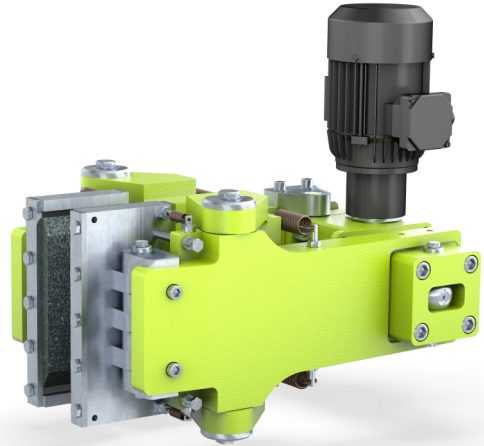


Electro-mechanical applied disc brake

Dellner Brakes model SKDe 100 is an electro-mechanical, direct acting, pliers type of brake. The brake consists of two lever arms with electrically powered engagement and disengagement. The lever arms generate the brake force at a ratio of 1:3,2.

The standard disc thickness is 30 mm. For use with thicker brake discs, the brakes can be supplied with spacers.



Model	Braking force ¹⁾ F_{max} [N]	Engaging time ²⁾ [s]	Friction area per brake [cm ²]	Electrical power [440VAC] [kW]	Weight [kg]
SKD e100	129200	4,5	510	1,4	200

1) Calculated with an average frictional coefficient $\mu=0,42$. Consideration has not been taken for external factors.

2) Time to engage the brake to full braking force with air gap 4+4mm and new friction pads.

