



DI-MA

Via Caravaggio, 6 – 35020 Albignasego (PD) / ITALY

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DAML series

Linear Actuator flexible screw pitch 3.5

Linear Actuator datas:

Gearbox Housing : zamac die-casting
 Gears : helical teeth cutting gears or straight teeth sintered gears
 Motor : d.c. permanent magnet motor with carbon brushes
 Flexible screw : diameter 6mm pitch 3.5
 Working temperature : -10°C ~ + 60°C
 Options : a) Hall sensor magnetic encoder – b) Thermal protector.

Linear Actuator performances:

<u>Model</u>	Gear Ratio	Voltage	No Load Speed	No Load Current	Nominal Load	Nominal Current	Maximum Load	Stall Current
		Volt	mm/s	Amp	Kg.	Amp	Kg.	Amp
DAML 0 A	1:12	12.0	13.0	≥0.08	1.50	≥0.40	3.00	≤ 0.65
		24.0	25.0	≥0.15	3.00	≥0.70	6.00	≤ 1.40
DAML 0 B	1:27	12.0	6.0	≥0.08	3.50	≥0.40	7.00	≤ 0.65
		24.0	11.5	≥0.15	6.50	≥0.70	14.00	≤ 1.40
DAML 0 C	1:48	12.0	3.0	≥0.08	7.00	≥0.40	15.00	≤ 0.65
		24.0	6.0	≥0.15	13.00	≥0.70	28.00	≤ 1.40
DAML 0 E	1:108	12.0	1.5	≥0.08	15.00	≥0.40	30.00	≤ 0.65
		24.0	3.0	≥0.15	30.00	≥0.70	60.00	≤ 1.40

**** FOR REFERENCE ONLY****



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<u>Model</u>	Gear Ratio	Voltage	No Load Speed	No Load Current	Nominal Load	Nominal Current	Maximum Load	Stall Current
		Volt	mm/s	Amp	Kg.	Amp	Kg.	Amp
DAML 1 A	1:12	12.0	18.0	≥0.15	3.50	≥0.60	7.50	≤ 1.50
		24.0	36.0	≥0.20	7.00	≥1.00	17.00	≤ 2.80
DAML 1 B	1:27	12.0	8.0	≥0.15	8.00	≥0.60	15.00	≤ 1.50
		24.0	16.0	≥0.20	15.00	≥1.00	25.00	≤ 2.80
DAML 1 C	1:48	12.0	4.5	≥0.15	20.00	≥0.60	40.00	≤ 1.50
		24.0	***	***	***	***	****	***

<u>Model</u>	Gear Ratio	Voltage	No Load Speed	No Load Current	Nominal Load	Nominal Current	Maximum Load	Stall Current
		Volt	mm/s	Amp	Kg.	Amp	Kg.	Amp
DAML 2 A	1:12	12.0	28.0	≥0.18	10.00	≥1.20	20.00	≤ 4.50
		24.0	55.0	≥0.23	21.00	≥2.20	38.00	≤ 8.40
DAML 2 B	1:27	12.0	13.0	≥0.18	18.00	≥1.20	40.00	≤ 4.50
		24.0	***	***	***	***	***	***

<u>Model</u>	Gear Ratio	Voltage	No Load Speed	No Load Current	Nominal Load	Nominal Current	Maximum Load	Stall Current
		Volt	mm/s	Amp	Kg.	Amp	Kg.	Amp
DAML 3 A	1:12	12.0	36.0	≥0.50	22.00	≥2.00	40.00	≤ 5.00

☼ Possibility to customized the electric performances as per the customer request. ☼

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