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The AXS-V-03RS firmware supports the following Rexroth motors:

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Type	Designation	Motor encoder
Synchronous motor	MS2N, MS2E, MS2F	ACURO®link HIPERFACE®
	MKE, MSK incl. MSK 133	HIPERFACE®
	MS2S	ctrlX SENSE ^{motor}
	Kit motors, rotary e.g. MBS, MBT	Released encoder, see ↘ Encoder and mechanics
	Kit motors, linear e.g. MLF, MCL, ML3...	Released encoder, see ↘ Encoder and mechanics

The AXS-V-03RS firmware supports the following third-party motors:

.Supported third-party motors

.Supported third-party motors

Type of construction of motor	Rotary		Linear
Third-party motor	With encoder	Without encoder	With encoder

Type of construction of motor	Rotary		Linear
Third-party motor	With encoder	Without encoder	With encoder
Permanent-magnet synchronous motor (PMSM or SPMSM)	ACURO®link HIPERFACE® Resolver SSI* EnDat2.2 Sin/Cos encoders (1Vpp)	Yes	ACURO®link HIPERFACE® Resolver SSI* EnDat2.2 Sin/Cos encoders (1Vpp)
Permanent-magnet synchronous motor with reluctance torque (IPMSM)		Not supported	Not supported
Asynchronous motor (ASM)		Yes	Not supported
Synchronous reluctance motor (SynRM)		Not supported	Not supported
Legend:			
*: The SSI encoder as motor encoder is only possible with restrictions, see .			

It is basically possible to operate three-phase third-party motors (synchronous and asynchronous motors) at ctrlX DRIVE controllers. However, it is necessary to check whether the specific motor type can be controlled (see chapter "Third-party motors" in Rexroth IndraDrive, Drive System, R911309635, DOK-INDRV*-SYSTEM*****-PR0x-").