



**DI-MA**

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## **DAVSF 1 series**

*Linear Actuator screw pitch 3*

*Linear Actuator datas:*

- Gearbox Housing : zamac die-casting
- Gears : worm gear in C40, wheel in POM
- Motor : d.c. permanent magnet motor with carbon brushes
- Standard screw : AISI 430F TR8.8 x 3
- Working temperature : -10°C ~ + 60°C
- Options : a) Hall sensor magnetic encoder – b) screw  $\varnothing$  9.8mm pitch 3 – c) bronze nut – d) different screw material.

*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
<b>DAVSF 1 A</b>	1:15	12.0	8.0	$\geq 0.08$	12.00	$\geq 0.40$	30.00	$\leq 2.10$
		24.0	15.0	$\geq 0.12$	22.00	$\geq 0.60$	50.00	$\leq 3.60$
<b>DAVSF 1 B</b>	1:30	12.0	4.0	$\geq 0.08$	25.00	$\geq 0.40$	64.00	$\leq 2.10$
		24.0	7.5	$\geq 0.12$	45.00	$\geq 0.60$	100.00	$\leq 3.60$
<b>DAVSF 1 C</b>	1:45	12.0	2.5	$\geq 0.08$	40.00	$\geq 0.40$	95.00	$\leq 2.10$
		24.0	5.0	$\geq 0.12$	75.00	$\geq 0.60$	160.00	$\leq 3.60$

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

☼☼☼ **Possibility to supply with brushless motor** ☼☼☼

**\*\* FOR REFERENCE ONLY \*\***