



ARAD SANAT

TECHNICAL AND ENGINEERING COMPANY ELECTRIC ACTUATOR MANUFACTURER



INTRODUCTION

Arad Sanat Co. has been focused on the development, manufacturing, sales and services of electric actuator since 2016. The company specializes in the construction of actuators for the energy, water, oil and gas sectors as well as the industrial sectors. As an independent partner of the valves industry, Arad Sanat offers its products for automation of the utilities and industry sectors. The production of electric actuators with a fully industrial vision and the highest level of quality in accordance with global standards, along with unconditional after-sales service, has become the most important honors of the company during its activity.

Fully intelligent actuators with the lowest error coefficient have made it possible to install them in hypersensitive locations.

GENERAL SPECIFICATIONS OF PRODUCTS

- Aluminum frame
- Low power
- Lightweight and small, but powerful
- Using the best materials in production
- Mechanical display pointer
- Completely safe and with the lowest error coefficient
- Three-layer paint coating to protect against corrosion
- Using the highest technology in the world in design and production
- Ability to use actuator manually when there is no power
- Designed according to ISO5211, ISA96.02, AWWWAC542, EN15714 standards

A type

- IP68
- Timer
- User Menu
- Graphical display
- Support for Modbus protocol
- Input & Output 4-20 mA
- Fully isolated digital input and output
- Torque switch, limit switch, warning switch and temper switch
- Ability of adjustment, reading and protection of torque speed, current, voltage and actuator temperature

B type

- IP68
- Potentiometer output
- Fully isolated input and output
- Torque switch, limit switch and temper switch
- Ability of protection of actuator's overcurrent, torque and temperature

C type

- IP 66
- Engine overcurrent protection



AP014 - AP028 - AP050 - AP080

MODEL	AP014	AP028	AP050	AP080
OPERATING TIME TO 90°	8(S)	12(S)	15(S)	30(S)
VOLTAGE	220VAC/24VDC	220VAC/24VDC	220VAC/24VDC	220VAC/24VDC
TORQUE	14 N.m	28 N.m	50 N.m	80 N.m
VALVE SIZE	3/8~3/4"	1/2~1"	1~2"	1~3"
WEIGHT	3/2 Kg	3/2 Kg	3/5 Kg	3/5 Kg
FLANGE TYPE	F03/F05	F03/F05	F05/F07	F05/F07
COURSE	1200 Degree	1200 Degree	1200 Degree	1200 Degree

LIGHT AND
SMALL BUT POWERFUL

COMPLETELY WATERPROOF

A type

C type

B type





AP100 - AP150

MODEL	AP100	AP150
OPERATING TIME TO 90°	15(S)	9(S)
VOLTAGE	220VAC/24VDC	220VAC/24VDC
TORQUE	100 N.m	150 N.m
VALVE SIZE	2~5"	3~6"
WEIGHT	4/5 Kg	4/5 Kg
FLANGE TYPE	F07	F07
COURSE	720 Degree	720 Degree

DESIGNED ACCORDING TO THE WORLD'S STANDARDS

USING THE BEST MATERIALS

IN PRODUCTION

A type

C type

B type



AP250 - AP500

MODEL	AP250	AP500
OPERATING TIME TO 90°	20(S)	45(S)
VOLTAGE	220VAC/24VDC	220VAC/24VDC
TORQUE	250 N.m	500 N.m
VALVE SIZE	5~8"	6~12"
WEIGHT	5/8 Kg	6/8 Kg
FLANGE TYPE	F07	F07/F10
COURSE	120 Degree	120 Degree

DESIGN WITH A COMPLETELY INDUSTRIAL VIEW

HIGH EFFICIENCY AND ULTRA-LOW POWER

TOTALLY SMART

WITH THE LOWEST ERROR RATE



A type



C type



B type



AM120 - AM250 - AM500

MODEL	AM120	AM250	AM500
OPERATING TIME TO 90°	32 RPM	16 RPM	16 RPM
VOLTAGE	380 VAC 220 VAC 24 VDC	380 VAC 220 VAC 24 VDC	380 VAC 220 VAC 24 VDC
TORQUE	120 N.m	250 N.m	500 N.m
WEIGHT	35 Kg	40 Kg	45 Kg
FLANGE TYPE	F10/F14	F10/F14	F12/F16
COURSE	1000 Degree	1000 Degree	1000 Degree

STURDY AND DURABLE

CAN BE INSTALLED IN OPEN AND HIGH-RISK ENVIRONMENTS

USING THE HIGHEST TECHNOLOGY IN THE WORLD



AM060

OPERATING TIME TO 90°	48 RPM
VOLTAGE	380 VAC 220 VAC 24 VDC
TORQUE	60 N.m
WEIGHT	16 Kg
FLANGE TYPE	F07/F10
COURSE	400 Degree



A type



B type





AM010 - AM050

MODEL	AM010	AM050
OPERATING TIME TO 90°	40 RPM	10 RPM
VOLTAGE	220 VAC 24 VDC	220 VAC 24 VDC
TORQUE	10-20 N.m	50 N.m
WEIGHT	6.2 Kg	6.2 Kg
FLANGE TYPE	F07	F07/F10
COURSE	170 Degree	40 Degree



1. Do not use a circuit breaker when connecting the power to the actuator.
2. Avoid handling the cable left when the actuator is turned on.
3. Do not use a motor from another line.

1. El motor debe estar en reposo cuando se conecte la alimentación eléctrica.
2. Evitar manipular el cable suelto cuando el motor esté en funcionamiento.
3. No utilizar el motor para accionar otros dispositivos.
4. No utilizar el motor para accionar otros dispositivos.
5. No utilizar el motor para accionar otros dispositivos.
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7. No utilizar el motor para accionar otros dispositivos.
8. No utilizar el motor para accionar otros dispositivos.

AL007

LINEAR SPEED	12 mm/Min
CIRCLE SPEED	10 RPM
NOMINAL VOLTAGE	220 VAC 24 VDC
TORQUE	7 N.m
WEIGHT	2.5 Kg
COUPLING	All kind pilot
COURSE	35 MM



GEARBOXS

GW3000 - GS180 - GS620 - GS2200

MODEL	GW3000	GS180	GS620	GS2200
GEARBOX TYPE	Reducer	Reducer	Reducer	Reducer
MAX. INPUT TORQUE	120 N.m	120 N.m	120 N.m	420 N.m
OUTPUT STABLE TORQUE	3000 N.m	180 N.m	620 N.m	2200 N.m
MAX. OUTPUT TORQUE	3600 N.m	240 N.m	680 N.m	2800 N.m
BREAKDOWN TORQUE	4000 N.m	300 N.m	800 N.m	3000 N.m
FLANGE TYPE	F07/F10	F07	F07/F10	F07/F10
MAX. INPUT DEGREE	1400 RPM	90 RPM	90 RPM	90 RPM

GW3000



GS180



GS620



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