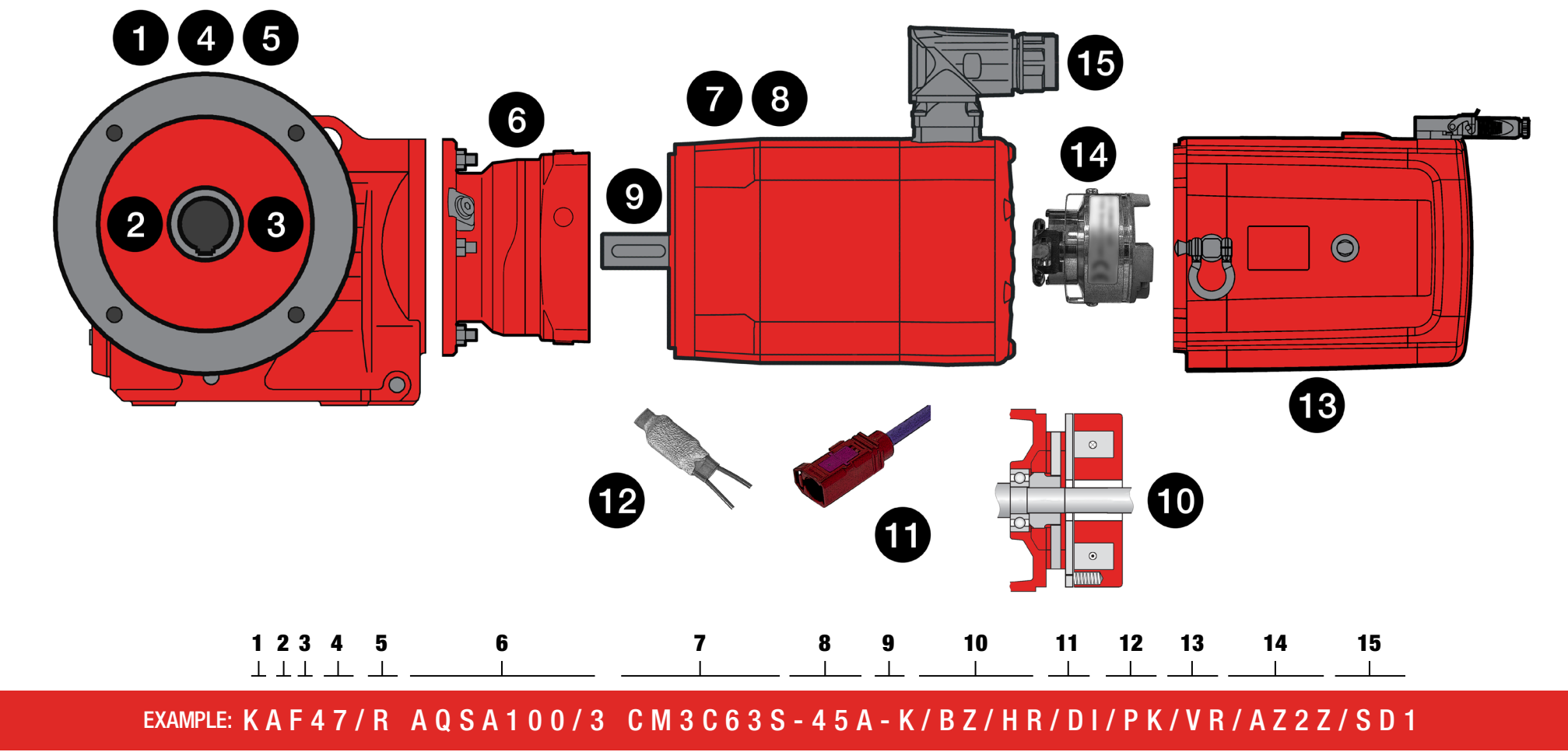




1 – Gear Type		2 – Shaft Type		3 – Mounting Flange		4 – Size		5 – Gear Options		6 – Input Adapters	
R/RX	Helical Inline	–	Solid	–	No Flange	R	07–127	/R	Reduced Backlash	AQSA..	Adapter w/keyway / Size
F	Helical Offset	A	Keyed Hollow	F	IEC B5 (Through)	RX	57–107	B	Rail Holes (F)	AQSH..	Adapter w/clamp / Size
K	Helical Bevel	H	Shrink Disc	Z	IEC B14 (Tapped)	F	27–107	B	Feet (K)	EW..	Adapter w/clamp / Size (W10–W30)
S	Helical Worm	V	Spline	M	Agitator Extension (F, K, R)	K	19–107	F	Feet + Flange (R)		
W	SPIROPLAN®	T	TorqLOC®			S	37–67	/T	Torque Arm (K, S, W)		
						W	29–39	/G	Torque Arm Bushing (F)		

7 – Motor Type / Size / Length		8 – Speed Class / Voltage (CM3C)		10 – Brakes		12 – Thermal Protection	
CM3C..	CM3C Servomotor	-20	2,000 rpm	/BK	Magnetic Brake (CM3C and CMP)	/TF	PTC Thermistor Sensor (CM)
CMP..	CMP Servomotor	-30	3,000 rpm	/BZ	Spring Brake (CM3C)	/TH	Bimetallic Switch Thermostat (CM)
CMPZ..	CMPZ Servomotor	-45	4,500 rpm	/BP	Spring Brake (CMP)	/PK	PT1000 Platinum Sensor (all)
CM.. / CFM..	CM Servomotor	-60	6,000 rpm	/BY	Spring Brake (CMP and CMPZ)		
63, 71, 80, 100	CM3C Sizes	A	400 V system voltage	/BR	Spring Brake (CM)		
40, 50, 63, 71, 80, 100, 112	CMP Sizes			/HR	Hand Lever Brake Release (BZ, BY, BR)		
71, 80, 100	CMPZ Sizes						
71, 90, 112	CM Sizes						
S, M, L, H, E	Stator Lengths						

9 – Shaft Type (CM3C)		11 – Interface	
-N	Smooth Solid	/DI	MOVILINK® DDI (CM3C and CMP)
-K	Keyed Solid		
-P	Pinon End for Gear Unit		
-D	MD Compact Mounting		

14 – Encoders		15 – Connectors and Conduit Boxes			
/RH1M	Resolver Med-res (all)	/SM1, /SMB, /SMC /SB1, /SBB, /SBC	M23/M23, M40/M23, or M58/M23 power/signal /SM. = w/o brake, /SB. = w/brake resolver or HIPERFACE® encoder (CM3C and CMP)	/SM50, /SM60 /SB50, /SB60	rectangular/round power/signal /SM. = w/o brake, /SB. = w/brake /S.50 = radial encoder, /S.60 = axial encoder (CM)
/EK0H /AK0H	HIPERFACE® Encoder Med-res (CMP)	/SMCD /SBCD	M58/M23 power/signal /SMCD = w/o brake, /SBCD = w/brake MOVILINK® DDI w/ or w/o encoder (CMP)	/KK, /KKS	conduit box w/ or w/o brake /KK = cable gland signal, /KKS = M23 signal w/ or w/o resolver or HIPERFACE® encoder (all)
/EK1H /AK1H	HIPERFACE® Encoder Hi-res (all)	/SQ1, /SQB	M23/M23 or M40/M23 power/signal w/ or w/o brake DRIVE CLiQ encoder (CM3C)	/KL, /KLS	conduit box w/ or w/o brake /KL = cable gland signal, /KLS = M23 signal w/ or w/o resolver or HIPERFACE® encoder (CMP112)
/EZ2Z /AZ2Z	MOVILINK® DDI Encoder Med-res (CM3C, CMP)	/SH1, /SHB	M23 or M40 hybrid cable w/ or w/o brake no encoder (CM3C and CMP)	/KD, /KDD	conduit box w/ or w/o brake /KD = cable gland signal, /KDD = M23 signal MOVILINK® DDI w/ or w/o encoder (CM3C and CMP)
/EZ4Z /AZ4Z	MOVILINK® DDI Encoder Hi-res (CM3C, CMP)	/SD1, /SDB	M23 or M40 hybrid cable w/ or w/o brake MOVILINK® DDI w/ or w/o encoder (CM3C and CMP)	/KK50, /KK60	conduit box w/ or w/o brake /KK50 = radial encoder, /KK60 = axial encoder w/ resolver, SSI, or HIPERFACE® encoder (CM)
/EH0E /AH0E	EnDat2.2 Encoder Hi-res (CMP)	/SE1, /SE4	M23 hybrid cable w/ or w/o brake EnDat2.2 encoder (CM3C and CMP)	NOTES: /SMC, /SBC, and /KKS are for CMP motors only /SE4 is for CM3C motors only	
/EH1E /AH1E	EnDat2.2 Encoder Hi-res (CM3C, CMP)	/SJ1, /SJB	M23 or M40 hybrid cable w/ or w/o brake HIPERFACE® DSL encoder (CM3C)		
/EK0J /AK0J	HIPERFACE® DSL Encoder Hi-res (CM3C)				
/AH1Q	DRIVE-CLiQ Encoder Hi-res (CM3C)				
NOTES: /E... encoders are absolute single-turn /A... encoders are absolute multi-turn					This poster shows the most common servo gearmotor options and their associated nomenclature. For complete information, consult the appropriate product catalog or an SEW-EURODRIVE representative.

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