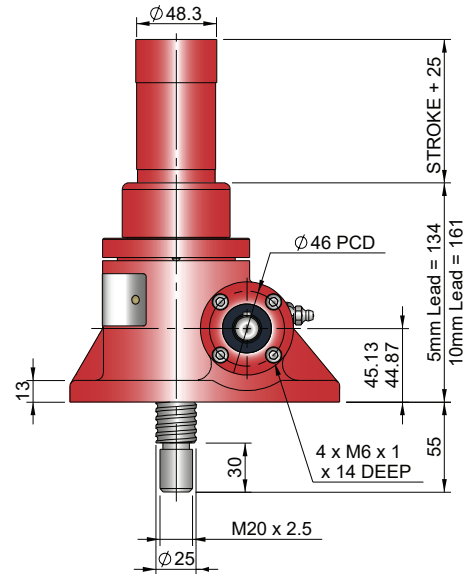
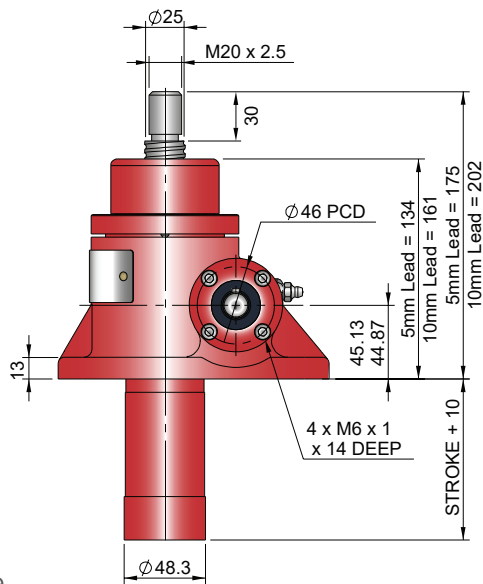
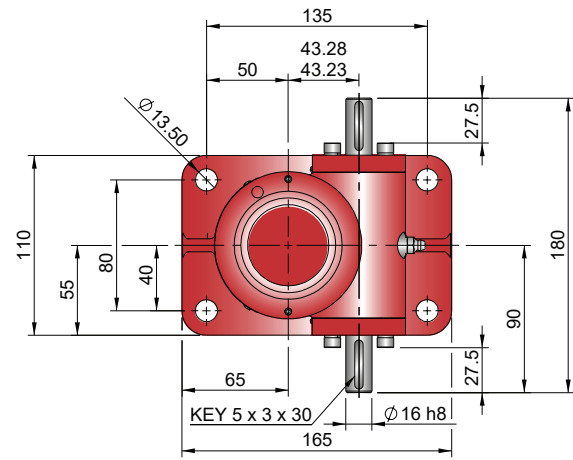
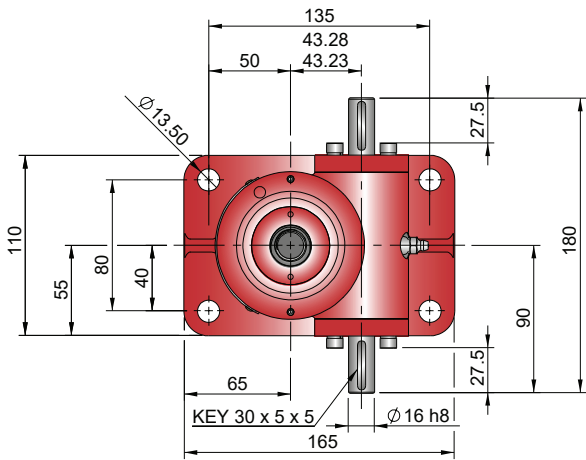


Upright EBT0025-U00

Inverted EBT0025-I00



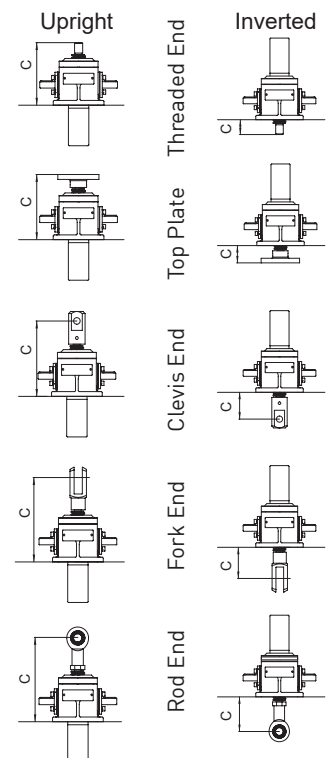
Performance

Closed Height

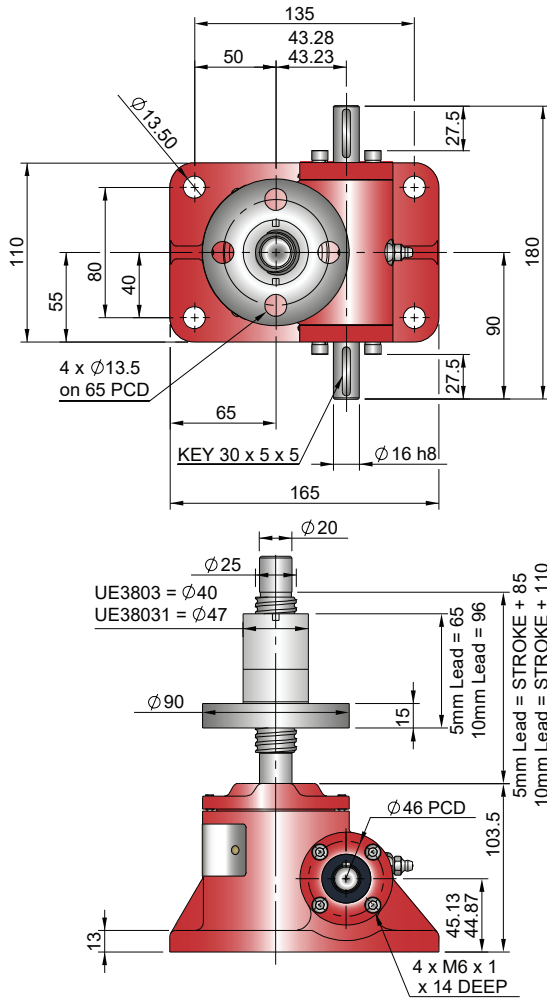
Model		EBT0025 EBR0025	
Capacity	kN	25	
Lifting Screw	Diameter (mm)	25	
	Lead	Option	1   2
		mm	5   10
Gear Ratio Option 1	Gear Ratio	6:1	
	Static Efficiency	0.565	0.600
	Dynamic Efficiency	0.662	0.692
Gear Ratio Option 2	Gear Ratio	24:1	
	Static Efficiency	0.320	0.340
	Dynamic Efficiency	0.419	0.438
Max. Input power (kW)	Gear Ratio Option 1	1.5	
	Gear Ratio Option 2	0.375	
Start up torque at full load (Nm)	Gear Ratio Option 1	5.9	11.1
	Gear Ratio Option 2	2.6	4.9

Model		EBT0025 EBR0025	
Capacity	kN	25	
Lifting Screw Lead (mm)		5	10
Turn of worm for travel of lifting screw	Gear Ratio 1	6 Turn	5mm   10mm
	Gear Ratio 2	24 Turn	5mm   10mm
Maximum Through Torque (Nm)		59	
Lifting Screw Restraining Torque (Nm)		23	43
Worm Shaft Maximum Radial Load (N)		380	
Maximum Input Speed (rpm)		1800	
Gear Case Material		SG Iron	
Weight (kg) - stroke = 150mm	EMT	8.45	
	EMR	8.85	
Weight (kg) - per extra 25mm stroke	EMT	0.21	
	EMR	0.11	

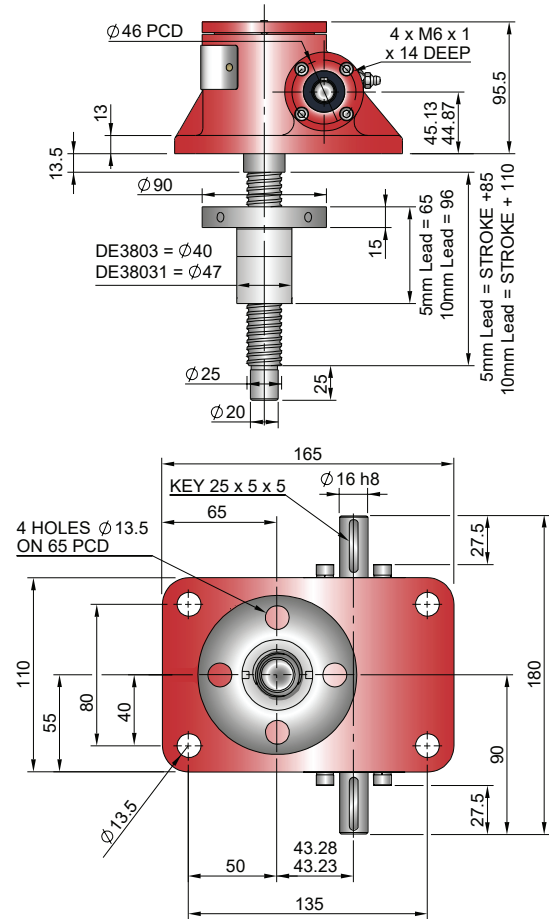
Note: All dimension in millimetres unless otherwise stated.  
Designs subject to change without notice



## Upright EBR0025-U00



## Inverted EBR0025-I00

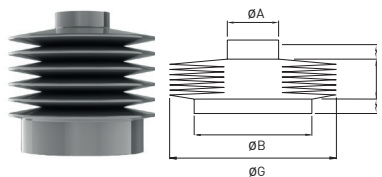


## Closed Height & Bellows Boots

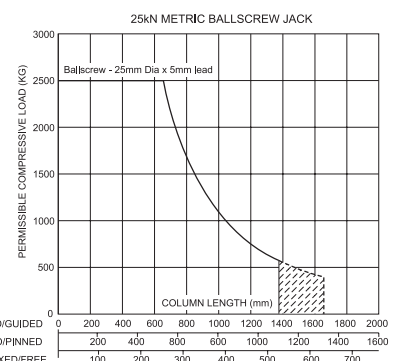
Closed Height "C"	Threaded End		Top Plate		Clevis End		Fork End		Rod End						
	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted	Upright	Inverted					
EBT0025	145	55	145	55	170	80	194	104	190	100					
Stroke (mm)	EBT0025 with Bellows Boots														
Lead (mm)	5	10	5 & 10	5	10	5 & 10	5	10	5 & 10	5	10	5 & 10			
1-300	180	200	100	180	200	100	205	225	125	229	249	149	240	260	160
301-600	190	210	110	190	210	110	215	235	135	239	259	159	250	270	170
601-1050	210	230	130	210	230	130	235	255	155	259	279	179	270	290	190
1051-1500	230	250	150	230	250	150	255	275	175	279	299	199	290	310	210

Model	A	B	D	E	G
EBT0025	40	66	15	15	120

Stroke	1-300	301-600	601-1050	1051-1500
EBT0025	20	30	50	70



## Column Strength



Note: For 25mm Dia x 10mm 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 = 10mm
- 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.

