

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

Features

FLOW RATE	from 25 to 500 L/h
MAX PRESSURE	10bar
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)
BFDSQ025	25	10	0.37	DN15	18	420x290x490
BFDSQ050	50	10	0.37	DN15	18	
BFDSQ080	85	10	0.37	DN15	18	
BFDSQ120	120	10	0.37	DN15	18	
BFDSQ170	170	7	0.37	DN15	18	
BFDSQ 265	265	7	0.37	DN15	18	
BFDSQ330	330	5	0.55	DN25	18	
BFDSQ420	420	5	0.55	DN25	18	
BFDSQ500	500	5	0.55	DN25	18	

Liquid end material

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

Pump identification

BFDSQ	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

