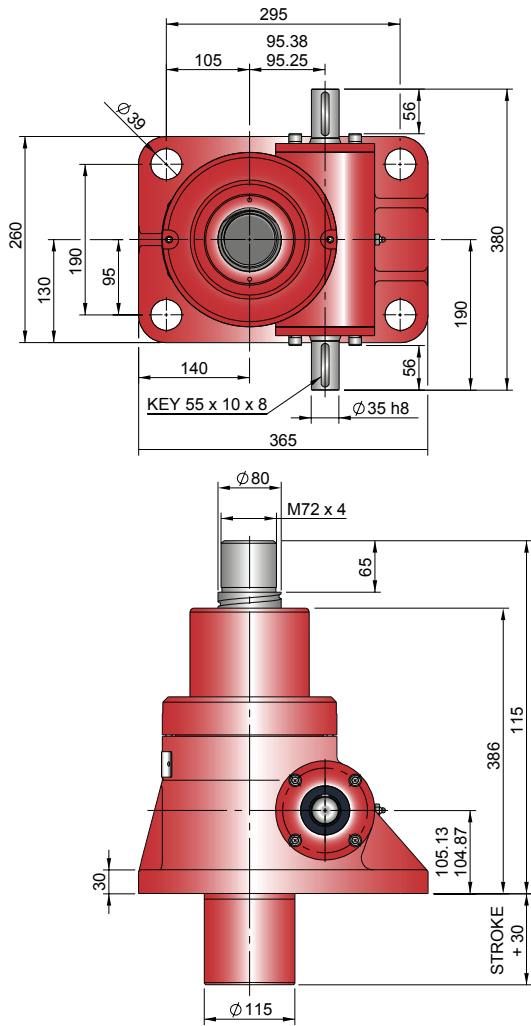
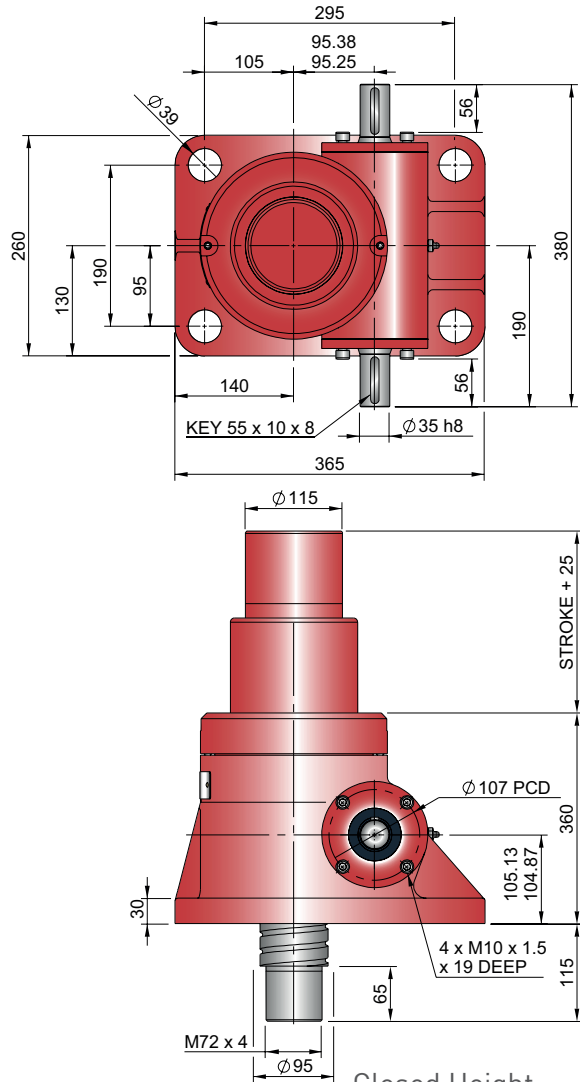


Upright EBT0300-U00



Inverted EBT0300-I00



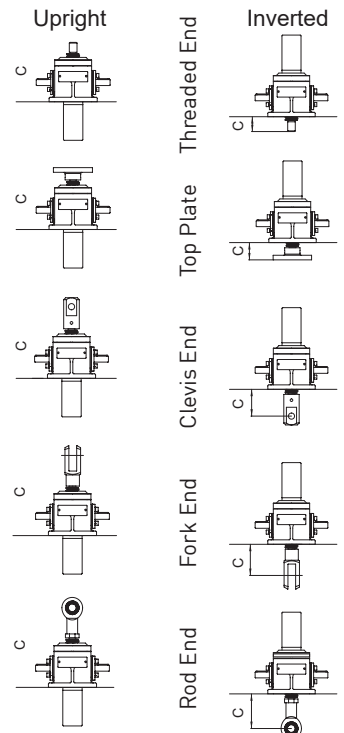
Performance

Closed Height

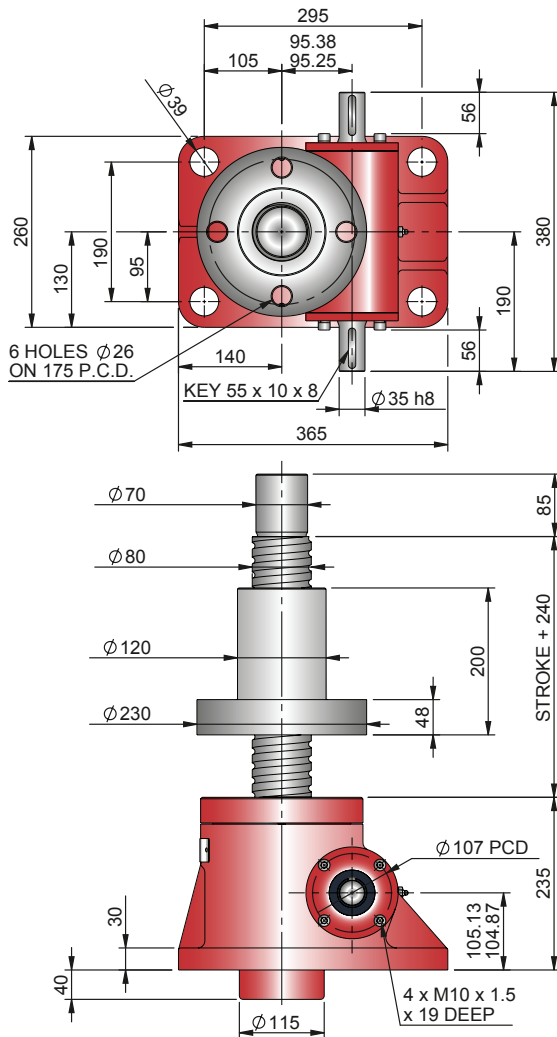
Model		EBT0300 EBR0300
Capacity	kN	300
Lifting Screw	Diameter (mm)	80
	Lead	Option 1: 1 mm: 20
Gear Ratio Option 1	Gear Ratio	10 2/3:1
	Static Efficiency	0.492
	Dynamic Efficiency	0.595
Gear Ratio Option 2	Gear Ratio	32:1
	Static Efficiency	0.337
	Dynamic Efficiency	0.440
Max. Input power (kW)	Gear Ratio Option 1	6.0
	Gear Ratio Option 2	1.9
Start up torque at full load (Nm)	Gear Ratio Option 1	0.278
	Gear Ratio Option 2	0.371

Model		EMT0300 EMR0300
Capacity	kN	300
Lifting Screw (mm)		16   32
Turn of worm for travel of lifting screw	Gear Ratio 1	6 Turn   11.25mm
	Gear Ratio 2	24 Turn   7.5mm
Maximum Through Torque (Nm)		1440
Lifting Screw Restraining Torque (Nm)		1030
Worm Shaft Maximum Radial Load (N)		2170
Maximum Input Speed (rpm)		1800
Gear Case Material		Steel
Weight (kg) - stroke = 150mm	EMT	92.4
	EMR	113.78
Weight (kg) - per extra 25mm stroke	EMT	1.55
	EMR	1.13

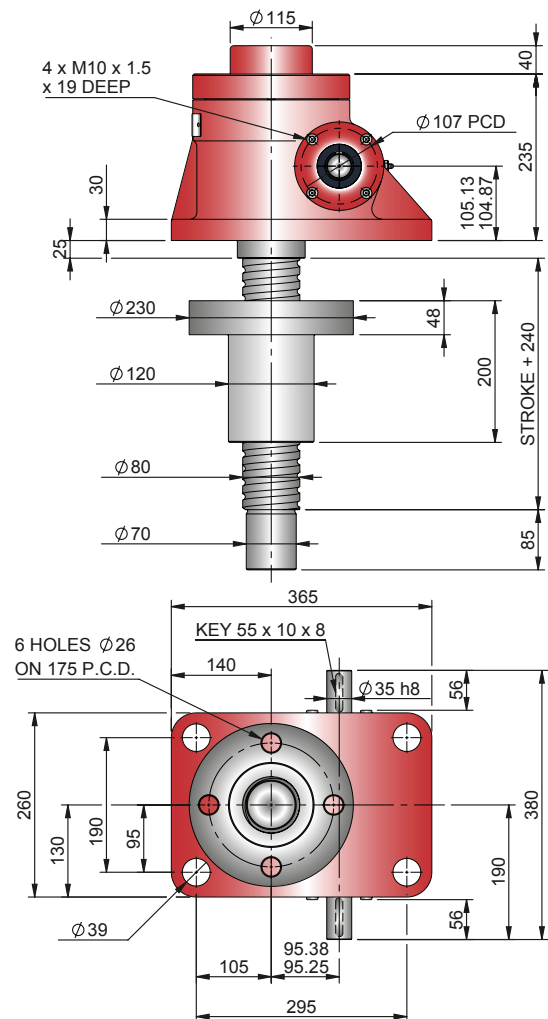
Note: All dimension in millimetres unless otherwise stated.  
Designs subject to change without notice



## Upright EBR0300-U00



## Inverted EBR0300-I00

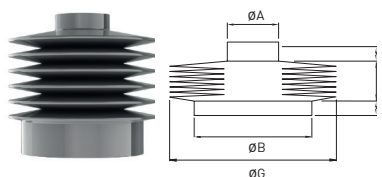


## Closed Height & Bellows Boots

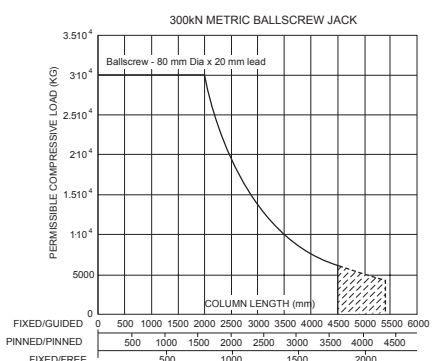
Closed Height "C"	Threaded End		Top Plate		Clevis End		Fork End		Rod End	
	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted
EBT0300	325	115	325	115	365	155	148	98	150	70
Stroke (mm)	EBT0300 with Bellows Boots									
1-300	470	135	470	135	510	175	-	-	-	-
301-600	480	145	480	145	520	185	-	-	-	-
601-1050	500	165	500	165	540	205	-	-	-	-
1051-1500	520	185	520	185	560	225	-	-	-	-

Model	A	B	D	E	G
EBT0300	110	150	20	20	180

Stroke	1-300	301-600	601-1050	1050-1500
EBT0300	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.

