

EXPLOSION PROOF  
**Explosion-proof motors  
 peristaltic pump**  
**FB600**

Applicated in chemical industry, medical care  
 and other industries

Max flow:33000mL/min

Max speed  
 650rpm



Technical parameter	
Drive model	FB600
Max speed	650rpm
Max flow	33000mL/min
Display method	No display (with the inverter installed, the running frequency can be displayed)
Speed mode	Stepless speed (Manual adjustment with graduated handwheel)
Rated electricity	380V
Rated frequency	50Hz
Power	< 750W (3 power options of 0.25kW, 0.51kW, 0.75kW)
Size	460 x 160 x 215 (mm)
Protection level	IP55 (Only motor)
Electric explosion -proof level	ExdIIBT4

\* For specific needs, please consult Chuangrui Company.

### Motor explosion

Driven by explosion -proof motor, explosion -proof level is Exdiibt4

### Self -absorbing characteristics

The pump has a self -absorbing characteristic when running, and the maximum suction can reach 9 meters (the measurement medium is water)

### Adaptation of multi -pump head

You can install a variety of pump heads such as YZ series, TX series, KZ series



### Structural customization

Can be installed with a protective shell






### Motor protection

Motor protection level IP55, suitable for complex working environment



### Applicable industry

Can be used in chemical industry, food industry, medical industry, etc.

## Pump Head/Hose Specifications

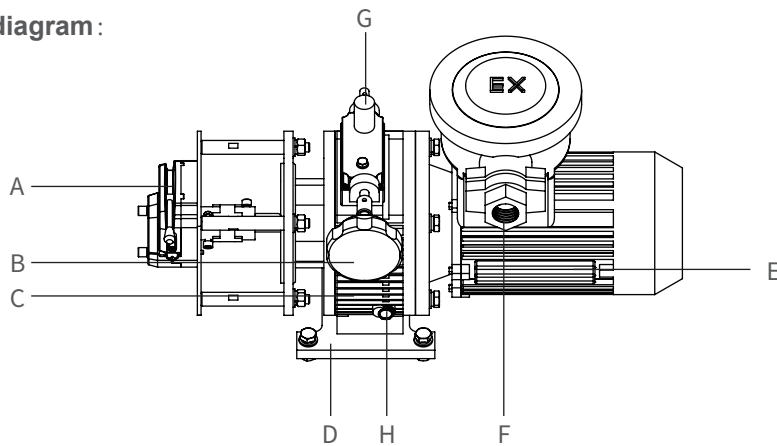
Pump head	Model	Hose Specifications	ID(mm)	Wall thickness (mm)	Max flow(mL/min)	Max speed (rpm)
	YZ1515x	13#	0.8	1.6	42	600
		14#	1.6	1.6	162	
		19#	2.4	1.6	306	
		16#	3.1	1.6	492	
		25#	4.8	1.6	1020	
		17#	6.4	1.6	1740	
		18#	7.9	1.6	2280	
	TX315	13#	0.8	1.6	28	400
		14#	1.6	1.6	106	
		19#	2.4	1.6	227	
		16#	3.1	1.6	399	
		25#	4.8	1.6	830	
		17#	6.4	1.6	1400	
		18#	7.9	1.6	1930	
	YZ2515x	15#	4.8	2.4	1020	600
		24#	6.4	2.4	1740	
	TX325	15#	4.8	2.4	760	400
		24#	6.4	2.4	1230	
	LP25-6-H	2.4x2.4	2.4	2.4	455	600
		3.2x2.4	3.1	2.4	700	
		15#	4.8	2.4	1505	
		24#	6.4	2.4	2345	
		35#	7.9	2.4	3255	
		36#	9.6	2.4	4500	

Note: The test environment for flow data is normal temperature and pressure, and the test fluid is water. The values are for reference only, please refer to the actual situation.

	KZ25	15#	4.8	2.4	1800	600
		24#	6.4	2.4	3000	
		35#	7.9	2.4	4200	
		36#	9.6	2.4	6000	
	YZ35	73#	9.6	3.3	7400	600
		82#	12.7	3.3	12000	
	YZ35-13	73#	9.6	3.3	7400	600
		82#	12.7	3.3	12000	
	KZ50	92#	25.4	4.8	33000	350

## Structure diagram

FB600 structure diagram:

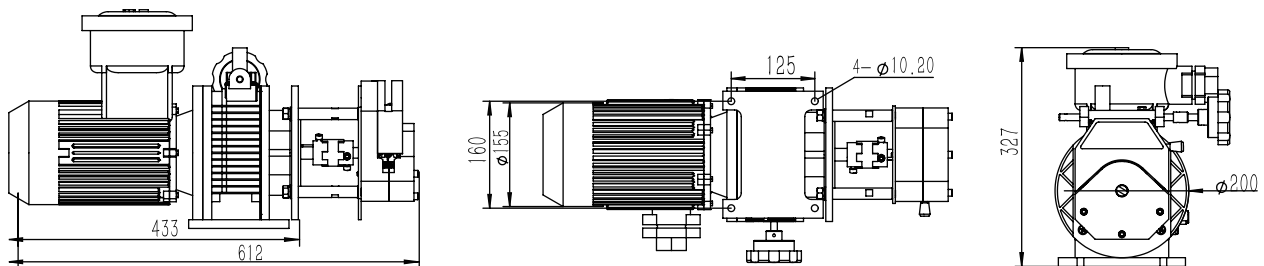


- A: Pump head (replaceable pump head)      B: Speed handwheel (adjustable speed)      C: Stepless gearbox (motor deceleration)  
D: Mounting base (can be reinforced with screws)      E: Explosion-proof motor (explosion-proof level ExdIIBT4)  
F: Cable hole (pass through the power cable)      G: Ventilation hole/oil filling hole (for ventilation and oil filling before use)  
H: Oil level (oil level display)

## Dimensions

Note: The value is for reference only, please refer to the actual.

FB600 Dimensions:



(unit: mm)

\* Technical parameters are subject to change without notice