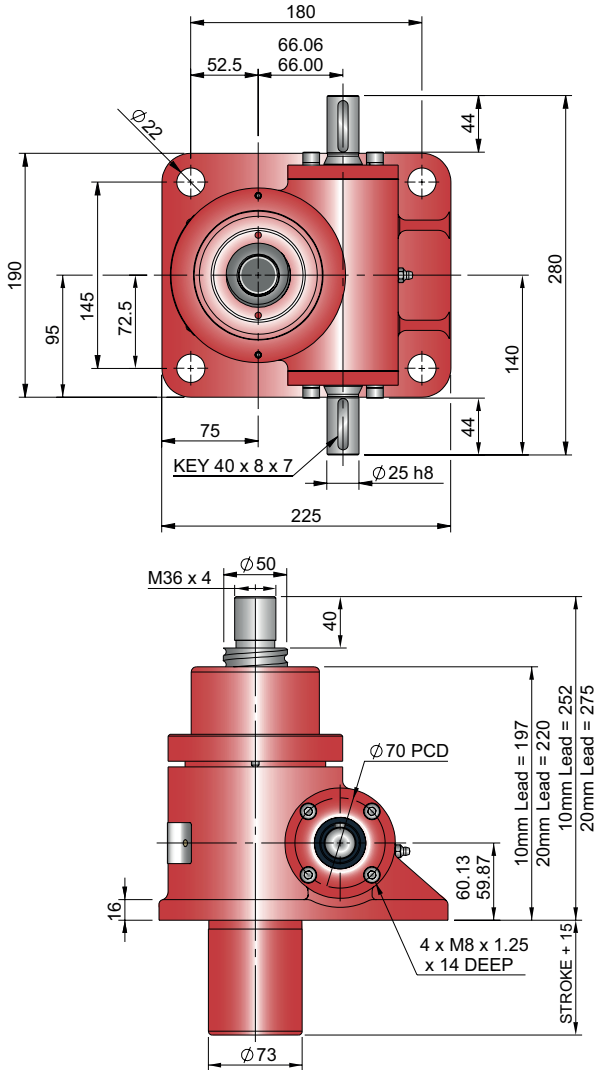
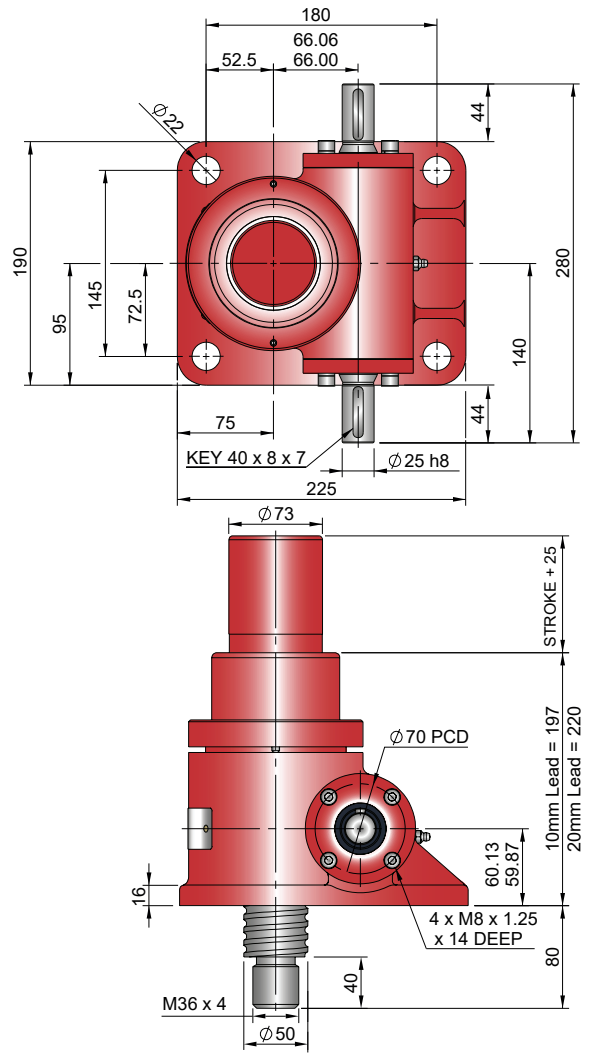


Upright EBT0100-U00



Inverted EBT0100-I00



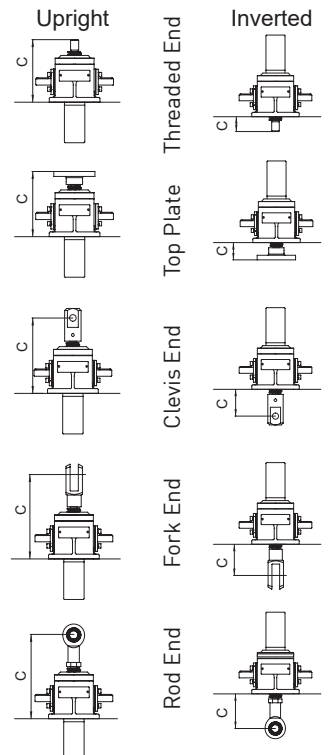
Performance

Closed Height

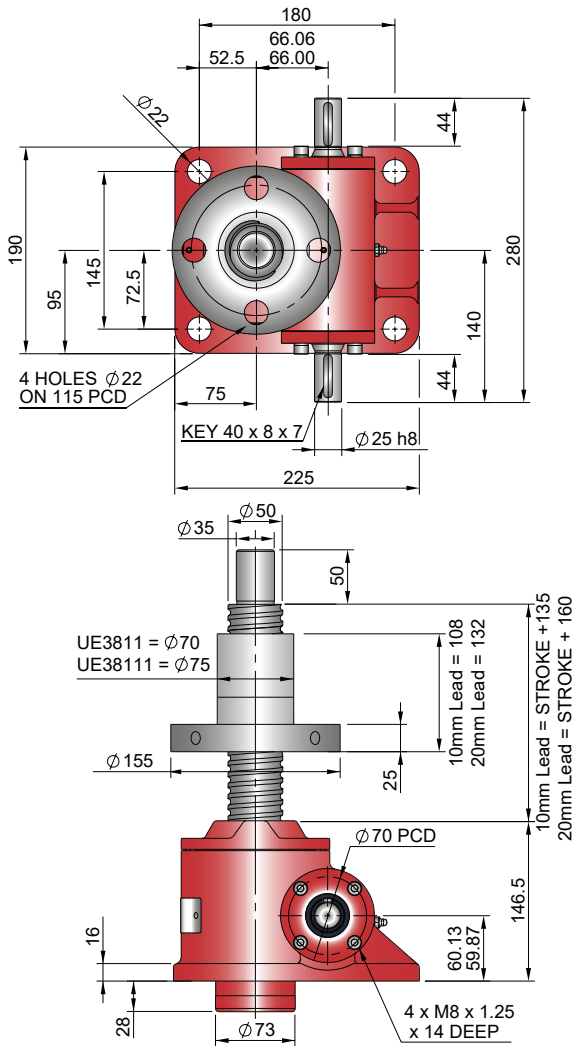
Model		EBT0100 EBR0100	
Capacity	kN	100	
Lifting Screw	Diameter (mm)	50	
	Lead	Option	1 2
	mm	10	20
Gear Ratio Option 1	Gear Ratio	8:1	
	Static Efficiency	0.546	0.581
	Dynamic Efficiency	0.645	0.674
Gear Ratio Option 2	Gear Ratio	24:1	
	Static Efficiency	0.348	0.370
	Dynamic Efficiency	0.450	0.470
Max. 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	36.4	68.5
	Gear Ratio Option 2	19.1	35.8

Model		EBT0100 EBR0100	
Capacity	kN	100	
Lifting Screw (mm)		10	20
Turn of worm for travel of lifting screw	Gear Ratio 1	6 Turn	7.5mm 15mm
	Gear Ratio 2	24 Turn	10mm 20mm
Maximum Through Torque (Nm)		347	
Lifting Screw Restraining Torque (Nm)		181	340
Worm Shaft Maximum Radial Load (N)		1000	
Maximum Input Speed (rpm)		1800	
Gear Case Material		SG Iron	
Weight (kg) - stroke = 150mm		EMT	24.3
		EMR	28.8
Weight (kg) - per extra 25mm stroke		EMT	0.58
		EMR	0.36

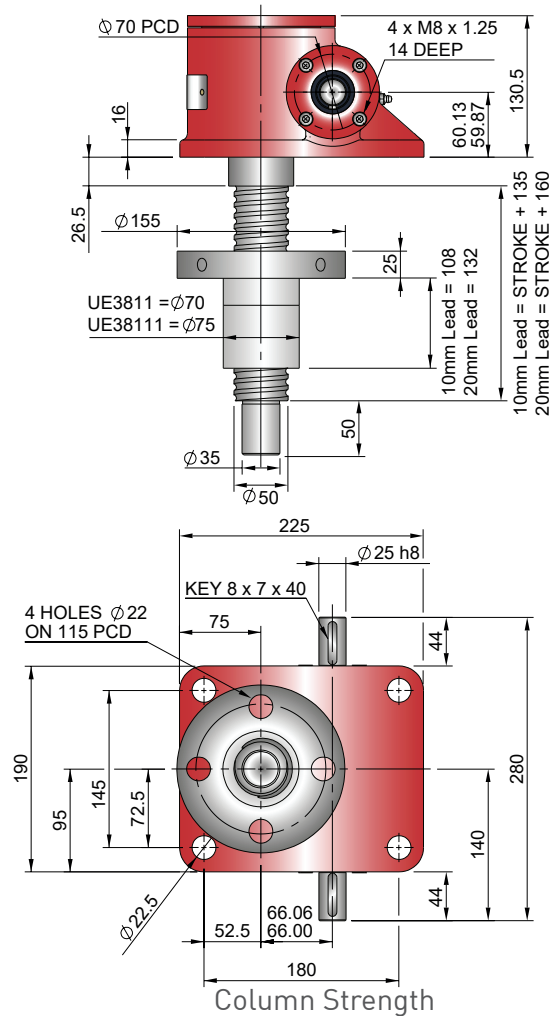
Note: All dimension in millimetres unless otherwise stated.
Designs subject to change without notice



Upright EBR0100-U00



Inverted EBR0100-I00

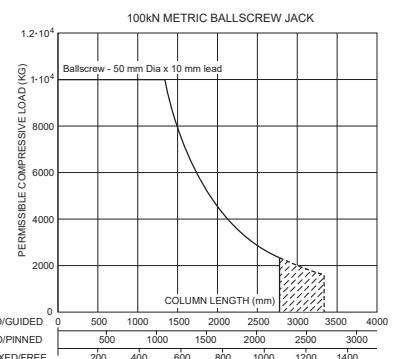
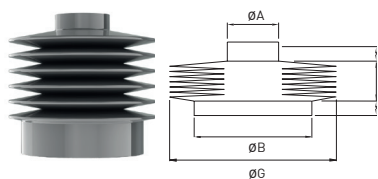


Closed Height & Bellows Boots

Closed Height "C"	Threaded End		Top Plate		Clevis End		Fork End		Rod End						
	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted					
EBT0100	200	80	200	80	245	125	302	182	283	163					
Stroke (mm)	EBT0100 with Bellows Boots														
Lead (mm)	10	20	10 & 20	10	20	10 & 20	10	20	10 & 20	10	20	10 & 20			
1-300	255	285	120	255	285	120	300	330	165	337	367	202	353	383	218
301-600	265	295	130	265	295	130	310	340	175	347	377	212	363	393	228
601-1050	285	315	150	285	315	150	330	360	195	367	397	232	383	413	248
1051-1500	305	335	170	305	335	170	350	380	215	387	417	252	403	433	268

Model	A	B	D	E	G
EBT0100	65	100	15	15	150

Stroke	1-300	301-600	601-1050	1051-1500
EBT0100	20	30	50	70



Note: For 50mm Dia x 20mm lead column strength chart refer to Engineering Guide

Note:

- 1 Inverted Screw Jacks - Bellows Boot Closed Height assumes screw jack mounted on a structure with thickness = 20mm
- 2 Inverted Screw Jacks - Recommended bellows boot mounting plate $\varnothing B \times (E + 5\text{mm})$ 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.

