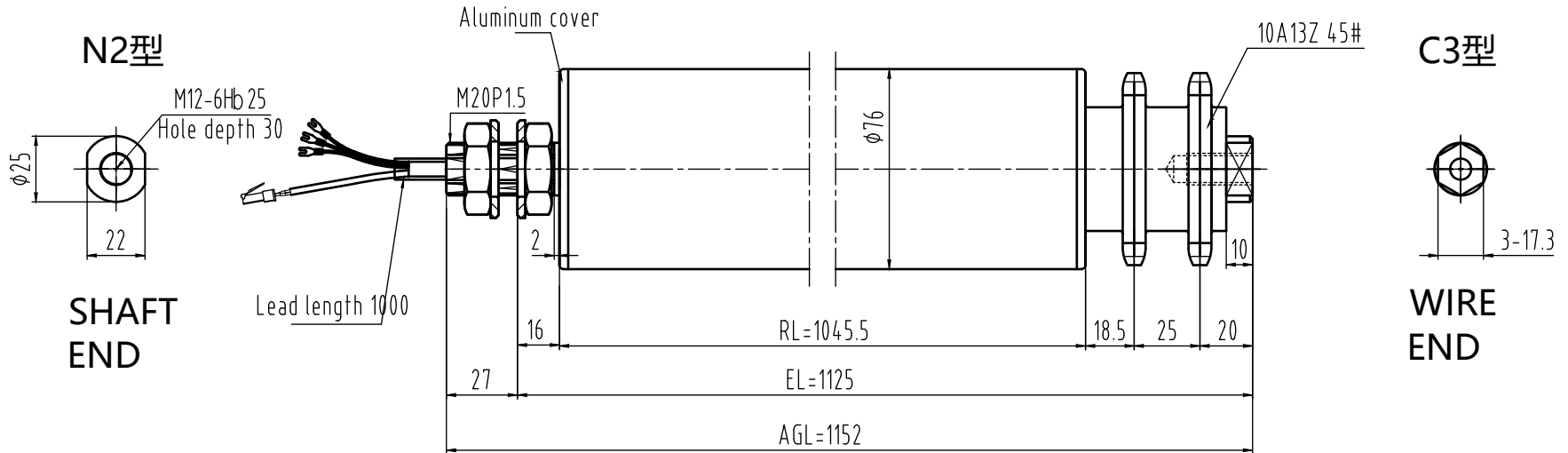


category: DGBL → Diameter: 76 → Motor power: 300W → Control card type: D → Voltage: 48V → Linear velocity: 17M/MIN → Cylinder length: 1045.5L → Cylinder material: S3 → Linkage mode: L → Outlet end shaft: C3 → Tail shaft: N2



REMARK:
 Power wire: 3*13 Awg
 Hall signal wire: 6*24Awg

TECHNICAL REQUIREMENT

1. The basic parameters of the motor are as follows;
2. The motor conforms to GB12350 "Safety requirements for small power motors";
3. Material: Cylinder SUS304;
4. Clean assembly, no scratches on the surface of the drum, smooth operation, The voice is harmonious without obvious dissonance;

Electrical parameters


Rated voltage	48V	Insulation grade	B 级
Rated current	7.9A	IP Grade	/
Rated power	300W	Work environment	-10~+50℃湿度≤35%
Rated speed of motor	3500RPM	Rated torque	30.00N·M
Reduction ratio	i=1:48.6	Noise	≤60dB L=1米

Motor winding conector

Pin number	Color	Function
Pin 1	Yellow	Phase U
Pin 2	Green	Phase V
Pin 3	Blue	Phase W

Hall sensor conector

Pin number	Color	Function
Pin 1	Red	Power +5V
Pin 2	Black	GND
Pin 3	Yellow	HA
Pin 4	Green	HB
Pin 5	Blue	HC
Pin 6	White	NTC

Project No.: 80768	Part No.: DGBL76-300W-D-48V	Material	REV A
Description: DC Drum Motor		Weight	Scale 1:1
 www.elmeq.com		Design: 2022/06/21	
		Approve:	



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