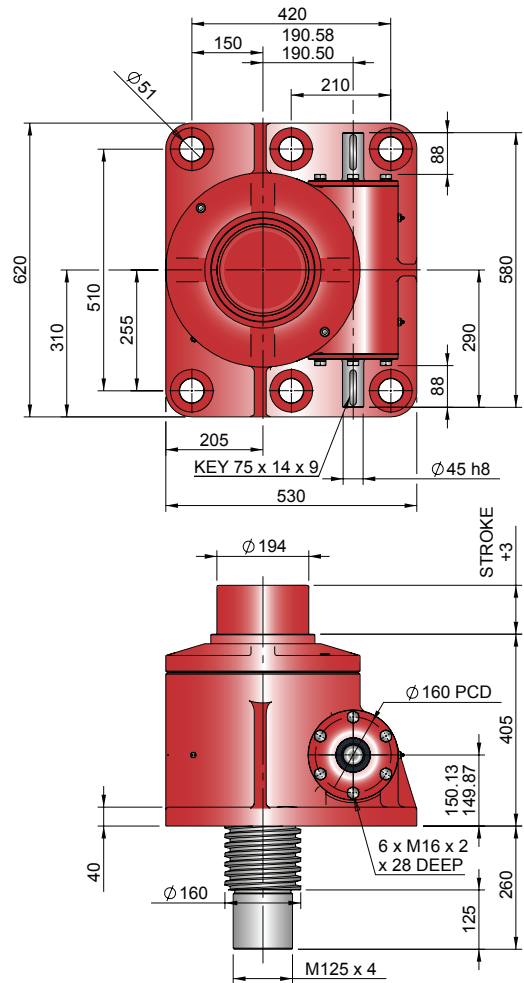
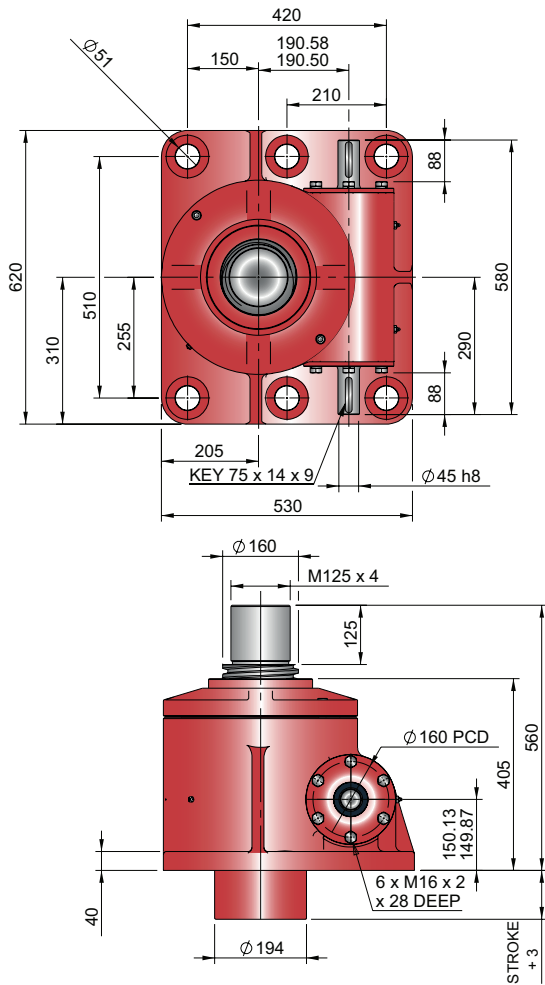


Upright EMT1000-U00

Inverted EMT1000-I00



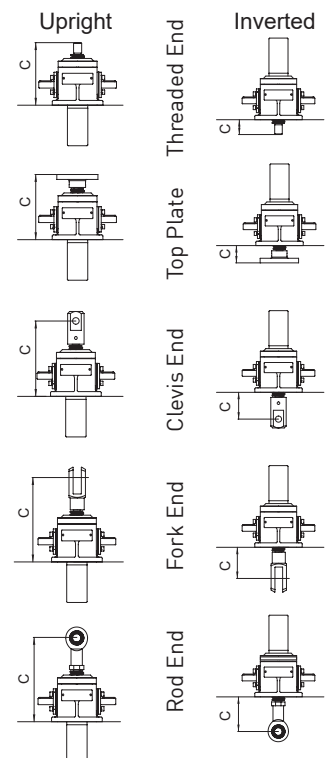
Performance

Closed Height

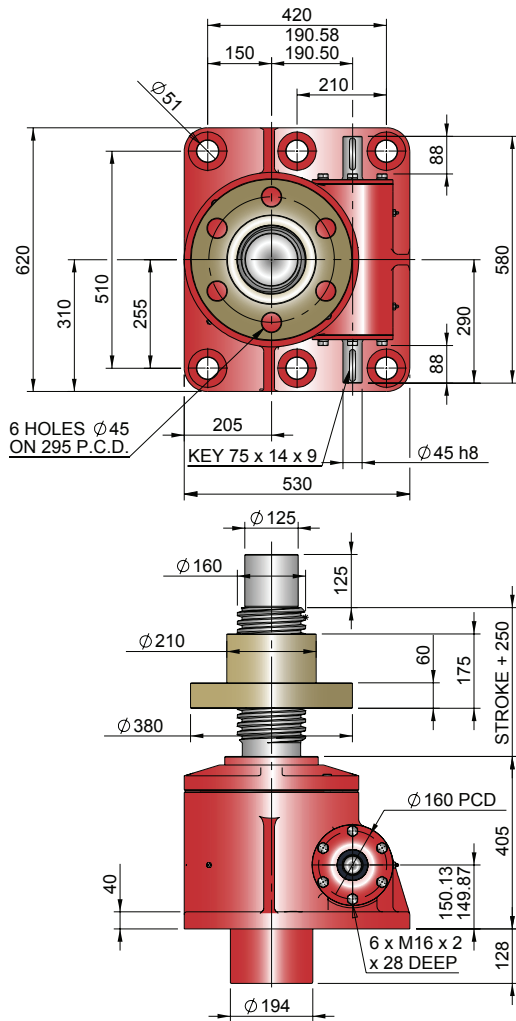
Model		EMT1000 EMR1000
Capacity	kN	1000
Lifting Screw	Diameter (mm)	160
	Lead	Option 1 20
Gear Ratio Option 1	Gear Ratio	12:1
	Static Efficiency	0.131
	Dynamic Efficiency	0.178
Gear Ratio Option 2	Gear Ratio	36:1
	Static Efficiency	0.079
	Dynamic Efficiency	0.123
Max. Input power (kW)	Gear Ratio Option 1	18.5
	Gear Ratio Option 2	8.25
Start up torque at full load (Nm)	Gear Ratio Option 1	2025
	Gear Ratio Option 2	1119

Model		EMT1000 EMR1000	
Capacity	kN	1000	
Lifting Screw (mm)		20	
Turn of worm for travel of lifting screw	Gear Ratio 1	1 Turn	1.67mm
	Gear Ratio 2	4 Turn	6.67mm
Maximum Through Torque (Nm)		6075	
Lifting Screw Restraining Torque (Nm)		14890	
Worm Shaft Maximum Radial Load (N)		2220	
Maximum Input Speed (rpm)		1800	
Gear Case Material		Steel	
Weight (kg) - stroke = 150mm	EMT	459.1	
	EMR	560.4	
Weight (kg) - per extra 25mm stroke	EMT	4.11	
	EMR	3.38	

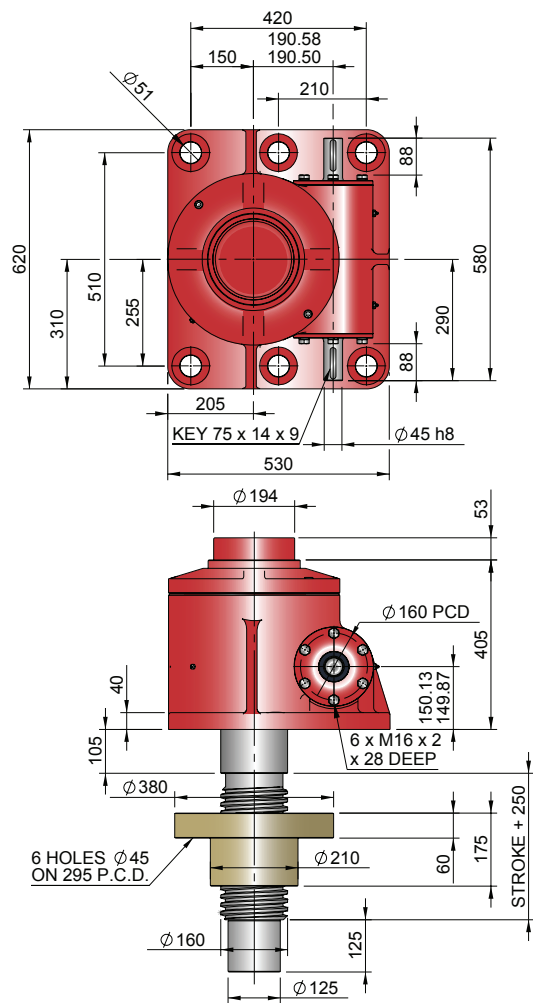
Note: All dimension in millimetres unless otherwise stated.
Designs subject to change without notice



Upright EMR1000-U00



Inverted EMR1000-I00

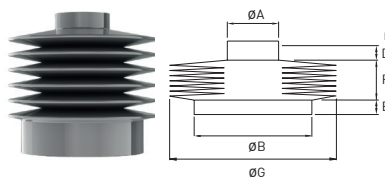


Closed Height & Bellows Boots

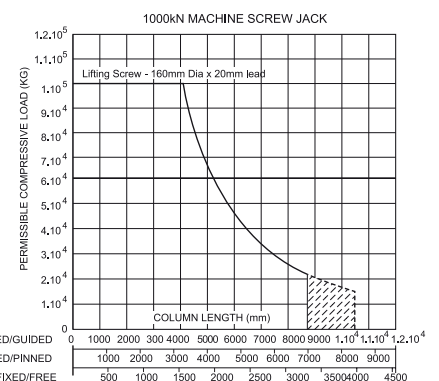
Closed Height "C"	Threaded End		Top Plate		Clevis End		Fork End		Rod End	
	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted
EMT1000	560	260	560	260	625	325	on request		on request	
Stroke (mm)	EMT1000 with Bellows Boots									
1-300	560	260	560	260	625	325	-	-	-	-
301-600	560	260	560	260	625	325	-	-	-	-
601-1050	585	285	585	285	650	350	-	-	-	-
1051-1500	610	310	610	310	675	375	-	-	-	-

Model	A	B	D	E	G
EMT1000	200	220	20	20	244

Stroke	1-300	301-600	601-1050	1051-1500
EMT1000	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 ØB x [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.

