	0.242	0.357
Gear Ratio Option 2	Gear Ratio	24:1	
	Static Efficiency	0.116	0.178
	Dynamic Efficiency	0.169	0.250
Max. Input power (kW)	Gear Ratio Option 1	3.75	
	Gear Ratio Option 2	1.125	
Start up torque at full load (Nm)	Gear Ratio Option 1	263.8	343
	Gear Ratio Option 2	137	179

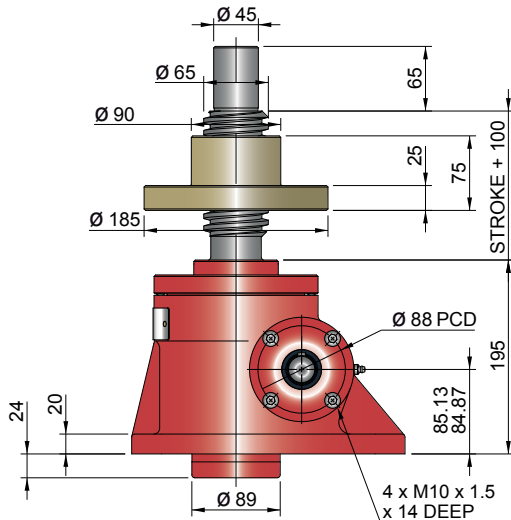
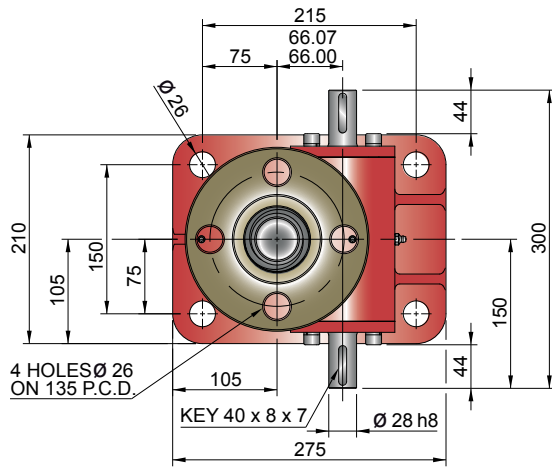
### Closed Height

Model		EMT0200 EMR0200		
Capacity	kN	200		
Lifting Screw (mm)		12	24	
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)		396		
Lifting Screw Restraining Torque (Nm)		1300	1705	
Worm Shaft Maximum Radial Load (N)		1600		
Maximum Input Speed (rpm)		1800		
Gear Case Material		Steel		
Weight (kg) - stroke = 150mm	EMT	42.4		
	EMR	49.58		
Weight (kg) - per extra 25mm stroke	EMT	0.84		
	EMR	0.52		

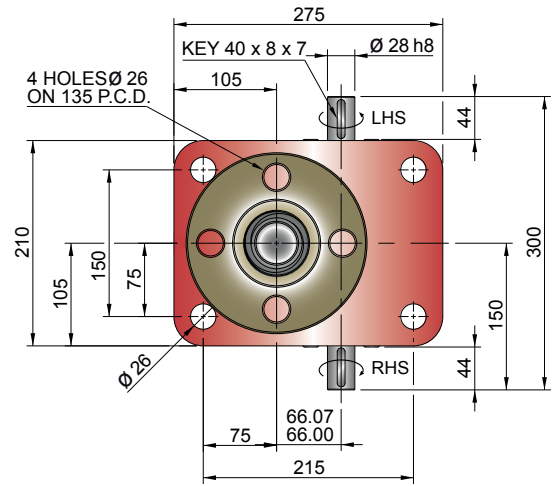
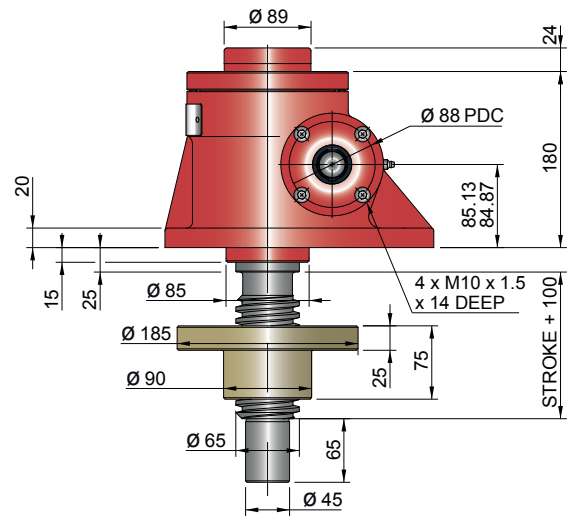
Note: All dimension in millimetres unless otherwise stated.  
Designs subject to change without notice



## Upright EMR0200-U00



## Inverted EMR0200-I00

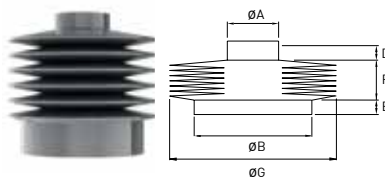


## Closed Height & Bellows Boots

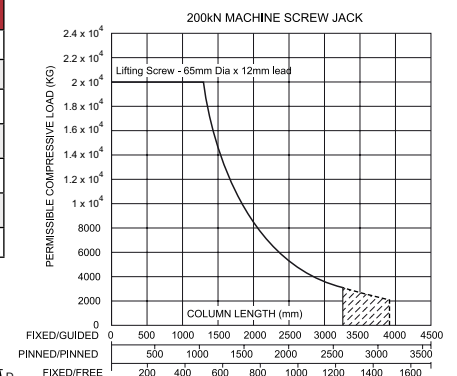
Closed Height "C"	Threaded End		Top Plate		Clevis End		Fork End		Rod End	
	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted
EMT0200	265	95	265	95	310	140	400	230	367	197
Stroke (mm)	EMT0200 with Bellows Boots									
1-300	265	120	265	120	310	165	400	255	387	242
301-600	265	145	265	145	310	190	400	280	387	267
601-1050	290	145	290	145	335	190	425	280	412	267
1051-1500	315	170	315	170	360	215	450	305	437	292

Model	A	B	D	E	G
EMT0200	75	165	20	20	165

Stroke	1-300	301-600	601-1050	1051-1500
EMT0200	20	30	50	70



## Column Strength



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  $\varnothing B \times [E + 5mm]$  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.

