AP.E - Engineering

Instrumentation for industrial process and water plant

ON-OFF and REGULATION VALVES

Model Flanged AP7020E (DN50 / 300) - Model Wafer AP7040E (DN32 / 300)

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 7020E
FLANGED

AP 7040E
WAFER-LUG

TECHNICAL DATA

Application	: Low-cost for water system
Type	: butterfly
Travelling	: on-off (I= on-off) or control (R = control)
Mounting	: APE 7020E flanged EN 1092-1 or APE 7040E wafer-lug
Nominal Diameter	: APE 7020E (DN50 ÷ DN300) APE 7040E (DN32÷DN300)
Nominal Pressure	: PN10 - PN16 (Optional : PN25-40)
Body	: spheroidal cast iron JS500 (Optional : carbon steel – AISI316)
Butterfly	: spheroidal cast iron JS500(Optional : AISI316) central axis, double eccentric (only APE 7020E Flanged)
Shafts	: steel inox AISI420
Seal	: on the EPDM body (optional: TEFLON) only APE 7040E on the EPDM butterfly (optional: METAL) only APE 7020E
Painting	: epoxy
Screw	: stainless steel
Actuator	: Motor 24Vac ; 24Vdc ; 220Vac ; 380Vac three phase,(B-130°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 10.000 h
BURN-IN 10 h

(Other models, see bulletins)

Bull.	384
Last updating	October 2012
Italian version	
English version	X

Electronic valves control **(See bull.316-318)**