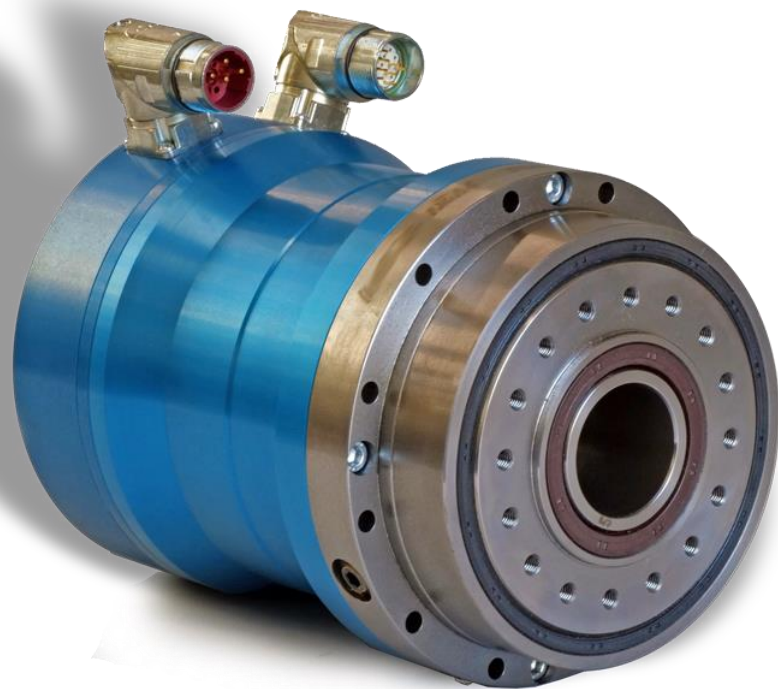







SANGALLI SERVOMOTORI



ARM & ABM

Hollow shaft Motorized Rotary Actuators

ARM Hollow Shaft Motorized Rotary Actuator – Zero Backlash

											
ARM30.2			ARM35.2			ARM51.2			ARM62.2		
<i>Motor Specification DSM5.30.2</i>			<i>Motor specification DSM5.31.2</i>			<i>Motor Specification DSM5.51.2</i>			<i>Motor specification DSM5.62.2</i>		
Stall Torque Mo	1	Nm	Stall Torque Mo	1,5	Nm	Stall Torque Mo	10	Nm	Stall Torque Mo	28	Nm
Nominal Torque @ 1500 rpm M1n	0,8	Nm	Nominal Torque @ 1500 rpm M1n	1,3	Nm	Nominal Torque @ 1500rpm M1n	8	Nm	Nominal Torque @ 1500rpm M1n	20	Nm
Peak Torque M1pk	3,6	Nm	Peak Torque M1pk	4,8	Nm	Peak torque M1pk	34	Nm	Peak Torque M1pk	72	Nm
Stall current Io	1,1	Arms	Stall current Io	1,1	Arms	Stall current Io	6,5	Arms	Stall current Io	12,5	Arms
Max speed @ 400 Vac N1max	5.000	rpm	Max speed @ 400 Vac N1max	3.500	rpm	Max speed @ 400 Vac N1max	3.000	rpm	Max speed @ 400Vac N1max	3.000	rpm
<i>Gearbox specification ECY-105</i>			<i>Gearbox specification ECY-107</i>			<i>Gearbox specification F4CF-C15</i>			<i>Gearbox specification F4CF-C35</i>		
Reduction Ratio i	50		Reduction Ratio i	80		Reduction Ratio i	59		Reduction Ratio i	59	
Max input speed Nmax	7.300	rpm	Max input speed Nmax	6.500	rpm	Max input speed Nmax	4.000	rpm	Max input speed Nmax	3.000	rpm
<i>Gearmotor specification ARM30.2</i>			<i>Gearmotor specification ARM35.2</i>			<i>Gearmotor specification ARM51.2</i>			<i>Gearmotor specification ARM62.2</i>		
Hollow shaft	20	mm	Hollow shaft	24	mm	Hollow shaft	40	mm	Hollow shaft	60	mm
Total length to flange	134	mm	Total length to flange	145,2	mm	Total length to flange	179,5	mm	Total length to flange	254,5	mm
Stall Torque M2o	25	Nm	Stall Torque M2o	63	Nm	Stall Torque M2o	314	Nm	Stall Torque M2o	1040	Nm
Acceleration Torque M2pk	56	Nm	Acceleration Torque M2pk	137	Nm	Acceleration Torque M2pk	540	Nm	Acceleration Torque M2pk	1962	Nm
Max speed	100	rpm	Max speed	44	rpm	Max speed	51	rpm	Max speed	42	rpm

IP65, Standard Rotatable Connectors, Feedback absolute multiturn encoder Endat 2.2 or Hiperface

Other reduction ratios available

ABM Blind Shaft Motorized Rotary Actuator – Zero Backlash



ABM30.2

ABM35.2

ABM51.2

ABM62.2

Motor Specification DSM5.30.2

Motor specification DSM5.31.2

Motor Specification DSM5.51.2

Motor specification DSM5.62.2

Stall Torque Mo	1	Nm	Stall Torque Mo	1,5	Nm	Stall Torque Mo	10	Nm	Stall Torque Mo	28	Nm
Nominal Torque @ 1500 rpm M1n	0,8	Nm	Nominal Torque @ 1500 rpm M1n	1,3	Nm	Nominal Torque @ 1500rpm M1n	8	Nm	Nominal Torque @ 1500rpm M1n	20	Nm
Peak Torque M1pk	3,6	Nm	Peak Torque M1pk	4,8	Nm	Peak torque M1pk	36	Nm	Peak Torque M1pk	72	Nm
Stall current Io	1,1	Arms	Stall current Io	1,1	Arms	Stall current Io	6,5	Arms	Stall current Io	12,5	Arms
Max speed @ 400 Vac N1max	5.000	rpm	Max speed @ 400 Vac N1max	3.500	rpm	Max speed @ 400 Vac N1max	3.000	rpm	Max speed @ 400Vac N1max	3.000	rpm
Gearbox specification ECY-105			Gearbox specification ECY-107			Gearbox specification F4CF-C15			Gearbox specification F4CF-C35		
Reduction Ratio i	50		Reduction Ratio i	80		Reduction Ratio i	59		Reduction Ratio i	59	
Max input speed Nmax	7.300	rpm	Max input speed Nmax	6500	rpm	Max input speed Nmax	4.000	rpm	Max input speed Nmax	3.000	rpm
Gearmotor specification ABM30.2			Gearmotor specification ABM35.2			Gearmotor specification ABM51.2			Gearmotor specification ABM62.2		
Total length to flange	128	mm	Total length to flange	139,2	mm	Total length to flange	179,5	mm	Total length to flange	254,5	mm
Stall Torque M2o	25	Nm	Stall Torque M2o	63	Nm	Stall Torque M2o	314	Nm	Stall Torque M2o	1040	Nm
Acceleration Torque M2pk	56	Nm	Acceleration Torque M2pk	137	Nm	Acceleration Torque M2pk	540	Nm	Acceleration Torque M2pk	1962	Nm
Max speed	100	rpm	Max speed	44	rpm	Max speed	51	rpm	Max speed	42	rpm

IP65, Standard Rotatable Connectors, Feedback absolute multiturn encoder Endat 2.2, Hiperface, DSL or ABS

Other reduction ratios available, Optional Brake available



SANGALLI SERVOMOTORI



SANGALLI SERVOMOTORI S.r.l.

VIA FEDERICO ROSSI, 5
20900 - MONZA (MB) - ITALY

TEL. 1 : 00-39-039-2020322

TEL. 2 : 00-39-039-2020747

FAX : 00-39-039-2020656

INFO@SANGALLISERVOMOTORI.IT

WWW.SANGALLISERVOMOTORI.IT

MOTORS & MOTION CONTROL

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- **DSG SYNCHRONOUS PM GENERATORS**
- **RARE EARTH SC DC SERVOMOTORS**
- **DSW WATER-COOLED**
- **LOW-COST SOLUTIONS**
- **PLANETARY GEARS**
- **CUSTOMISED SOLUTIONS**
- **TORQUE MOTORS**
- **FRAMELESS SPINDLE MOTORS**



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