

Mechanical Diaphragm Metering Pumps

BFD Series



BFD pumps are mechanical diaphragm metering pumps featuring a mechanical return mechanism in an aluminium housing.

Features

FLOW RATE	from 20 to 500 L/h
MAX PRESSURE	12bar
DIAPHRAGM DIAMETER	from 64 to 165 mm
STROKE LENGTH	2 mm 4 mm 62 mm
MOTOR	0.37kw 0.55kw(IP55)

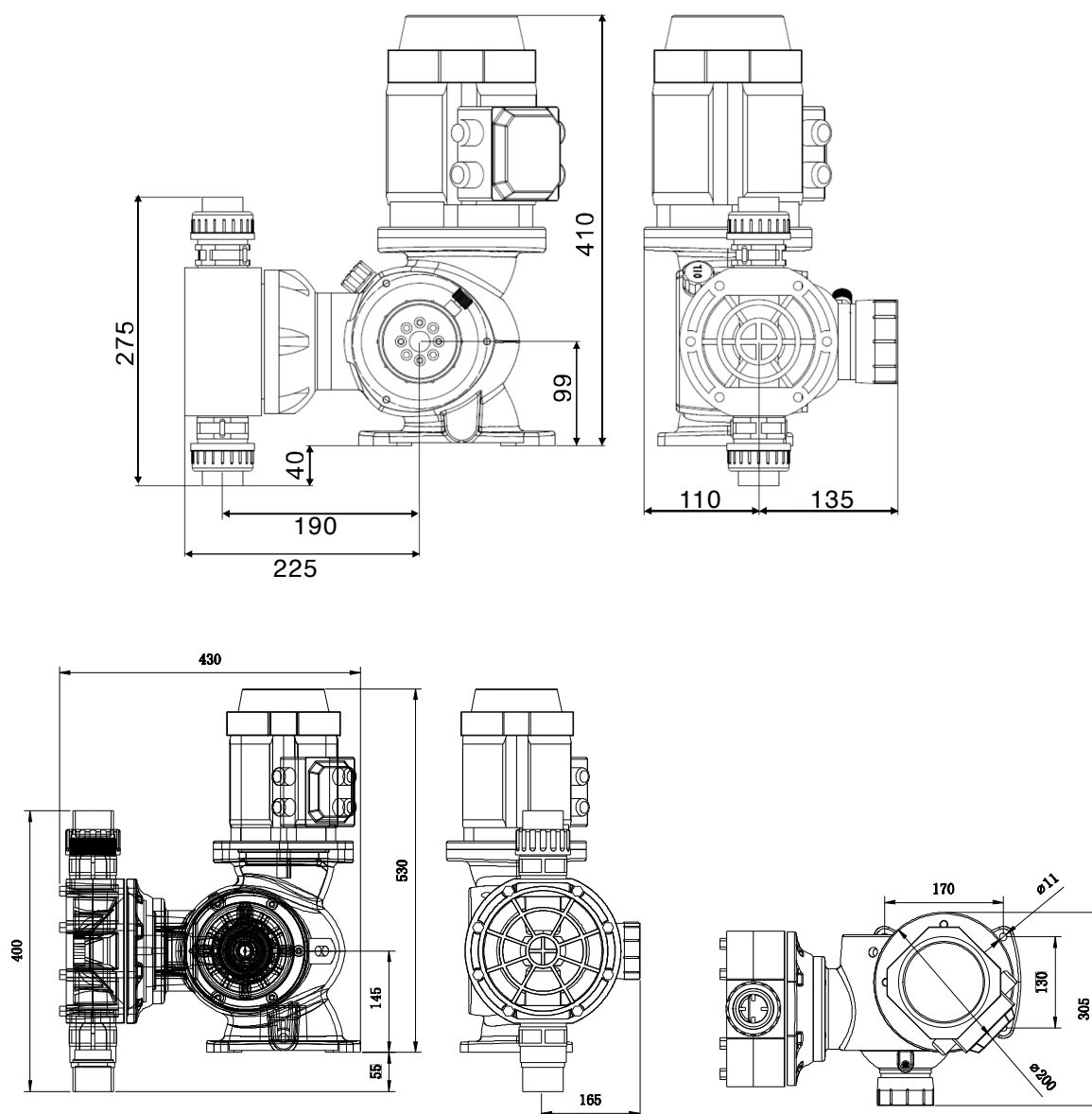
Technical features

Model	Flow rate (L/H)	Max Pressure (Bar)	Consumption (kw)	Connections	Weight (kg)	Carton size L x W x H(mm)
BFD020	22	12	0.37	Dn15	18	420x290x490
BFD050	50	12	0.37	DN15	18	
BFD080	85	10	0.37	DN15	18	
BFD120	120	7	0.37	DN15	18	
BFD170	170	7	0.37	DN15	18	
BFD240	240	7	0.37	DN15	18	
BFD300	320	5	0.55	DN25	18	
BFD400	400	5	0.55	DN25	18	
BFD500	500	5	0.55	DN25	18	
BFM0230	230	10	0.75	DN15	30	480x320x610
BFM0330	330	10	0.75	DN25	30	
BFM0400	400	10	0.75	DN25	30	
BFM0460	460	7	0.75	DN25	30	
BFM0550	550	7	0.75	DN25	30	
BFM0650	650	4	0.75	DN40	40	
BFM1000	1000	4	0.75	DN40	40	
BFM1200	1200	4	0.75	DN40	40	
BFM1500	1500	3	1.1	DN40	40	
BFM1800	1800	3	1.5	DN40	40	
BFM2000	2000	3	1.5	DN40	40	

Pump identification

BFD	500	P05	T	P	H	33	00
Series	Flow rate	Pressure	Diaphragm materials	Pump head materials	Connections	Motor	Optional
			T:PTFE	P:PVC D:PVDF S:SS304 L:SS316	H:hard pipe F:Flange S:Threaded	12:1Φ220V General motors 32:3Φ220V General motors 33:3Φ380V General motors 3S:3Φ380V Frequency conversion motor 3X:3Φ380V Explosion-proof motor	

■ Dimensional drawings



■ Liquid end material

Pump head	Diaphragm	Valves	Valves seats	Seal
PVC	PTFE	Ceramic	PVC	FPM(Standard) EPDM(Option)
PVDF	PTFE	Ceramic	PVDF	FPM(Standard) EPDM(Option)
SS304	PTFE	SS304	SS304	FPM(Standard) EPDM(Option)
SS316	PTFE	SS316	SS316	FPM(Standard) EPDM(Option)