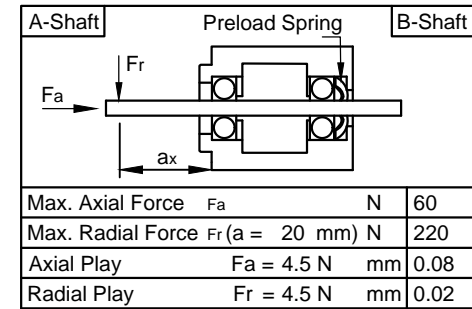


MOTOR SPECIFICATION			
No. of Poles		8	
Rated Voltage	V DC	48	
Current - Rated / Peak	A	6.25	19 Δ
Resistance Line to Line	$\pm 15\%$ Ω	0.34	Δ Δ Δ
Inductance Line to Line (1kHz)	$\pm 20\%$ mH	1.07	Δ Δ Δ
Torque - Rated / Peak	Nm	0.70	2.1 Δ
Torque Constant	Nm/A	0.112	
Power - Rated	W	220	Δ
Speed - No Load / Rated	$\pm 10\%$ rpm	3600 Δ	3000 Δ
Rotor Inertia	kg m ²	80	$\times 10^{-6}$

WIRING DIAGRAM			
	Colour	Function	Lead Gauge
Motor	Ye	U	AWM3135 AWG16 Δ
	Rd	V	
	Bk	W	
Hall 24 Impl. per Rev.	Rd	+5V	UL1332 AWG22 Δ
	Bu	H1	
	Wh	H2	
	Gn	H3	
	Bk	GND	



GENERAL MOTOR SPECIFICATION				ISO 8015	ISO 1302	ISO 2768-1 cK	ISO 13715	Weight: 1.85 kg	
Ambient Temperature	$^{\circ}\text{C}$	Min. -10	Max. 50			Date	Name	DB87S01-S	
Max. Temperature Rise (at standstill - 2 phases energized)	$^{\circ}\text{C}$	80				Drawn	Import		
Max. Ambient Humidity (non condensing)	%	85				Checked	Schneid_A		
Insulation Class		B		07	change induct./resist.	Schneid_A	21.06.2018	Approved	
Insulation Resistance	M Ω	100		05	change no-load-speed	Schneid_A	09.01.2018	Approved	
Dielectric Strength (for 1 min - coil to case)	V AC	500		REV	Rev. Text	Name	Rel. Date	03000156	
								State: Released	Rev: 07

