



DRIVE TECHNOLOGY

SM 3-15 H | SM 3-15 | SM 3-30 H | SM 3-30



WILHELM TAAKE GMBH Pumps, Valves and Control technology
Böllingshöfen 85 · D-32549 Bad Oeynhausen · Tel.: 0 57 34-51 23 80 · Fax: 0 57 34-17 52
Internet: <http://www.wita-taake.de> · e-mail: info@wita-taake.de

SM 3-15 H | SM 3-15 | SM 3-30 H | SM 3-30

SM3 type series servomotors are especially designed for applications in heating and air conditioning technologies, while the three-point controller and contacts enable their control. The servomotors are intended to operate with mixing valves in the diameter range between DN 40 and 100. They are distinguished by compact design and durable manufacture.



Technical equipment

- ◆ available with two different torques
(SM 3-15 H, SM 3-15 = 15 Nm and SM 3-30 H, SM 3-30 = 30 Nm)
- ◆ available versions 230 V~50/60 Hz and 24 V~50/60 Hz
- ◆ rotation angle 90° (set in degrees by 15°)
- ◆ resistant to blocks (BL 240 h)
- ◆ maintenance-free closed transmission
- ◆ manual control
- ◆ mixer position setting indicator
- ◆ special adapters enable easy installation on valves made by various producers
- ◆ if requested, with a preinstalled potential-free 3.limit switch (set in degrees by 15°)
- ◆ if requested, with a working voltage cord and 3.limit switch
- ◆ adaptation through a quill shaft (SM 3-15 H, SM 3-30 H)
- ◆ available with functional driving centres (SM 3-15, SM 3-30)

Technical specification

	SM 3-15 H	SM 3-15	SM 3-30 H	SM 3-30
Torque:	15 Nm block resistant	15 Nm block resistant	30 Nm block resistant	30 Nm block resistant
Supply voltage:	230 V~50/60 Hz or 24 V~50/60 Hz	230 V~50/60 Hz or 24 V~50/60 Hz	230 V~50/60 Hz or 24 V~50/60 Hz	230 V~50/60 Hz or 24 V~50/60 Hz
Protection type:	IP 40	IP 40	IP 40	IP 40
Protection class:	I	I	I	I
Rotation time:	150sec/90° (set in degrees by 15°)	150sec/90° (set in degrees by 15°)	150sec/90° (set in degrees by 15°)	150sec/90° (set in degrees by 15°)
Terminal:	clamp cap	clamp cap	clamp cap	clamp cap
Adaptation:	quill shaft	driving centre	quill shaft	driving centre

Available servomotors

Item	Torque	Setting time/range	Supply voltage	Item no.
SM 3-15 H without adapter	15 Nm	150 sec/90°	230 V~ 50 Hz	S3HO 620
SM 3-30 H without adapter	30 Nm	150 sec/90°	230 V~ 50 Hz	S3HO 320
SM 3-15 H without adapter	15 Nm	150 sec/90°	24 V~ 50 Hz	S3HO 622
SM 3-30 H without adapter	30 Nm	150 sec/90°	24 V~ 50 Hz	S3HO 322
SM 3-30 without adapter	30 Nm	150 sec/90°	230 V~ 50 Hz	S 30 320
SM 3-15 without adapter	15 Nm	150 sec/90°	230 V~ 50 Hz	S30 620 203
SM 3-30 without adapter	30 Nm	150 sec/90°	24 V~ 50 Hz	S 30 322
SM 3-15 without adapter	15 Nm	150 sec/90°	24 V~ 50 Hz	S30 622 203

Available connecting adapters and fittings

For	Item	Item no.
SM 3-15 H / SM 3-30 H	Adapter 23 for ESBE G+F (from DN 50)	BS 23
	Adapter 25 for WITA GFM between DN 40 and DN 50, Centra ZR-DR	BS 25
SM 3-15 / SM 3-30	Adapter 1 for Holter R+S, Viessmann NW 32-50	BS 1
	Adapter 4 for AXA, Viessmann DN 15-25	BS 4
	Adapter 5A for ESBE, PAW, ACASO	BS 5A
	Adapter 9 for Centra ZR-DR, WITA GFM from DN 65	BS 9
Fittings	Connecting cord 4x0,75 mm ² / length = 2 m	S-Z 3/5 2K
	Connecting cord 3.limit switch 4x0,75mm ² /length = 2 m	S-Z 33 2K
	3.limit switch (potential-free, preinstalled) 2 A	S-Z 303 E