

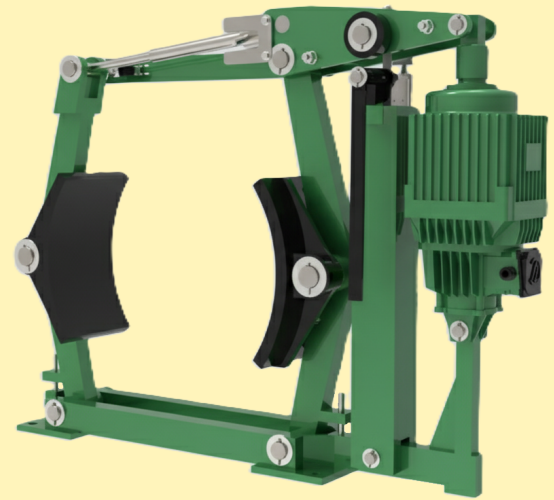
Thruster Brake Eldy SMG (710-201/06)STD



TECHNICAL DATA

ITEM	BRAKE	THRUSTER
MODEL	SMG 710-201/06 STD	ELDY - 201/06
DRUM DIA	710 mm	-----
SHOE WIDTH	255 MM	-----
BRAKE SHOE	Aluminum + Asbestos free Liner	-----
FRICTION COEFFICIENT	μ 0.42	-----
BRAKING TORQUE	630Kg-m - 6300 Nm	-----
THRUST	-----	201Kg / 2010 N
STROKE	-----	60 mm
OIL + CAPACITY	-----	Transformer Oil IS - 335 (10 Liters)
RATED VOLTAGE	-----	415 V ± 10% 50 Hz 3Ph AC
CURRENT	-----	1.4 Amps (±2%)
INSULATION	-----	F Class
INGRESS PROTECTION	-----	IP - 65 IS/IEC 60529 (2001)
AMBIENT TEMP	-----	50° C
POWER	-----	485 Watt (±2%)
WEIGHT	237 Kg	35 Kg

* Non-Standard voltages available on enquiry



SELECTION OF BRAKE SIZE

SMG Thruster brakes are steel fabricated frames with Eldy Thruster as per din standard.

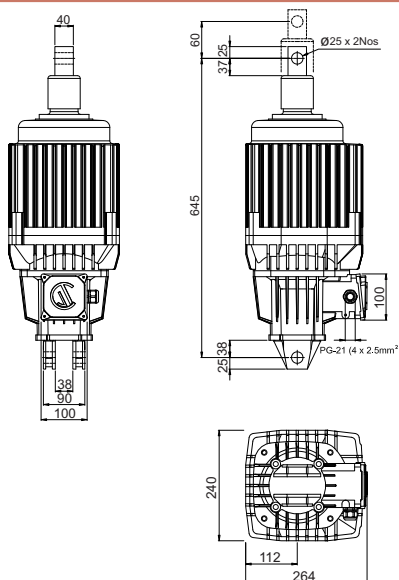
Excellent designs & good manufacturing process ensure a reliable product.

The brake torque must be $\geq$ than motor full load as referred with drum. Formula as below:

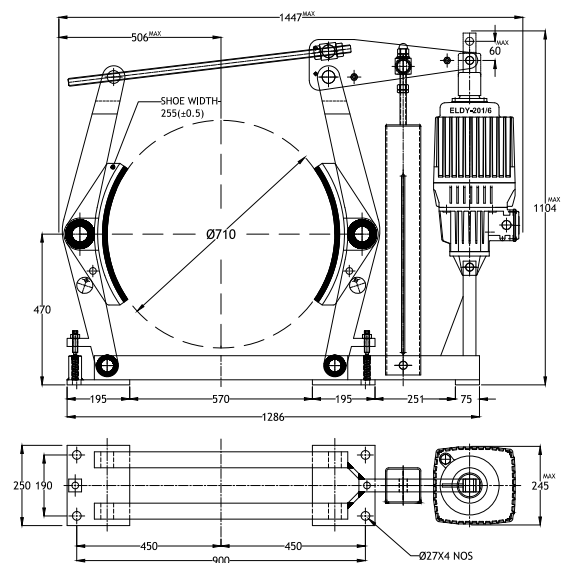
$$T = \text{Torque in Kgm} = \frac{716 \times \text{Hp}}{\text{rpm}}$$

$$T = \text{Torque in Nm} = \frac{9552 \times \text{Kw}}{\text{rpm}}$$

Where Hp/Kw = motor output & rpm = Rev/minute



ELDY 201-06



SMG-710-201/06-STD-GA1

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