

Electromagnetic Disc Brake

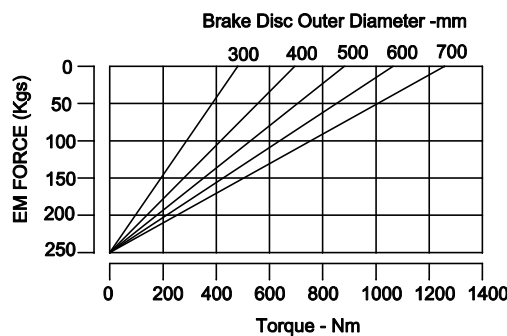
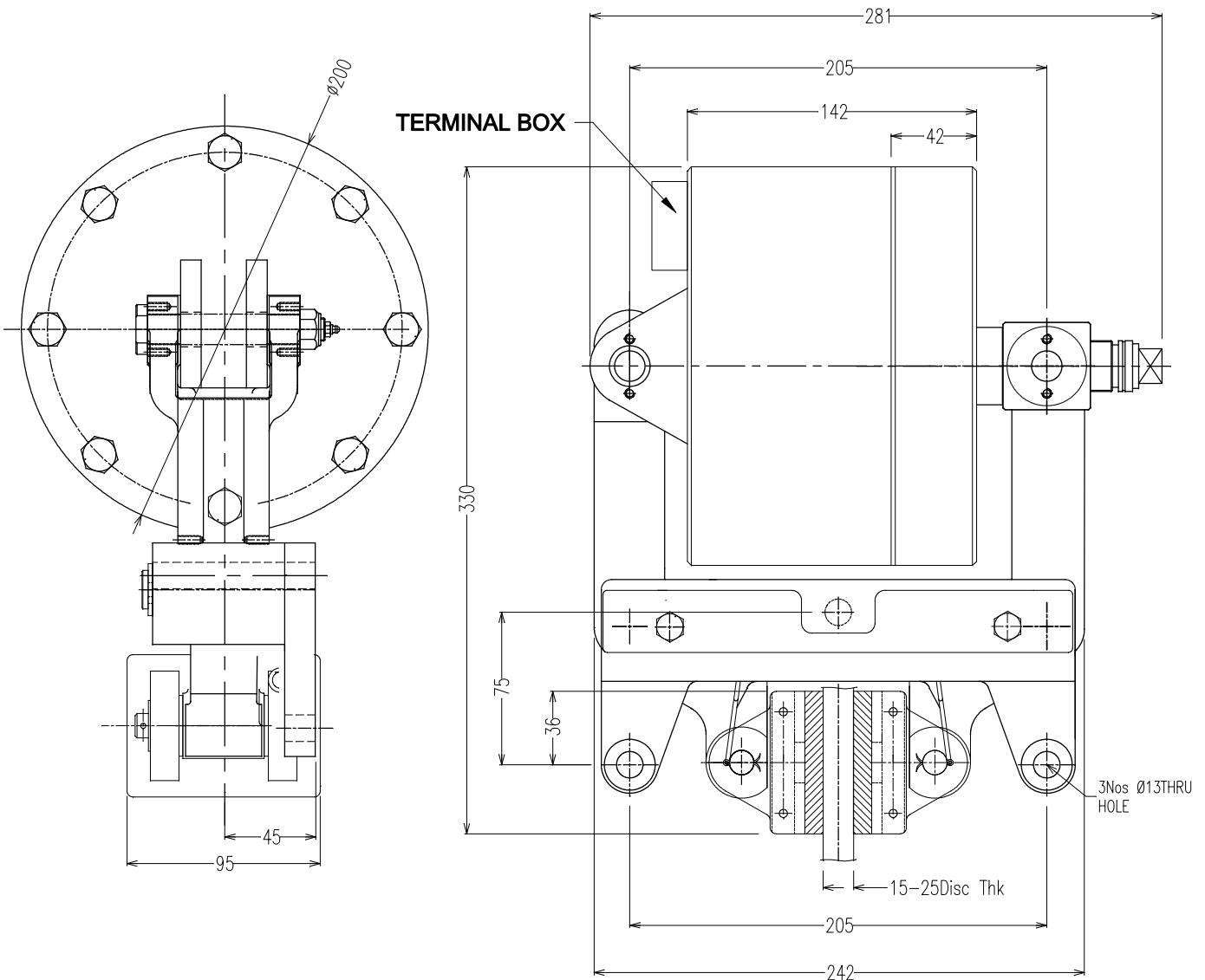
MODEL:

Data Sheet No.

Spring Applied - Electromagnetically Released

Kbc-EM-250

DSO1213/R2



Electromagnetic Thruster Data	
Pulling Voltage	150 VDC ±10%
Holding Voltage	20 VDC ±10%
Pulling current	15 Amps max.
Holding current	3 Amps max.
Thruster Force	250 kgf Max.
Stroke length	6mm Max.
No. Actuation	1800 cycles/hr.
Response time	0.2 Sec
Weight	30 kgs Appx.

Note: Design & data is subjected to change due to continuous product development

Pad Width - mm	60	Min. Clamping Force (Fc-min.)- N	
Pad Area - sq.mm	10,200	Max. Clamping Force - N (Fc-max.)	4750
Max. allowable wear of brake pad - mm	5	Min. Braking Force (Fb-min.)- N	
Nominal co-efficient of friction - mu	0.4	Max. Braking Force (Fb-max.)- N	3800
Max. Air Gap - mm	0.5	Operating Pressure normal/max. - bar	
Weight - kg.	30appx	Air / Oil Consumption - cc	



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