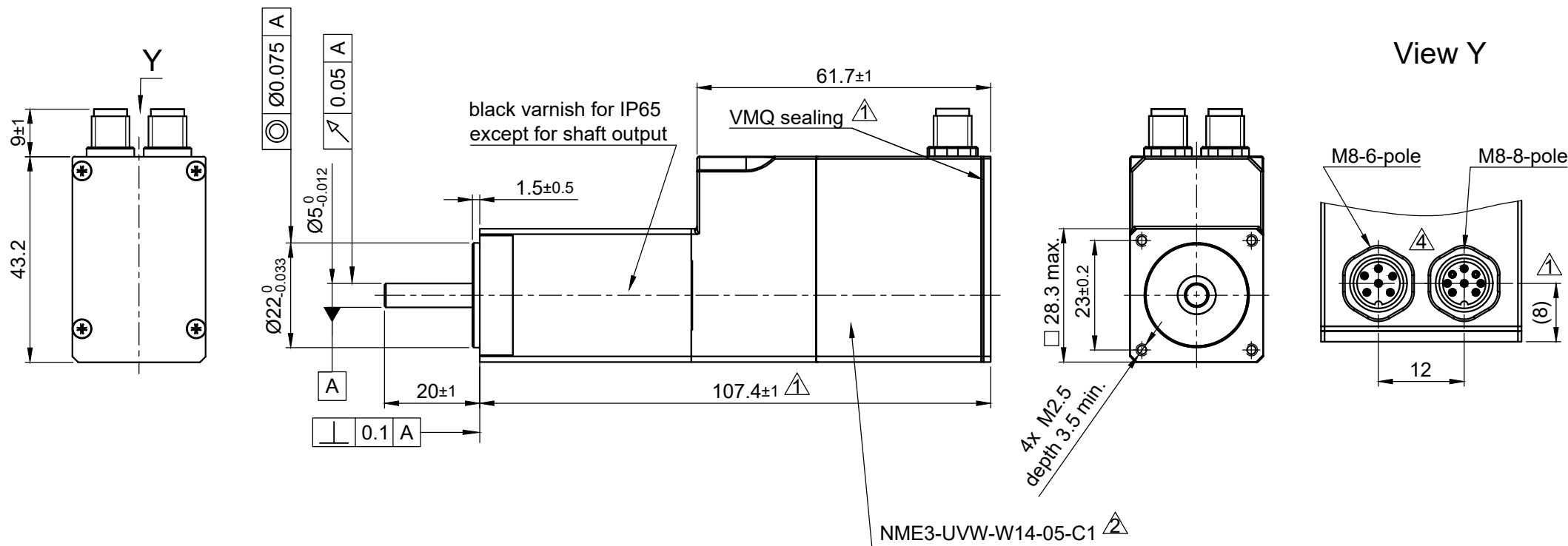




BRAKE SPECIFICATION		
Power Consumption	W	8
Static Brake Torque	Nm	0.2
Operating Voltage	V DC	24-30
see Datasheet Brake for more Details		

ENCODER SPECIFICATION			
Operating Voltage		V DC	5
Resolution		cpr	4096
Resolution (cpr with quadrature)		ppr	16384
No. of Channels			3
Signal Type		incremental	
Index / Line Driver		yes / yes	
see Datasheet Encoder for more Details			

GENERAL MOTOR SPECIFICATION		
Ambient Temperature	°C	-10 ... 50
Max. Temperature Rise (at standstill - 2 phases energized)	°C	80
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 (except shaft outlet)		IP65

M8 / 6-Pole / A-Coding / male	
Pin No.	Function
1	A\
2	A
3	B
4	B\
5	Brake +UB
6	Brake GND
cable shield on housing	

M8 / 8-Pole / A-Coding / male	
Pin No.	Function
1	A
2	A\
3	B
4	B\
5	GND
6	I\
7	I
8	+UB
cable shield on housing	

A-Shaft	Preload Spring	B-Shaft
Max. Axial Force F_a	N	15
Max. Radial Force F_r ($a_1 = 5 \text{ mm}$)	N	58
Max. Radial Force F_r ($a_2 = 20 \text{ mm}$)	N	20
Axial Play $F_a = 4.5 \text{ N}$	mm	0.08
Radial Play $F_r = 4.5 \text{ N}$	mm	0.02

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715		Replacement for drawing from 27.11.2020		Weight ±10% 0.35 kg			
					Date	Name		AS2818L1504-EB					
				Drawn	25.09.2024	Schneid_A							
				Reviewed	25.09.2024	Rehse_P							
				Released	25.09.2024	Rehse_P							
05	CR_2024-0062	Schneid_A	15.10.2024	 Nanotec PLUG & DRIVE		20002633						A4 Page 1	
REV	Rev. Text	Name	Date			State: Released		Rev: 05		CONFIDENTIAL			