

## SCREW JACK DATA SHEET

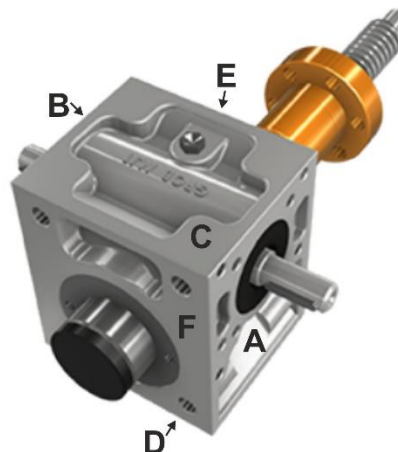
### MJ0 ROTATING SCREW

#### Specifications:

Ratio:	Normal 4:1	Low 20:1
Max lifting force:	2.5kN	2.5kN
Spindle:	TR16x4	TR16x4
Max power:	0.18kW	0.18kW
Stroke per input rev:	1mm	0.2mm
Travel speed with 4 pole motor (approx)	25mm/sec	5mm/sec
Total efficiency:	33.4%	18.7%
Idling torque:	0.03Nm	0.02Nm
Drive torque at max lifting force:	1.5Nm	0.7Nm
Max permissible torque at worm shaft:	10.7Nm	10.7Nm
Gear housing material:	Die Cast Aluminium	Die Cast Aluminium
Weight (less spindle & tube):	0.6kg	0.6kg
Weight of spindle per 100mm:	0.1kg	0.1kg
Amount of grease filling:	0.02kg	0.02kg
Lubrication:	Divinol Lithogrease 1500	Divinol Lithogrease 1500

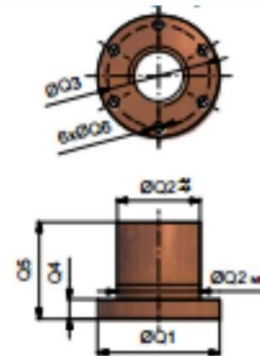
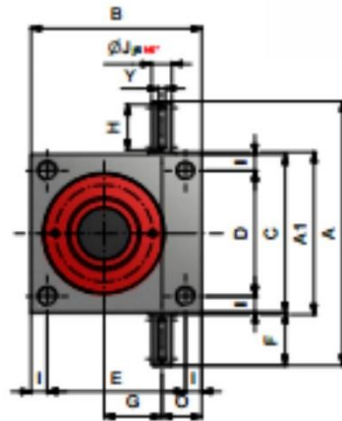
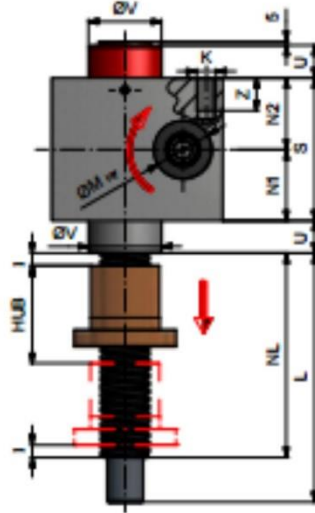
#### Order code:

MJ0-	2	3	4	5	6	7	8	9
2:	Version:	LMN = Normal ratio version LML = Low ratio version						
3:	Installation position:	1F, 2F, 3F, 4F, 5F, 6F, 1E, 2E, 3E, 4E, 5E, 6E						
4:	Spindle:	TR16x4 = trapezoidal KGT = ball screw (16x5; 16x10)						
5:	Stroke:	0000mm						
6:	Travelling nut	EFM = standard; KGF = ball screw nut						
7:	Spindle end:	Z = journal; FPL = mounting flange bearing						
8:	Accessories:	A or B = mounting side of motor; BL = mounting feet; FB = folding bellows (1FB = bellows one side of travelling nut; 2FB = bellows both sides of travelling nut); KP = trunnion adaptor; MG = motor adaptor; RP = flexible coupling; SFM = safety nut; KAN = nut trunnion adaptor; gimbal mount						
9:	Special requirements:	As specified						



**Dimensions:**

A:	94mm
A1:	56mm
B:	64mm
C:	54mm
D:	38mm
E:	48mm
F:	20mm
G:	22.62mm
H:	16mm
I:	8mm
J dia:	9mmj6
K:	M6
M dia:	26mmH7
N1:	25mm
N2:	25mm
O:	17.38mm
S:	50mm
U:	12mm
V dia:	30mm
Y:	3mm
Z:	11mm
J:	10mm
Flanged travelling nut:	
Q1 dia:	45mm
Q2: dia	25mm
Q3 dia:	35mm
Q4:	10mm
Q5:	25mm
Q6 dia:	6mm
Motor adaptor mounting holes:	
4 off K1:	M5
TK pcd:	35mm



**Materials:**

Component	Standard	Optional
Gear housing:	Die cast aluminium 3.2582	Stainless steel V4A; anodised; painted
Worm shaft:	Steel ETG100	Stainless steel V4A, V2A
Spindle:	C35 Steel 1.0501	Stainless steel V4A, V2A
Bearing cover:	C45 Steel 1.0503	Stainless steel V4A; zinc plated; painted

V4A = 1.4571      V2A = 1.4305