

# Direct Current “RHB” Instrumentation Pumps



- 12, 24, 90 VDC motors with close-coupled RH Pump Heads.
- Widely used to inject discrete quantities of additive fluids into main discharge lines of tank trucks and pest control vehicles.
- Ideal for environmental sampling & injection.
- Offers the advantage of mechanical adjustment of stroke length, plus electrical control of stroke rate by voltage variation.
- Extended motor shaft accepts FMI HES/PRS Rotational Sensor or user supplied rotational sensor (see page 20 for more info).



## RHB Pumps

MAX. Flow/Pressure			Complete Pump Assembly	Wetted Parts	MAX. Temp	Price
ML/MIN	PSIG	BAR				
65	100	6.90	RHB00SKY	316 SS/PVDF/Carbon	140° F	
130			RHB0CKC	Ceramic / PVDF	212° F	
260			RHB1CKC			

### RHB

**Dimensions:**  
8" x 3" x 3" wide  
(203 x 76 x 76 mm)

**Shipping weight:**  
7 lb (3.15 kg)

**Electrical:**  
12 VDC, 4 amps, 2600 RPM, totally enclosed, with 6" pigtail leads. Shaft extension: 5/16" dia. x 1" long with flat.

### Drive Options

**24 VDC (3 amps) for RHB**  
Part Number: -4  
Price:

**90 VDC (0.41 amps) for RHB**  
Part Number: -5  
Price:

# Direct Current “QB” For Mobile, and Remote Applications

- No Valves to clog, hang up or service.
- One Moving Part - Piston.
- Drift Free accuracy better than  $\pm 1\%$ .
- Offers the advantage of mechanical adjustment of stroke length, plus electrical control of stroke rate by voltage variation.
- Extended motor shaft accepts FMI HES/PRS Rotational Sensor or user supplied rotational sensor (see page 20 for more info).



### QB

**QB PUMPS:** Rated at 1800 RPM (or approximately 8 volts for 12 VDC models.)

**Dimensions:**  
10 1/2" x 5" x 4 1/2" wide  
(267 x 127 x 114 mm)  
**Shipping weight:** 8 lb (3.6kg)

**Electrical:**  
12 VDC, 4 amps; 24 VDC, 3 amps  
90 VDC, 0.41 amps, totally enclosed with 6" pigtail leads. Shaft extension: 5/16" dia. x 1" long with flat.

Example: Drive + Pump Head = Complete Pump  
QB + Q1CKC =

## QB PDM (PUMP DRIVE MODULE)

MAX. Flow/Pressure			PDM	Piston Code	Drive Price
ML/MIN	PSIG	BAR			
45	100	6.90	QB	RH00	
90				RH0	
144				Q0	
180	RH1				
576*	70	4.38		Q1	
1296*	30	2.07		Q2	
2304*	25	1.72	Q3		



### Drive Options

**Dial Indicator (pg.22)**  
Part Number: -Q485  
Price:

**Mounting Base (pg.14)**  
Part Number: -MB  
Price:

**90 VDC (0.41 amps)**  
Part Number: -5  
Price:

\*See Page 27 for General Specification notes

