

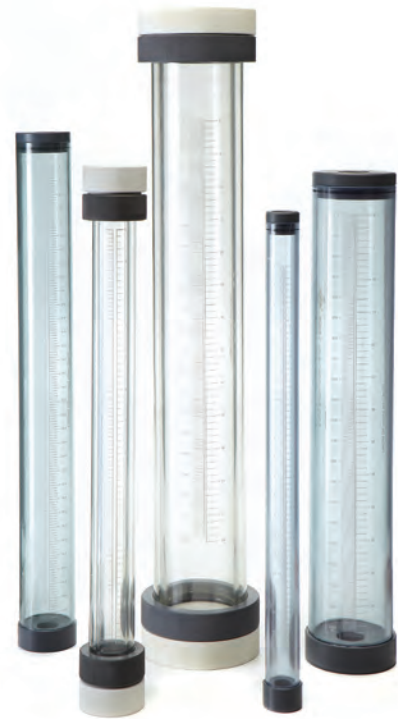
Calibration Cylinders

The calibration cylinder verifies the flow rate of your Hydra-Cell metering pump, providing a visual indicator that your system is operating within the required parameters for performance and accuracy.

Available in PVC and glass, calibration cylinders are selected based on cylinder capacity needed (gph or lph) as determined by the maximum shaft rpm of your pump. Models are available for both NPT and BSPT ports.

Selection Process

1. Size the appropriate P Series pump to the application (refer to pump specifications for complete information).
2. Use the application rpm to select the appropriate cylinder from the chart below.



Cylinder Size					
mL	30	200	1000	2000	10000
Capacity					
gph	0.95	6.4	32	64	320
lph	3.6	24	120	240	1200
Pump Model	Maximum Pump Shaft (rpm)				
P100 (F20)	36	200	1000	1750	-
P200 (M03)	-	75	300	600	1750
P300 (D04)	-	75	300	600	1750
P400 (D10)	-	30	110	210	1000
P500 (D15/D17)	-	-	60	115	600
P600 (H25)	-	-	30	60	275

Port C	Cylinder Size (mL)	Part Number		Dimensions - in (mm)	
		NPT Ports	BSPT Ports	A	B
PVC Cylinders					
1/2"	200	111-001	111-001-B	19.0 (482.6)	1.5 (38.1)
3/4"	1000	111-003	111-003-B	22.0 (558.8)	2.5 (63.5)
1"	2000	111-004	111-004-B	20.0 (508.0)	3.7 (94.0)
2"	10000	111-006	111-006-B	25.0 (635.0)	6.95 (176.5)
Glass Cylinders					
1/4"	30	111-010	111-010-B	14.0 (355.6)	1.4 (35.6)
1/2"	200	111-011	111-011-B	21.0 (533.4)	2.5 (63.5)
3/4"	1000	111-013	111-013-B	27.0 (685.8)	3.5 (88.9)
1"	2000	111-014	111-014-B	27.0 (685.8)	5.0 (127.0)

