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Product Name :
CRP Dynamometers

Product Code :
LBNY-0005-19700011



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Description :

It is therefore possible to control the speed of the forward and the rear dynamometer independently from each other. All 3 CRP dynamometer types have separate driveshafts for the forward and rear dynamometer to facilitate the connection of two motors. Alternatively, the two driveshafts can be connected through a gearbox normally with a transmission ratio of 1:1 so that it is possible to drive both the forward and the rear dynamometer at the same speed in opposite directions, from one motor.

Technical Specification :

Sensitivity at rated torque and thrust, output voltage/supply voltage, approximately: 1.5 mV/V
Maximum speed (provided that suitable drive equipment is available): 1800 rpm
Current supply for the measuring system (constant voltage): d.c. or a.c.
Rated torque: ± 7 Nm
Rated thrust: ± 250 N
Torque measurement:
Recommended supply voltage: up to 8V
Max. supply voltage: 20V
Thrust measurement:
Input bridge resistance, approximately: 133 Ω
Output bridge resistance, approximately: 120 Ω
Input bridge resistance, approximately: 274 Ω
Output bridge resistance, approximately: 240 Ω
Recommended supply voltage: up to 6V
Max. supply voltage: 10V

Maximum speed (provided that suitable drive equipment is available): 1800 rpm
Current supply for the measuring system (constant voltage): d.c. or a.c.
Sensitivity at rated torque and thrust, output voltage/supply voltage, approximately: 1.5 mV/V
Net weight without calibration device, approximately: 17 kg
Rated torque: ± 3 Nm
Rated thrust: ± 30 N
Torque measurement:
Recommended supply voltage: up to 8V
Maximum speed (provided that suitable drive equipment is available): 1800 rpm
Current supply for the measuring system (constant voltage): d.c. or a.c.
Sensitivity at rated torque and thrust, output voltage/supply voltage, approximately: 2 mV/V
Max. supply voltage: 20V
Input bridge resistance, approximately: 133 Ω
Output bridge resistance, approximately: 120 Ω
Input bridge resistance, approximately : 274 Ω
Output bridge resistance, approximately: 240 Ω
Recommended supply voltage: up to 6V
Max. supply voltage: 10V
Rated torque: ± 24 Nm
Rated thrust: ± 700 N
Net weight without calibration device: 17 kg.



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