



LET'S MOVE TO THE NEXT STEP

ENTER INTO THE FUTURE





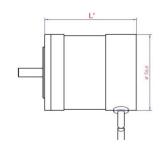


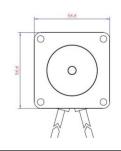
QUALITY SOLUTIONS TECHNOLOGY

BRUSHLESS MOTORS KBL57



MOTOR TYPE	KBL57-19	KBL57-35	KBL57-75	
NUMBER OF POLES		6		
NOMIAL DC VOLTAGE	12 - 24 - 36 - 48			V
RATED POWER	35 - 100	70 - 250	130 - 400	W
RATED SPEED	1500 – 3000 – 4500 - 6000			rpm
CONTINUOS TORQUE	0,2	0,4	0,8	Nm
PEAK TORQUE	0,6	1,2	2,4	Nm
FEEDBACK	3x digital hall sensor			
IP PROTECTION		43		
INSULATION CLASS		class B		
AXIAL LENGTH L'	55	69	105	mm



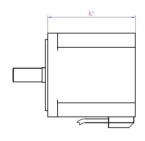


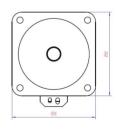
- optional feedback sensor, incremental or absolute encoders, resolver and protocols
- mechanical available NEMA23, MEC56 B14, MEC63 B14 and custom design
- 2nd shaft end for EM brake or feedback sensor available
- cable exit with or without connectors
- upgradeable enclosure IP protection
- integrated electronic design available

BRUSHLESS MOTORS KBL86Q



MOTOR TYPE	KBL86Q-90	KBL86Q-130	
NUMBER OF POLES	8		
NOMIAL DC VOLTAGE	12 - 24 - 36 - 48 - 7	V	
RATED POWER	220 – 450 – 600	400 – 750 – 1000	W
RATED SPEED	1500 – 3000	rpm	
CONTINUOS TORQUE	1,5	2,5	Nm
PEAK TORQUE	4,5	7,5	Nm
FEEDBACK	3x digital hall sensor		
IP PROTECTION	43		
INSULATION CLASS	class B		
AXIAL LENGHT L'	90	130	mm



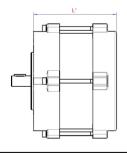


- optional feedback sensor, incremental or absolute encoders, resolver and protocols
- mechanical available NEMA34, MEC63 B14, MEC71 B14 and custom design
- 2nd shaft end for EM brake or feedback sensor available
- cable exit with or without connectors
- upgradeable enclosure IP protection
- integrated electronic design available

BRUSHLESS MOTORS KBL100



MOTOR TYPE	KBL100-30	KBL100-40	KBL100-50	KBL100-60	
NUMBER OF POLES		8			
NOMIAL DC VOLTAGE	1	12 - 24 - 36 - 48 - 72 - 80 - 96			
RATED POWER	300-600	400-1000	800-1200	800-1200	W
RATED SPEED	1500 – 3000 – 4500- 6000			rpm	
CONTINUOS TORQUE	1,9	2,8	4,4	4,4	Nm
PEAK TORQUE	4	5,8	12	12	Nm
FEEDBACK	3x digital hall sensor				
IP PROTECTION	43				
INSULATION CLASS	class F				
AXIAL LENGHT L'	76	86	96	106	mm



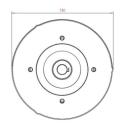


- optional feedback sensor, incremental or absolute encoders, resolver and protocols
- mechanical available MEC63 B14, MEC71 B5 or B14, MEC80 B5 or B14 and custom designs
- 2nd shaft end for EM brake or feedback sensor available
- cable exit with or without connectors
- upgradeable enclosure IP protection
- integrated electronic design available



MOTOR TYPE	KBL127-35	KBL127-70	KBL127-100	
NUMBER OF POLES		12		
NOMIAL DC VOLTAGE	12 - 24 - 36 - 48 - 72 - 80 - 96 up to 400			V
RATED POWER	750 - 1500	1500 - 3000	3000 – 6000	W
RATED SPEED	1500 – 3000 – 4500 - 6000			rpm
CONTINUOS TORQUE	3,5	7	12	Nm
PEAK TORQUE	14	28	36	Nm
FEEDBACK	3x digital hall sensor			
IP PROTECTION		43		
INSULATION CLASS		class F		
AXIAL LENGHT L'	97	132	162	mm





- optional feedback sensor, incremental or absolute encoders, resolver and protocols
- mechanical available MEC71 B5 or B14, MEC80 B5 or B14, MEC90 and custom designs
- 2nd shaft end for EM brake or feedback sensor available
- cable exit with or without connectors
- upgradeable enclosure IP protection
- integrated electronic design available with different BUS comunicatio

TAILOR MADE SOLUTIONS



BLDC MOTOR KBL57-19-24070

Compact solution with HIGH POWER DENSITY
Custom mechanical design for gearbox integration
WITHOUT DE bearing, for optimal couplig on gears
Certified by customer for ATEX application

nominal perfomances 24V 100W 10000 RPM

BLDC MOTOR KBL57-35-24135.D

mechanical design for HIGH WEAR RESISTANCE and CUSTOM PUMP INTERFACE integrated driver for motor regulation POWER+SIGNAL hybrid connector IP68 enclosure with pump mounted

nominal perfomances 24V 135W 3500 RPM



BLDC MOTOR KBL860-90-24200.D

Compact solution with HIGH POWER DENSITY mechanical design for CUSTOM PUMP INTERFACE integrated driver for motor regulation POWER+SIGNAL hybrid connector IP68 enclosure with pump mounted

nominal perfomances 24V 200W 2000 RPM

BLDC MOTOR KBL100-50-481K0.D

Compact solution with HIGH POWER DENSITY Integrated motor driver, just +B and –B for start Pump unit application for pump group 1 IP56 enclosure

nominal perfomances 48V 800W 1500 RPM





BLDC MOTOR KBL100-50-481K0.D

Compact solution with HIGH POWER DENSITY Integrated motor driver, just +B and -B for start Custom mechanical design for high radial load Hot galvanized for high wear resistance IP67 enclosure

nominal perfomances 48V 800W 1300 RPM

BLDC MOTOR KBL127-35-241K5.F

Compact solution with HIGH POWER DENSITY IP67 enclosure

nominal perfomances 24V 1500W 3600 RPM





HIGH PERFORMANCE BRUSHLESS MOTORS w/INTEGRATED DRIVE

from 12 to 300 V from 10 W to 20 kW from 1 to 20000 rpm

MOTOR-IN-WHEEL DRIVES and VERTICAL DRIVES READY TO GO

from 12 to 120 V from 50 Kg to 15 tons with or without integrated drivers





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