



# Semflex-VP

## Intelligent, Part-Turn, Electric Actuator

### <Applications>

- Market segment:  
Water / Energy / Oil / Gas / Vessel / Ventilation / Chemical and any Industrial process
  - Valve types:  
Butterfly / Ball / any Part turn types
  - Optional Functions:  
Positioning / Modulating / Variable Speed operation mode  
Water hammer prevention / Valve purge / Torque retry mode  
Communication: Profibus-DP / Modbus-UTS, Self-diagnosis
- \*Please contact us for more details and other options.

### <Specification Data>

Model	VP-010	VP-020	VP-060	VP-1	VP-2
Allowable Torque (Nm)	125	250	600	1,000	2,000
Operating Time (sec/90°)	50Hz	9/18	18/36	18/36	36/72
	60Hz	7.5/15	15/30	15/30	30/60
Allowable Valve Rod Diameter (mm)	28	28	42	60	60
Flange size	F07	F07	F10	F14	F14
Motor	Output(W)	40	40	100	200
	Power-Supply (V)	1-phase 100/200 3-phase 200/400			
	Insulation Class	B, F (Class H is available as option)			
	Brake	Permanent brake included			
	Thermal protector	Built-in			
Mass (kg)	25	25	30	52	52
Position Detection	Potentio meter				
Torque Detection	Worm motion sensing (contactless potentio meter)				
Indicator	LCD : position(%), fault icons, indicator, 3-character				
Local Operation	Push button : OPEN, CLOSE, STOP				
	Select switch : LOCAL - OFF - REMOTE				
Manual/Electric switching	Auto return type, with a handle (Option : Manual return type)				
Explosionproof (Option)	Exd II BT4				
Ambient Temperature	-10~60°C (Option : 80°C)				
Protection Structure	IP68				
Coating	Standard color coating (Munsell N8)				

\*Dimensions and shape are subject to slight change without notice.

