



# “QD” High Speed - High Flows

## For General Lab and Industrial Use



**QD** CE

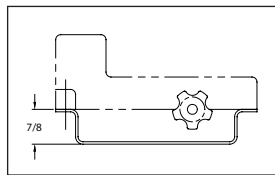
**Dimensions:**  
9 3/4" x 4 3/4" x 5 3/8"  
(248 x 121 x 137mm)

**Shipping weight:**  
10 lb (4.5 kg)

**Electrical:**  
115 VAC, 60Hz, 1Ø, 1.25 amps,  
1/25 Hp, 1725 spm, shaded 4  
pole, TEFC, sparkless, thermally  
protected with 3 prong power cord.  
UL,CE.



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



### “Q” FIXED MOUNTING BASE KIT MB

Sturdy mounting base  
accessory for “Q” Line  
metering pumps. Allows pumps  
to be firmly bolted to surface in  
horizontal or vertical operating  
position. Hardware for attaching  
base to pump and instructions  
included. **Price:**

- No Valves to clog, hang up or service.
- Ceramic and fluorocarbon standard wetted materials.
- One moving part - piston.
- Drift-Free accuracy better than  $\pm 1\%$ .
- Flow rate infinitely adjustable from 0 to 2200 ml/min in either direction.
- Convenient multi-position tilt stand for wall or counter mounting.
- Rugged, long life, fan cooled, thermally protected, ball bearing motor.

Example: Drive QD + Pump Head Q3CKC = Complete Pump

### QD PDM (PUMP DRIVE MODULE)

MAX. Flow/Pressure				PDM	Piston Code	Drive Price
ML/MIN	GAL/HR	PSIG	BAR			
43.13	0.681				RH00	
86.25	1.3				RH0	
138.0	2.1				Q0	
172.50	2.7	100	6.9	QD	RH1	
552	8.6				Q1	
1242*	18.9	50	3.45		Q2	
2208*	30.0	25	1.72		Q3	

\*See General Specifications note (pg 3)



Drive Options
230 VAC (50 Hz)* Part Number: -2 <b>Price:</b>
<b>Mounting Base</b> Part Number: -MB <b>Price:</b>
<b>Dial Indicator (pg.28)</b> Part Number: -Q485 <b>Price:</b>
<b>Hazardous Duty (Pg 18)</b> Part Number: QDX <b>Price:</b>

### 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									
<b>Wetted Parts</b>	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
<b>MAX.Temp</b>	212° F	212° F	350° F	350° F	350° F	140° F	140° F	140° F	212° F
<b>Options</b>	(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





# "X" Hazardous-Duty

- No Valves to clog, hang up or service.
- One Moving Part - Piston.
- Drift-Free accuracy better than  $\pm 1\%$ .
- **Class I, Group D for QSYX2**
- **Class I, Group D; Class II, Group E, F, G for QDX**



## QSYX2

Synchronous Class I, Group D

**Dimensions:**

10 1/4" x 6 3/4" x 6" wide  
(260 x 171 x 152mm)

**Shipping weight:**

27 lb (12.15 kg)

**Electrical:**

230 VAC, 50/60 Hz, 1Ø, 0.4 amps, 60/72 spm, totally enclosed, ball bearing, with 3 #18 leads 12" long which exit through 1/2" straight pipe-tap hole for conduit. UL listed motor. Class I, Group D



## QDX

The **QDX** High Flow Hazardous-Duty Class I, Group D; Class II, Group E, F, G

**Dimensions:**

17 3/4" x 6 7/8" x 8 1/2" wide  
(451 x 175 x 216mm)

**Shipping weight:**

43 lb (19.35 kg)

**Electrical:**

115/230 VAC, 60 Hz, 1Ø, 1/3 hp, ball bearing UL listed motor, 1725 spm, pigtail leads for conduit connection. Motor is totally enclosed fan cooled. 6.6 amps @ 115 VAC and 3.3 amps @ 230 VAC.

Drive	+	Pump Head	=	Complete Pump
Example: QSYX2	+	Q1CKC	=	

### QSYX PDM (PUMP DRIVE MODULE)

MAX. Flow/Pressure				PDM	Piston Code	Drive Price
ML/MIN	PSIG	BAR	ML/MIN			
1.8	.03			QSYX2	RH00	
3.60	.06	100	6.90		RH0	
5.76	.09				Q0	
7.20	.11				RH1	
23.0	.36				Q1	
51.8	.82				Q2	
92.1	1.44	25	1.72		Q3	

### Drive Options

Dial Indicator (pg. 28)

Part Number: -Q485

Price:

### QDX PDM (PUMP DRIVE MODULE)

MAX. Flow/Pressure			PDM	Piston Code	Drive Price
ML/MIN	PSIG	BAR			
43.13			QDX	RH00	
86.25	100	6.90		RH0	
138				Q0	
172.50				RH1	
552*				Q1	
1242*				Q2	
2208*	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									
<b>Wetted Parts</b>	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
<b>MAX.Temp</b>	212° F	212° F	350° F	350° F	350° F	140° F	140° F	140° F	212° F
<b>Options</b>	(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)									
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TC (pg.26)									
R479 (Pg.28)									
S ("Q" Only)									

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

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