ELECTRIC DIAPHRAGM PUMP

BY Series
Diaphragm pump

Use

Pumping peanut butter, pickled cabbage, mashed potato, hops and yeast slurry, syrup, molasses, etc..

Pump suction adhesive and glue, a variety of tile, porcelain, pottery glaze. All kinds of abrasive, corrosive, oil and mud. A variety of highly toxic, flammable, volatile liquid. All kinds of strong acid, strong alkali, strong corrosion liquid.

Design feature

Diameter of 10mm particles can be transported, pumping mud, impurity, little wear on the pump.

Without irrigation water, suction lift up to 7 meters, lift up to 50 meters.

The performance is good, can convey some not easy flow of medium, has many advantages and suction pump, submersible pump, shield pump, slurry pump and impurity pump.

No rotating parts, no shaft seal diaphragm movement part pumping medium and pump, working medium are completely separated, the transmission medium does not leak out.

Model meaning

Q - D - BY - 50

QBY	Pneumatic diaphragm pump
DBY	Electric diaphragm pump
50	Diameter DN50



Performance data

BY Series

Type	Flow	Self-priming height	Head	Power	Speed	The use of temperature		Aperture	Weight
Type	FLOW m^3/h	HEIGHT m	HEAD m	POWER kw	SPEED r/min	USE TEMPERATURE IRON	USE TEMPERATURE STEEL	APERTURE	WEIGHT
DBY-10	0.5	3	30	0.55	1450	90	150	3/8Silk buckle	50
DBY-15	0.75	3	30	0.55	1450	90	150	1/2Silk buckle	50
DBY-25	3.5	4	30	1.5	1450	90	150	1Silk buckle	170
DBY-40	4.5	4	30	1.5	1450	90	150	IN11/2Silk buckle EX口11/4Silk buckle	170
DBY-50	6.5	4.5	30	3.0	1450	90	150	50mmFlange	300
DBY-65	8	4.5	30	3.0	1450	90	150	65mmFlange	300
DBY-80	16	5	30	5.5	1450	90	150	80mmFlange	400
DBY-100	20	5	30	5.5	1450	90	150	100mmFlange	400

Type	Flow	Head	Self-priming height	The maximum allowed by the particle diameter	Maximum supply pressure	The maximum air consumption
Type	FLOW m^3/h	HEAD m	HEIGHT m	MAXIMUM DIAMETER mm	MAXIMUM SUPPLY PRESSURE kgf/cm^2	MAXIMUM AIR CONSUMPTION m^3/min
QBY-10F	0.8	50	3	1	7	0.3
QBY-15F	1.0	50	5	1	7	0.3
QBY-25F	2.4	70	5	2.5	7	0.6
QBY-40F	8.0	70	5	4.5	7	0.6
QBY-50F	12	70	5	8	7	0.9
QBY-65F	16	70	5	8	7	0.9
QBY-80F	24	70	5	10	7	1.5
QBY-100F	30	70	5	10	7	1.5



