

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 user supplied Rotational Sensor.



QB

QB PUMPS: Rated at 1800 spm (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 QB + Pump Head Q1CKC = Complete Pump

QB PDM (PUMP DRIVE MODULE)

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



Drive Options

Dial Indicator (pg.28)

Part Number: **-Q485**

Price:

Mounting Base (pg.14)

Part Number: **-MB**

Price:

90 VDC (0.41 amps)

Part Number: **-5**

Price:

*See Page 3 for General Specification notes

PHM (PUMP HEAD MODULE)

Piston Size Code	Materials of Construction								
	CKC	CKY	CSC	CSY	SAN	SKY	SSY	STY	CTC
RH00									
RH0									
RH1									
Q0									
Q1									
Q2									
Q3									
Wetted Parts	Ceramic PVDF	Ceramic PVDF Carbon	Ceramic 316 SS	Ceramic 316 SS Carbon	Ceramic Teflon	316 SS PVDF Carbon	316 SS Carbon	316 SS Tefzel Carbon	Ceramic Tefzel
MAX.Temp	212° F	212° F	350° F	350° F	350° F	140° F	140° F	140° F	212° F
Options	(add Option Code & cost to Pump Module for complete price and part number)								
LF (pg.27)	N/C	N/C				N/C		N/C	N/C
W (pg.26)									
WT (pg.26)									
TC (pg.26)									
R479 (Pg.28)									
S ("Q" Only)									

*See page 4 "Pump Head Materials Configuration" for additional information.

**Q1 & Q2 = \$30 / Q3 = \$40



RATIO:MATIC®

Q2B

Q2B Pump: is a proportional dual head, pump drive module.

Price:

Dimensions: 15" x 4 7/8" x 5 1/8" wide (381 x 124 x 130 mm)

Shipping weight: 13 lb (5.89 kg)

Electrical: 12 VDC, 4 amps; 90 VDC, 0.41 amps, totally enclosed with 6" pigtail leads.

Fluid Techs Ready to help you !



Pneumatic "PD"

For Non Electric Operation



- Provides a compact, variable speed, air powered drive.
- Ideal power alternative when electrical power source not available.
- SPD** up to 1800 strokes per minute.
- GPD** up to 400 strokes per minute.



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

SPD PDM (PUMP DRIVE MODULE)

MAX. Flow/Pressure			PDM	Piston Code	Drive Price
ML/MIN	PSIG	BAR			
45	100	6.90	SPD	RH00	
90				RH0	
144				Q0	
180				RH1	
576				Q1	
1296	50	3.45	GPD	Q2	
2304	25	1.72		Q3	

GPD PDM (PUMP DRIVE MODULE)

MAX. Flow/Pressure			PDM	Piston Code	Drive Price
ML/MIN	PSIG	BAR			
10.00	100	6.90	GPD	RH00	
20.00				RH0	
32.00				Q0	
40.00				RH1	
128.00				Q1	
288.00*	40	2.76	GPD	Q2	
512.00*	25	1.72		Q3	



*See Page 3 for General Specification

PHM (PUMP HEAD MODULE)

Piston Size Code	Materials of Construction								
	CKC	CKY	CSC	CSY	SAN	SKY	SSY	STY	CTC
RH00									
RH0									
RH1									
Q0									
Q1									
Q2									
Q3									
Wetted Parts	Ceramic PVDF	Ceramic PVDF Carbon	Ceramic 316 SS	Ceramic 316 SS Carbon	Ceramic Teflon	316 SS PVDF Carbon	316 SS Carbon	316 SS Tefzel Carbon	Ceramic Tefzel
MAX.Temp	212° F	212° F	350° F	350° F	350° F	140° F	140° F	140° F	212° F
Options	(add Option Code & cost to Pump Module for complete price and part number)								
LF (pg.27)	N/C	N/C				N/C		N/C	N/C
W (pg.26)									
WT (pg.26)									
TC (pg.26)									
R479 (Pg.28)									
S ("Q" Only)									

*See page 4 "Pump Head Materials Configuration" for additional information.
 **Q1 & Q2 = \$30 / Q3 = \$40

SPD GPD

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

Specification:

SPD: Air requirements
 9-10 CFM at 40 psig.
 Air Inlet size: 1/8" (F) NPT.

GPD: Heavy-duty gear box
 Air requirements:
 14-16 CFM at 40 psig.
 Air Inlet size: 1/8" (F) NPT.

Shipping weight: 9 lb (4.05 kg).



Q485 Dial Indicator for ultra fine flow adjustment
 Price: (pg 28 for more info)

*Can't decide?
 Call us, we have the answers.*

