

SE engine test beds (braking dynamometers) with MP Computer

based on water-cooled eddy-current brakes

Size	max. torque in the speed range	max.power from speed	max. speed	inertia
SE 20	80 Nm 1,400...2,400 rpm	20 kW 2,400 rpm	10,000 rpm	0.0125 kg m ²
SE 30	95 Nm 1,800...3,000 rpm	30 kW 3,000 rpm	14,000 rpm	0.0168 kg m ²
SE 80	160 Nm 2,000...4,800 rpm	80 kW 4,800 rpm	14,000 rpm	0.0275 kg m ²
SE 150	500 Nm 1,800...2,900 rpm	150 kW 2,900 rpm	12,000 rpm	0.093 kg m ²
SE 250	1,200 Nm 1,000...2,000 rpm	250 kW 2,000 rpm	8,000 rpm	0.464 kg m ²
SE 400	2,000 Nm 700...1,900 rpm	400 kW 1,900 rpm	8,000 rpm	0.872 kg m ²
SE 500	3,000 Nm 750...1,600 rpm	500 kW 1,600 rpm	7,500 rpm	2.196 kg m ²
SE 720	4,500 Nm 500...1,600 rpm	720 kW 1,600 rpm	3,750 rpm	5.3 kg m ²

Indications of speed ranges are only approximate.

Exactly: max. power [kW] x 9,549 / max. torque [Nm]

= upper speed limit [rpm] for max. torque

= lower speed limit [rpm] for max. power

Example SE 250: max. 250 [kW] x 9,549 / max. 1,200 [Nm] = 1,989 [rpm]

For further technical details please contact us.

Subject to change !

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