

Rigid Chain Actuator Datasheet · 30A-100A

Jiangsu Zhonghui Intelligent Manufacturing Co., Ltd. · Xinyi Economic Development Zone, Jiangsu, China · Manufacturing since 2012

Parameter	30A	35A	40A	60A	80A	100A
Max. static load / allowed travel	10 kN / 1.2 m	12 kN / 1.5 m	40 kN / 2 m	90 kN / 2 m	130 kN / 2 m	200 kN / 3.5 m
Allowed static load / max. travel	10 kN / 1.2 m	12 kN / 1.5 m	25 kN / 4 m	35 kN / 5 m	35 kN / 8 m	20 kN / 10 m
Max. dynamic load / allowed travel	8 kN / 1.2 m	10 kN / 1.5 m	30 kN / 2 m	60 kN / 2 m	95 kN / 3 m	150 kN / 5 m
Allowed dynamic load / max. travel	8 kN / 1.2 m	10 kN / 1.5 m	15 kN / 4 m	25 kN / 5 m	35 kN / 8 m	20 kN / 10 m
Rated speed	150 mm/s	200 mm/s	300 mm/s	300 mm/s	300 mm/s	300 mm/s
Minimum installation height	200 mm	226 mm	370 mm	450 mm	550 mm	650 mm
System efficiency	80%	80%	80%	80%	80%	80%
Chain weight	10 kg/m	12 kg/m	32.4 kg/m	36 kg/m	49 kg/m	68.5 kg/m
Chain pitch	30 mm	30 mm	30 mm	60 mm	80 mm	100 mm
Drive unit weight	13 kg	15.9 kg	55 kg	86 kg	151 kg	232 kg
Pinion pitch radius	30 mm	44 mm	40 mm	60 mm	80 mm	100 mm
Chain storage box weight	2.5 kg/m	4 kg/m	14 kg/m	14 kg/m	18.3 kg/m	23.7 kg/m
Rise per revolution	188 mm	270 mm	251 mm	360 mm	480 mm	600 mm

Values are catalogue data for selection. Load, travel, speed, mounting and control are confirmed for each project against the approved drawings. Send load, travel, speed and installation space for engineering review.

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