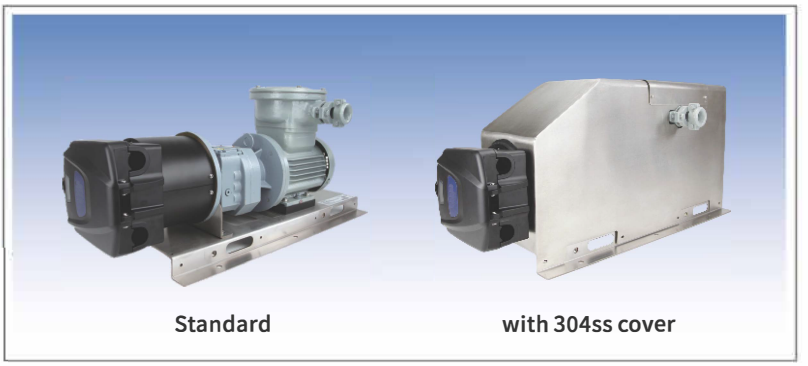
dPOFLEX®Explosion Proof Motor Pump

PP-EP01

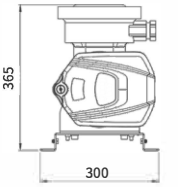
Max. Flow Rate:

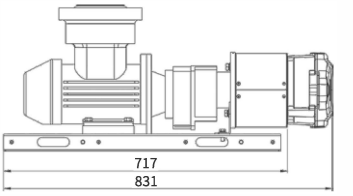


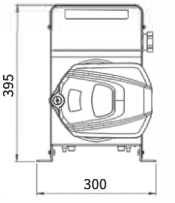


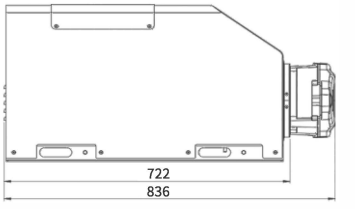
- Explosion proof motor
- Frequency Converter (Optional) to be used outside the hazardous location
- IP55 protection
- Explosion proof design pump heads with high flow rate up to 17L/min

Pump Drive	Pump speed	23rpm-265rpm
	Housing material	Cast iron (304ss protective cover is optional)
	Control mode	Frequency converter (to be used outside the hazardous location)
	Protection type	Ex d IIB T4 Gb
	Dimension (L*W*H)	765x300x400mm (without pump head)
	Power supply	3-phase AC 380V, 5Hz-60Hz
	Rated power	0.75kW
	Frequency range	5Hz-60Hz
	Working condition	5-40°C, relative humidity ⩽90% RH
	IP rating	IP55
	Weight	60kg (without pump head and 304ss cover)
Frequency Converter (Optional)	1-phase converter	Model: VFD4A8MS21ANSAA, Input: 1-phase AC220V
	3-phase converter	Model: VFD2A7MS43ANSAA, Input: 3-phase AC380V
	Running direction	CW or CCW
	Speed resolution	0.01Hz (based on the output frequency resolution of the converter)
	Control mode	Keypad control, remote control and communication control
	Display	Segment LED display
	External control	Output frequency could be controlled by analog signal: 0-10V, 0-20mA, 4-20mA; Manual/remote control mode, pump running direction, pump start/stop, could be controlled by digital signal
	Status output	Output 0-20mA or 4-20mA to indicate the frequency to pump; Output relay signal to indicate pump status such as running/stop, direction or alarm
	Communication control	Rs485 interface, Modbus RTU protocol









Pump Model (Product Code)	Pump Head	Roller Number	Tubing	Reference Max Flow Rate (L/min)
dPOFLEX PP-EP01 (05.02.82A)	GPH01-1	2	26#, 73#, 82#,184#	15
	GPH02-1	2	186#,188#	17
	GPH03-1	4	186#,188#	14