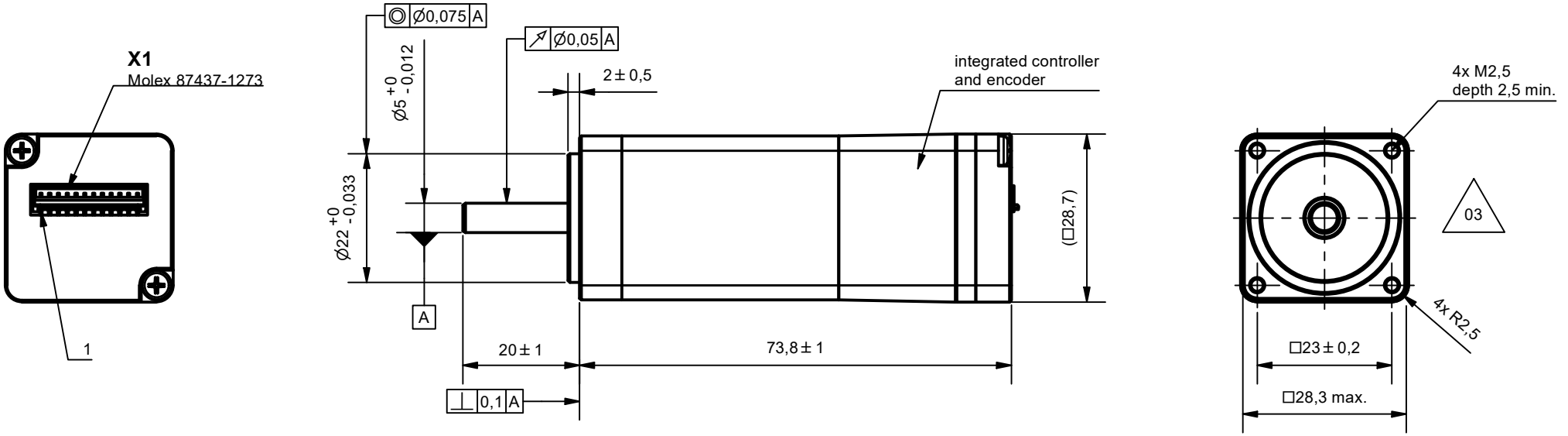
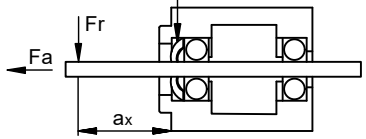


X1	
Pin No.	Function
1	Output 1 (Push-pull)
2	Output 2 (Push-pull)
3	Input 1 (+5V/+24V)
4	Input 2 (+5V/+24V)
5	Input 3 (+5V/+24V)
6	Analog Input (0-30V) / Input 4
7	CAN_H
8	CAN_L
9	Reserved
10	Reserved
11	+UB
12	GND

03

A-Shaft — Preload Spring — B-Shaft



Max. Axial Force	Fa	N	7
Max. Radial Force	Fr (a1= 5 mm)	N	28
Max. Radial Force	Fr (a2= mm)	N	-/-
Axial Play	Fa= N	mm	0.08
Radial Play	Fr = N	mm	0.02

MOTOR SPECIFICATION		
Min. Operating Voltage	V DC	12
Max. Operating Voltage	V DC	30
Current per Winding	A	1.5
Holding Torque	Nm	0.18
Step Angle ±5%	°	1.8
Rotor Inertia	x10^{-6} kg m²	0.9
Singleturn Encoder Resolution	cpr	4096

03

GENERAL MOTOR SPECIFICATION		
Interface		CANOPEN
Ambient Temperature	°C	-10 ... +40
Max Ambient Humidity (non condensing)	%	85
Insulation Class		B
Insulation Resistance	MΩ	100
Dielectric Strength (for 1 min - coil to case)	V AC	500
Protection Class (exept shaft outlet)		IP20

ISO 8015	ISO 1302	ISO 2768 mK	ISO 13715

					Date	Name
				Drawn	04.01.2023	Pinther._M
03	Pin Function, Format	Rehse_P	17.05.2024	Reviewed	25.08.2023	Rehse_P
02	MFrame, Cover, Tables	Rehse_P	29.11.2023	Released	25.08.2023	Rehse_P
01	Updated Parts	Rehse_P	12.10.2023			
REV	Rev. Text	Name	Date			

Yanlanmc® For smarter equip

Weight: ±10% 0.22 kg

PD1-C281L15-E-20-2-CYL

20001836

Scale: 1 : 1

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