

Item: 1 - SA14.6/

QUOTATION

AUMA product	Multi-turn electric actuator
Rated output torque [lbs.ft.]	369
Rated output torque [Nm]	500
Approximate weight (lbs.)	120

ENVIRONMENTAL CONDITIONS

Version	Weatherproof
Enclosure protection	IP68
Version.	Standard
Color	AUMA silver-grey (similar to RAL 7037)
Ambient temperature	-40°C - +80°C
Nameplates	English - aluminum (EN-AL)
Corrosion protection	KS

ELECTRICAL DATA

Mains voltage	380 Volts AC
Phase	3-Ph
Frequency	50 Hz
Type of duty	S2 - 15 min.
Motor protection	(D-1T-O140) 3 thermal switches, 1 N.C. contact per phase wired in series 140°C, class F insulation, tropicalized winding
Motor type	3 ph AC motor type AD/VD

MOTOR DATA

Motor designation	AD00090-2-3.30
Nominal power (HP)	4
Nominal power (kW)	3.30
Nominal speed (RPM)	2,800
Nominal current (FLA)	10.0
Current approx. I _{max} . (RTA)	22.0
Starting current (LRA)	61.0
NEC code letter	G
COS	0.65

ACTUATOR FEATURES

SA model	SA 14.6
Output speed	125 RPM (actuator non-selflocking)
Valve attachment	FA14
Output drive	FA14-B4 unbored
Mechanical position indicator	(11) with symbols OPEN and CLOSED, continuous
Torque switches	(6) 2 single switches for each direction
Limit switches	(8) limit switch in single operation for end positions
Position transm.	(40.4) EWG 4-wire system
Turns per stroke	13.50
Operating time (seconds)	6
Reduction gearing	(10.1) Gearing with fixed reduction ratio
Reduction ratio	22.5:1
Stem protection tube	Without
Optional extras	Without

Item: 1 - SA14.6/ (continued)

ACTUATOR FEATURES (continued)

Heater	(22.1) 110 V-250 V AC/DC self regulating PTC element: 5-20 W
Motor heater	(0) without
Torque switching	Setting range 200-500 Nm
Set to close	max.
Set to open	max.
Handwheel	15.7" (400-1-000-A000) lockable, with declutch push-button padlock
Blinker switch	(24) Blinker switch required (250VAC/3A)
Close direction	RH - clockwise
Limit switching	(300) 1.5-500 rev/stroke adjustable
Lubricant	F15 - Shell ALVANIA 1029
Links in electrical connection	Without special links installed
Electrical connection	(SH-031) plug/socket 100mm, 2 x M25; 1 x M20

DRAWINGS

ACTUATOR DIMENSIONAL DWG	DDS000001EAAN0010
ACTUATOR SCHEMATIC WIRING DWG	TPA00R1AA-1E1-000 -S (available upon request)
OUTPUT DRIVE/MOUNTING FLANGE DWG	SK099489

OPERATION MANUALS

ACTUATOR OPERATION MANUAL	(click here)
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