



SONESSE 30 DRY CONTACT TECHNICAL DATA

SDEV-FICA 156R4 E

Sonesse 30 DCT R4

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Nominal voltage (VDC)	24 (Regulated)	
Power supply tolerances (VDC)	20 to 28	
Thermal protection	2.5 minutes (software management)	
Motor power cable wires	2 conductors	
Motor power cable section (mm ²)	0.2 (or AWG 24)	
Motor power connector	JST - 2 pins, 2mm pitch	
Motor power cable length provided	2.5 meters	
DCT cable wires	4 conductors	
DCT cable section (mm ²)	0.2 (or AWG 24)	
DCT connector	JST - 4 pins, 2mm pitch	
DCT cable length provided	2.5 meters	
End limit adjustment	Using DCT setting tool or standard 3-button dry contact switch	
Capacity of Limit Switch Unit	35 turns each directional rotation at maximum speed	
Repeatability	+/- 5 degree	
Insulation class	III	
Control	DCT Dry Contact Input	
Coding	None	
Motor Tube Interfaces	See Somfy Catalog	
Electromagnetic compatibility	CEI 1000-4-2	8kV
	CEI 1000-4-3	10V/m
	CEI 1000-4-4	4kV
	CEI 1000-4-5	3kV
	CEI 1000-4-6	3V/m
	CEI 1000-4-8	3A/m
	EN 55014-1 & 2	
Safety & Health compliance	EN 60335-1 & 2 EN 50366	
Intrusion Protection (IP)	30	
Operating Temperature (inside end product)	0°C to + 60°C (32°F to 140°F)	
Storage Temperature (Warehouse, Shipping)	-30°C to 80°C (-22°F to 176°F)	
Noise Level	According to SOMFY measurements (Pressure level measured at 1m from the end product).	

Note: All data measured at Room Temperature (25C / 77F) and Nominal Voltage (24 VDC)

Designation	Nominal torque (Nm)	Regulated Speed at Nominal Torque (rpm) +/-2	Stall torque (Nm)	Minimum Tube Inside Ø (mm)	Current at nominal torque (A)	Max Start Current at nominal torque (A)	Max Current at Nominal torque - prog. Mode (A)	Current at stall torque (A)	Maximum Input power per motor (A)	Weight of Motor without cables (Kg)	Noise (dBA)			
Sonesse 30 DCT	2	28	3,5	31	0.8	1,8	3,2	1,6	1,6	0,5	44			
	17.7 Lb-in		31 Lb-in			(<300ms)	(<300ms)			1.1 Lb				



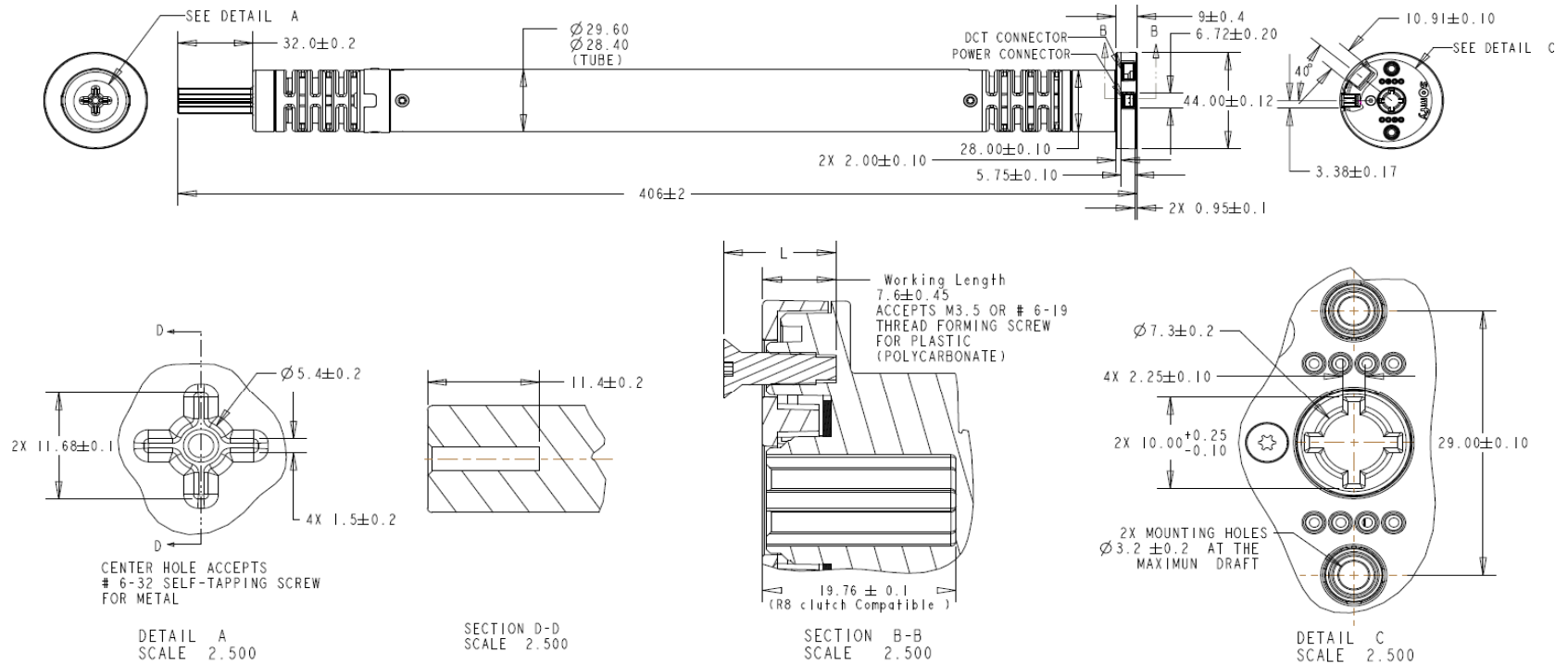
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NOTE:
LENGTH "L" SHOULD BE LONG ENOUGH TO HOLD
BRACKET FOR DEFINE WORKING LENGTH.

THE SCREW HEAD TYPE SHOULD BE DETERMINED BASED
ON THE TYPE OF BRACKET TO BE USED