



AP.E - Engineering

Instrumentation for industrial process and water plant



ON-OFF and REGULATION VALVES

Model Flanged AP7020A (DN100 / 600) - Model Wafer AP7040A (DN100 / 400)

OUR PRODUCTS

MEASURE

Flow
Level
Pressure
Temperature
Density
Displacement
Rotation
Energy
Voltage
Current
and others...

ANALYZERS

Measure and Control

PH

Redox
Conductivity
Chlorine
Turbidity
Opacity
Oxygen
and others...

AUTOMATIC VALVES

SLUICE GATE
GATE VALVES
Control and on-off Type

VALVE CONTROLLER
Static (Triac)
with Auto/Man

AUTOMATIONS

PLC-PCS
Data-logger
Controller
Control panel

SOFTWARE
ISI-S.C.A.D.A

CUSTOMIZED ENGINEERING

Instrumentation
control



AP 7020A
FLANGED

AP 7040A
WAFER-LUG

TECHNICAL DATA

| | |
|-----------------------|--|
| Application | : Base for water system |
| Type | : butterfly |
| Travelling | : on-off (I= on-off) or control (R = control) |
| Mounting | : APE 7020A flanged EN 1092-1 or APE 7040A wafer-lug |
| Nominal Diameter | : APE 7020A (DN100 ÷ DN600) APE 7040A (DN100÷DN400) |
| Nominal Pressure | : PN10 - PN16 (Optional : PN25-40-64) |
| Body | : spheroidal cast iron JS500 (Optional : carbon steel – AISI316) |
| Butterfly | : spheroidal cast iron JS500(Optional : AISI316) central axis, double eccentric (only APE 7020A Flanged) |
| Shafts | : steel inox AISI420 |
| Seal | : on the EPDM body (optional: TEFLON) only APE 7040A on the EPDM butterfly (optional: METAL) only APE 7020A |
| Painting | : epoxy |
| Screw | : stainless steel |
| Actuator | : Motor 24Vac ; 24Vdc ; 220Vac ; 380Vac three phase,(F-155°C) (S2) |
| Gear motor protection | : painted aluminum |
| Position Transmitter | : 4 ÷ 20 mA (only R version) |
| Connections | : with terminal block |
| Limit switch | : opened and closed valve |
| Position indicator | : built-in |
| Hand wheel | : built-in – for emergency |
| Protection | : IP67 - CEI EN 60529 |
| Humidity | : 100 % |
| Process Temperature | : -25 ÷ 100 °C |

Quality Parameters : MTBF 40.000 h
BURN-IN 40 h

Other models, see bulletins)



Electronic valves control (See bull.316-318)

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|-----------------|--------------|
| Bull. | 402 |
| Last updating | October 2012 |
| Italian version | |
| English version | X |