


Technical data

	
Available input voltages [Vdc]	12, 24 or 36
Screw type	Worm
Max. static load at fully retracted [N]	
DF ••• 10W51	4000
DF ••• 10W52	2000
DF ••• 10W54	1000
Min. / max. standard stroke [mm]	100 / 400
Duty cycle @ 20° C [%]	25
Temperature limits at operation [°C]	- 30 to + 65
Protection degree	IP56
Max. end play [mm]	
DF ••• 10W51	0,5
DF ••• 10W52	0,5
DF ••• 10W54	1,2
Stall current [A]	
DF12	50
DF24	25
DF36	17
Restraining torque [Nm]	–
Wire cross section [mm ²]	1,5
Wire length [mm]	1000
Connector included	on request

Features

- Lightweight, flexible and durable
- Motor with auto reset thermal overload protection
- Anti rotation mechanism
- Estimated life is min. 40 000 cycles
- Vent tube
- Can operate in a large temperature range
- Speed up to 70 mm/s
- IP56
- Accepts large input voltage variations
- Maintenance free

Options

- Adjustable end of stroke limit switches
- Potentiometer feedback

Engineering notes

- No clutch

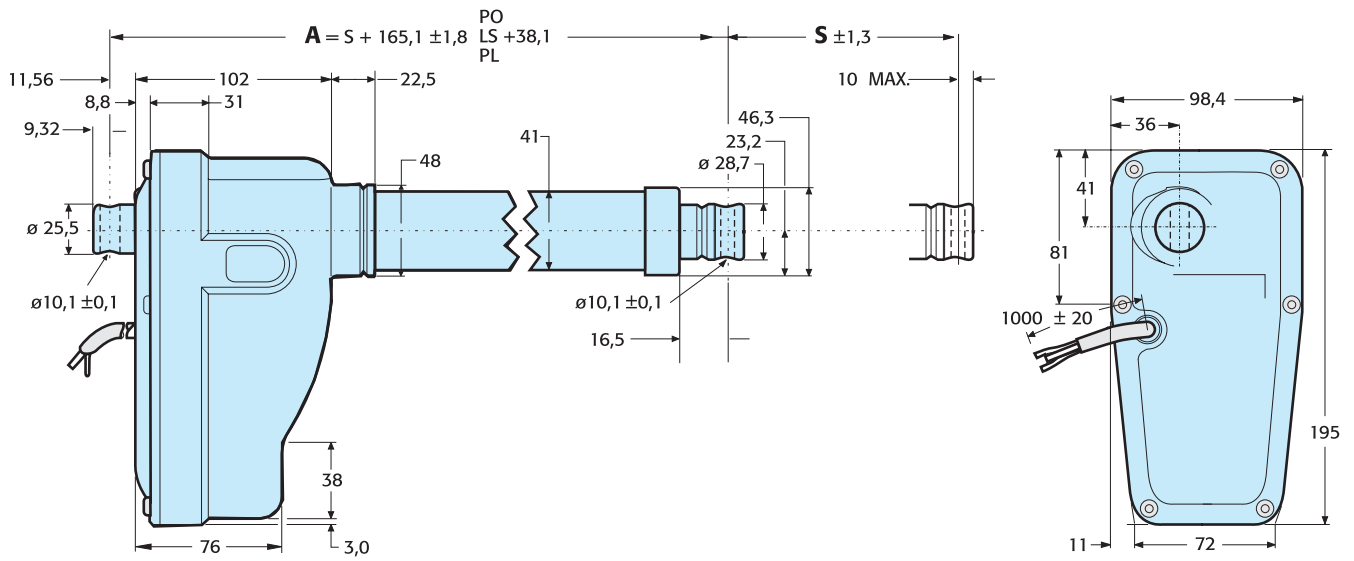
Performance table

Model	Max. dynamic load [N]	Speed @ min. load [mm/s]	Speed @ max. load [mm/s]
DF12–10W51	2000	19	13
DF24–10W51	2000	19	13
DF36–10W51	2000	19	13
DF12– 10W52	1000	35	25
DF24–10W52	1000	35	25
DF36–10W52	1000	35	25
DF12–10W54	500	71	51
DF24–10W54	500	71	51
DF36–10W54	500	71	51

Standard strokes

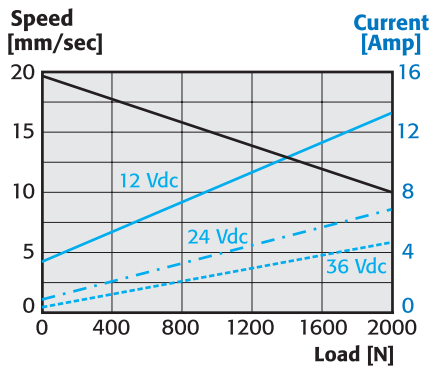
Ordering stroke [cm]	Actual stroke S [mm]
10	100
15	150
20	100
25	250
30	300
35	350
40	400

Dimensions

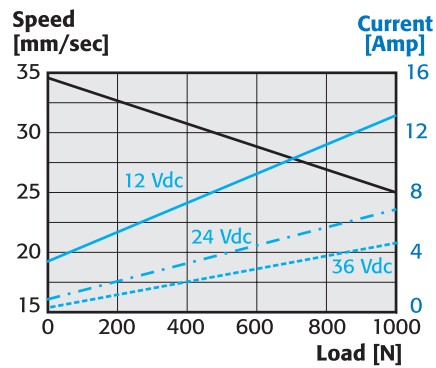


Performance diagrams

DF •••• 10W51



DF •••• 10W52



DF •••• 10W54

