

Model Nomenclature

MODEL NOMENCLATURE

AKMH™ Brushless Servo Motor

AKMH 4 2 E – AN K N CA 1 K

AKMH Series
AKMH Hygienic Stainless Steel Washdown Motor

Motor Frame Size
2, 3, 4, 5, 6

Rotor Stack Length
1, 2, 3, 4, 5

Winding Type
A, B, C, D, etc.
S = Special

Mount
A = Flange mounting IEC
B, E = Flange mounting NEMA
C = Face mounting IEC
D = Face mounting NEMA
L = NEMA 56 face mount

Shaft
C = Closed keyway
K = Open keyway
N = Smooth shaft

Seal
K = IP69K shaft seal

Cable Length
1 to F (1 to 15 meters)

Brake ①
2 = 24 V DC holding brake
N = No brake
S = Special

Feedback Device ① ②
2- = Comcoder 2048 incr./rev
C- = SFD2
CA = Smart Feedback Device (SFD3)
DA = EnDAT 2.1 single-turn, optical
DB = EnDAT 2.1 multi-turn, optical
GA = Hiperface SKS36 single-turn
GB = Hiperface SKM36 multi-turn
GE = Hiperface DSL encoder single-turn
GF = Hiperface DSL encoder multi-turn
LA = EnDAT 2.1 single-turn, inductive
LB = EnDAT 2.1 multi-turn, inductive
R = Resolver
RA = Single-turn absolute HIPERFACE SRS50-S21 encoder
RB = Multi-turn absolute HIPERFACE SRM-S21 encoder
RC = single-turn absolute HIPERFACE SRS50-K21 encoder
RD = multi-turn absolute HIPERFACE SRM50-K21 encoder
RE = HIPERFACE DSL Absolute Encoder
RF = HIPERFACE DSL Absolute Encoder
RG = HIPERFACE DSL Absolute Encoder
RH = HIPERFACE DSL Absolute Encoder

Mount-Shaft Availability

Base Model	Mount-Shaft										
	AC	AN	BK	BN	CC	CN	DK	DN	EK	EN	LK
AKMH2x	•	•		•	•	•			•		
AKMH3x	•	•		•	•						
AKMH4x	•	•	•	•	•	•	•	•	•	•	•
AKMH5x	•	•	•	•	•	•	•	•	•	•	
AKMH6x	•	•		•	•	•	•	•	•	•	

Note: LK mount requires 2 weeks additional lead time for the first product order.
Note: Ex mounts are only available if Rx feedback devices are selected.

Cable Connection

B = Cable with IP67 SpeedTec connector
C = Cable for connection to third-party drives
G = Cable with IP67 SpeedTec connector in silicone tube
K = Pre-assembled cable for connection to AKD
L = Dual-cable version with open cable ends
M = Dual-cable version with open cable ends in silicone tube
R = Dual cable with IP67 non-stainless steel, non-hygienic, vented connector with air pressure compensation
T = Pre-assembled cable in silicone tube for connection to AKD
V = Cable with IP69 SpeedTec connector
W = Cable with IP69 SpeedTec connector in silicone tube

Feedback and Connection Availability

Feedback Device	Cable Connection									
	K	T	B	G	V	W	L	M	R	C
C-, CA	•	•	•	•	•	•				
GE, GF	•	•	•	•	•	•				
2-, R-			•	•	•	•	•	•		
DA, DB			•	•	•	•	•	•		
GA, GB			•	•	•	•	•	•		
LA, LB			•	•	•	•	•	•		
RA, RB								•	•	
RC, RD								•	•	
RE, RF, RG, RH			•	•	•	•			•	•

- ① C- feedback is not available with brake.
- ② Rx feedback device options are mapped for connection to third-party servo drives