dPOFLEX®Explosion Proof Motor Pump

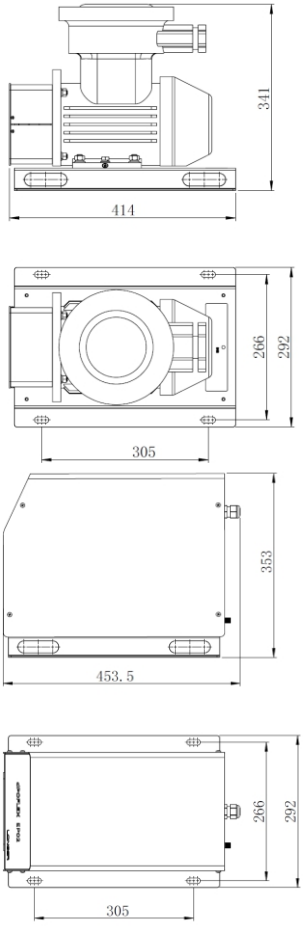
EP02 ,EP02-B



- Explosion proof AC motor: Ex d IIB T4 Gb
- Using frequency converter outside the hazardous location
- Motor with IP55 protection
- Could be mounted with several different pump heads, single pump head or stacked pump heads
- A wide range of flow rate: 4mL/min-12,000mL/min

PERISTALTIC PUMP

Pump Drive	Product model	dPOFLEX EP02	dPOFLEX EP02-B
	Housing material	Cast iron	304ss protective cover
	Pump speed	60rpm-600 rpm	
	Control mode	Frequency converter (to be used outside the hazardous location)	
	Protection type	Ex d IIB T4 Gb	
	Power supply	3-phase AC 380V, or 3-phase AC 220V	
	Frequency range	5Hz-60Hz	
	Dimension (LxWxH)	414×292×340mm (without pump head)	424×292×352mm (without pump head)
	Rated power	0.18kw	
	IP rating	IP55	
	Woking condition	Temperature: 5 - 40°C, Relative humidity ⩽90%RH	
	Weight	About 40kg (without pump head)	About 45kg (without pump head)
Frequency Converter (Optional)	1-phase converter	Model: VFD4A8MS21ANSAA, input: 1-phase AC220V	
	3-phase converter	Model: VFD2A7MS43ANSAA, input: 3-phase AC380V	
	Running direction	CW / CCW	
	Speed resolution	0.01Hz	
	Display	LED	
	Control mode	Keypad control, remote control and communication control	
	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	



Product Model (Product Code)	Pump Head	Tubing	Reference Flow Rate (mL/min)
dPOFLEX EP02 (05.02.85A) dPOFLEX EP02-B (05.02.85B)	(1, 2, 3, 4) x YZ1515x (3 rollers)	13#, 14#, 19#, 16#, 25#, 17#, 18#	4-2200
	(1, 2, 3, 4) x YZ1515x (6 rollers)	13#, 14#, 19#, 16#, 25#, 17#, 18#	4-1450
	(1, 2, 3, 4) x YZII15	13#, 14#, 19#, 16#, 25#, 17#, 18#	4-2200
	(1, 2, 3, 4) x YZ2515x	15#, 24#	100-1600
	(1, 2, 3, 4) x YZII25	15#, 24#, 35#, 36#	100-3000
	(1, 2) x KZ25	15#, 24#, 35#, 36#	200-6000