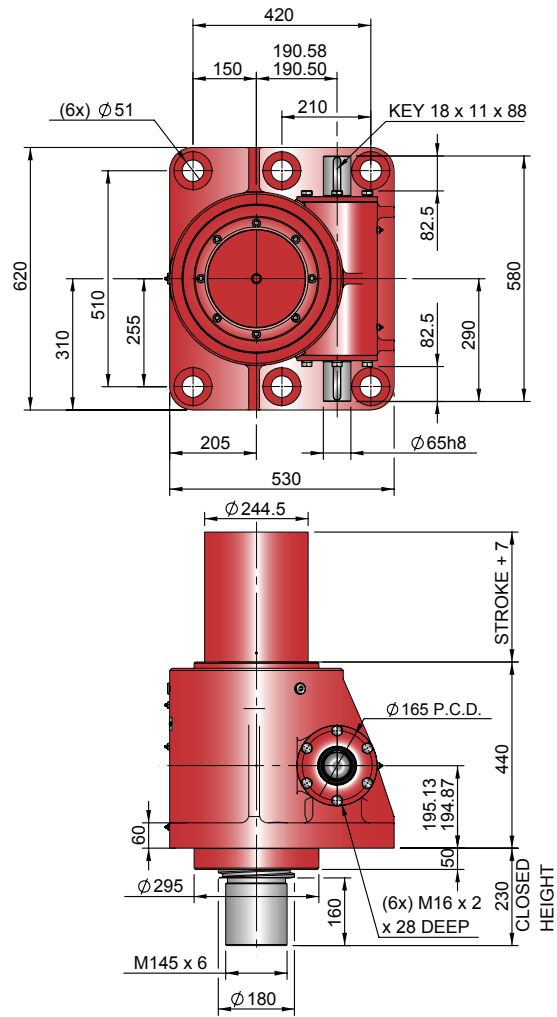
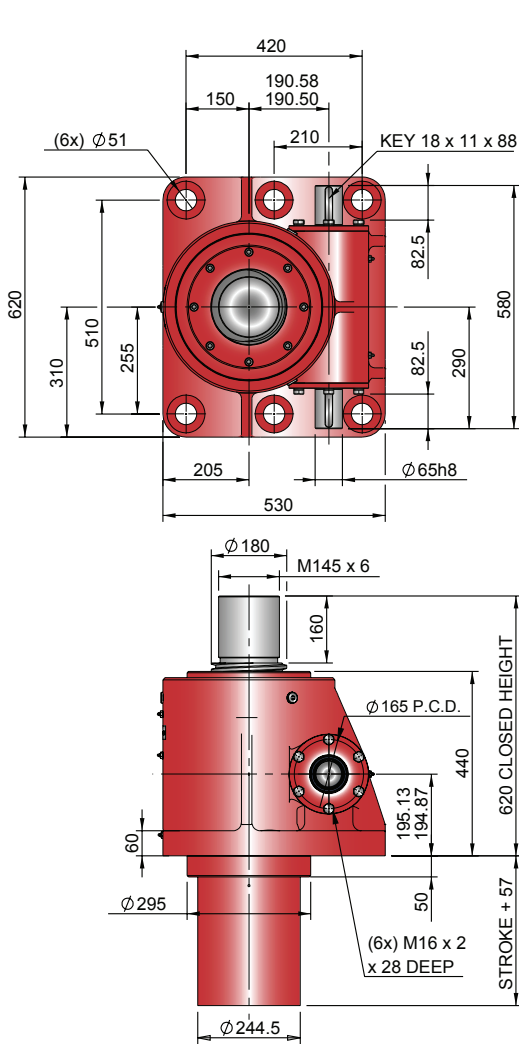


Upright EMT1500-U00

Inverted EMT1500-I00



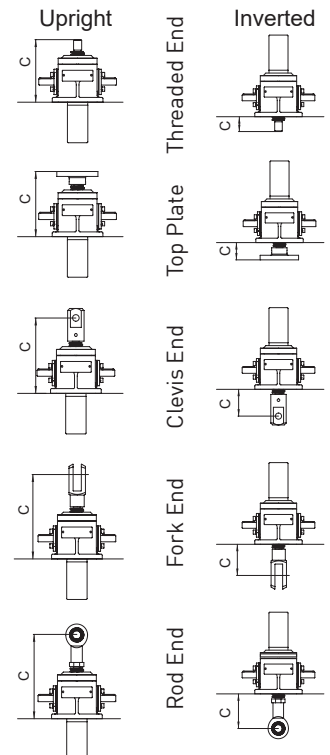
Performance

Closed Height

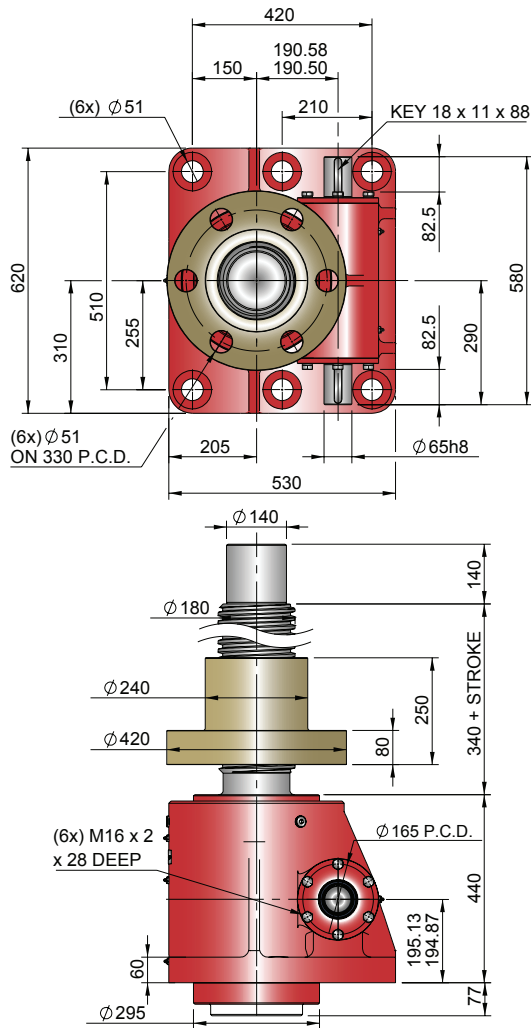
Model		EMT1500 EMR1500
Capacity	kN	1500
Lifting Screw	Diameter (mm)	180
	Lead	Option 1 20
Gear Ratio Option 1	Gear Ratio	11.67:1
	Static Efficiency	0.112
	Dynamic Efficiency	0.155
Gear Ratio Option 2	Gear Ratio	on request
	Static Efficiency	on request
	Dynamic Efficiency	on request
Max. Input power (kW)	Gear Ratio Option 1	25.3
	Gear Ratio Option 2	on request
Start up torque at full load (Nm)	Gear Ratio Option 1	3655
	Gear Ratio Option 2	on request

Model		EMT1500 EMR1500
Capacity	kN	1500
Lifting Screw (mm)		20
Turn of worm for travel of lifting screw	Gear Ratio 1	1 Turn
	Gear Ratio 2	4 Turn
Maximum Through Torque (Nm)		7310
Lifting Screw Restraining Torque (Nm)		24610
Worm Shaft Maximum Radial Load (N)		4450
Maximum Input Speed (rpm)		1000
Gear Case Material		Steel
Weight (kg) - stroke = 150mm	EMT	563
	EMR	708
Weight (kg) - per extra 25mm stroke	EMT	5.80
	EMR	4.40

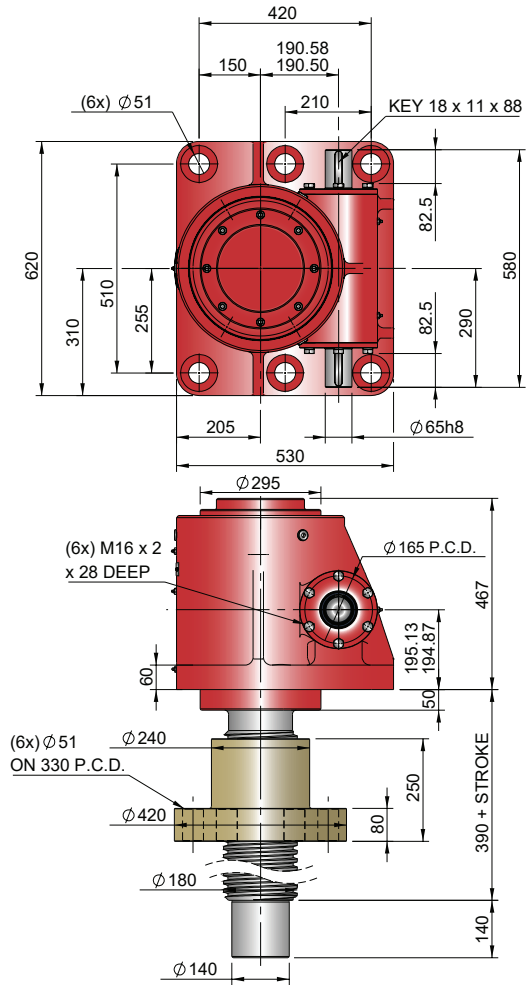
Note: All dimension in millimetres unless otherwise stated.
Designs subject to change without notice



Upright EMR1500-U00



Inverted EMR1500-I00

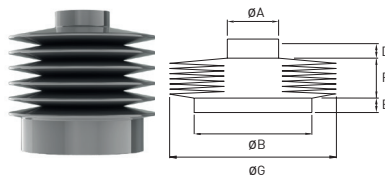


Closed Height & Bellows Boots

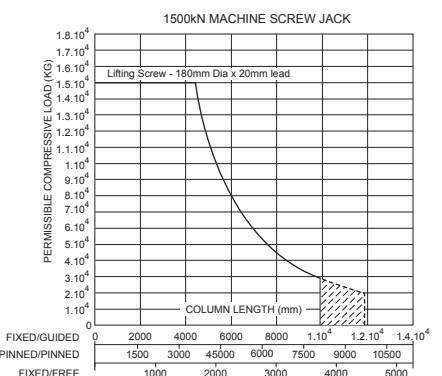
Closed Height "C"	Threaded End		Top Plate		Clevis End		Fork End		Rod End	
	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted
EMT1500	620	230	620	230	760	370	on request		on request	
Stroke (mm)	EMT1500 with Bellows Boots									
1-500	620	230	620	230	760	370	-	-	-	-
501-1000	630	255	630	255	770	395	-	-	-	-
1001-2000	665	290	665	290	805	430	-	-	-	-
2001-4000	745	370	745	370	885	510	-	-	-	-

Model	A	B	D	E	G
EMT1500	215	410	25	25	480

Stroke	1-500	751-1000	1001-2000	2001-4000
EMT1500	20	45	80	160



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.

