

# BH06 1/4" positive displacement flowmeter

Model	BH06-ORS3-BSP	BH06-OSS3-BSP	BH06-OSSH3-BSP
			(HP model)
<b>Meter Type</b>	pulse	pulse	pulse
<b>Meter Body Material</b>	PPS	316 SS	316 SS
<b>Wetted Components:</b>			
Rotor Material	316 SS/ceramic	316 SS/ceramic	316 SS/ceramic
Shafts	316 SS	316 SS	316 SS
O'ring	viton	viton	viton
<b>Flow Rate Ranges</b>	(litres/US gal per hr)	(litres/US gal per hr)	(litres/US gal per hr)
Above 5 CPS	2-100/0.53-26.4	2-100/0.53-26.4	2-100/0.53-26.4
Below 5 CPS	5-100/1.32-26.4	5-100/1.32-26.4	5-100/1.32-26.4
<b>Accuracy of reading</b>	+/- 1%	+/- 1%	+/- 1%
<b>Repeatability</b>	0.03%	0.03%	0.03%
<b>Max. Viscosity</b>	1000 centipoise	1000 centipoise	1000 centipoise
<b>Max. Operating Pressure</b> (kPa/psi/bar)	500/75/5	1000/150/10	55160/8000/551
<b>Pulser Type</b>	hall effect sensor or reed switch	hall effect sensor or reed switch	hall effect sensor or reed switch
<b>Pulses per litre/US gal</b>	1000/3785.4	1000/3785.4	1000/3785.4
<b>Model Dimensions</b>			
Meter Body	50mm x 50mm	50mm x 50mm	86mm x 110mm
Port Face To Face	65mm/2.58"	65mm/2.58"	83mm/3.26"
<b>Weight</b>	240g/0.5lb	600g/1.3lb	3.3kg/7.3lb
<b>Max. Operating Temp.</b>	80°C/176°F	120°C/248°F	120°C/248°F
<b>Recommended Strainer</b>	200 mesh	200 mesh	200 mesh

PPS = polyphenylene sulfide resins

SS = stainless steel

Y = switch operation ? specify 'H' for hall effect or 'R' for reed switch

X = port size - to order a flowmeter replace the 'X' with the relevant number,

which will determine the following specifications:



Port Size	Calibrated In	Electrical Connections
1 = 1/4" BSP (F) ports	litres	1m/39" pulser fly lead
2 = 1/4" NPT (F) ports	US gallons	1m/39" pulser fly lead
1 = 1/4" BSP (F) ports *	litres	20mm (F) conduit thread
2 = 1/4" NPT (F) ports *	US gallons	1/2" NPT (F)

# BH07 1/4" positive displacement flowmeter

Model	BH07-ORS3-BSP	BH07-OSS3-BSP	BH07-OSSH3-BSP
			(HP model)
Meter Type	pulse	pulse	pulse
Meter Body Material	PPS	316 SS	316 SS
Wetted Components:			
Rotor Material	316 SS/ceramic	316 SS/ceramic	316 SS/ceramic
Shafts	316 SS	316 SS	316 SS
O'ring	viton	viton	viton
Flow Rate Ranges	(litres/US gal per hr)	(litres/US gal per hr)	(litres/US gal per hr)
Above 5 CPS	15-500/4-132	15-500/4-132	15-500/4-132
Below 5 CPS	25-500/7-132	25-500/7-132	25-500/7-132
Accuracy of reading	+/- 1%	+/- 1%	+/- 1%
Repeatability	0.03%	0.03%	0.03%
Max. Viscosity	1000 centipoise (>1000 option)	1000 centipoise (>1000 option)	1000 centipoise (>1000 option)
Max. Operating Pressure (kPa/psi/bar)	500/75/5	1000/150/10	55160/8000/551
Pulser Type	hall effect sensor or reed switch	hall effect sensor or reed switch	hall effect sensor or reed switch
Pulses per litre/US gal	400/1514.2	400/1514.2	400/1514.2
Model Dimensions			
Meter Body	50mm x 50mm	50mm x 50mm	86mm x 110mm
Port Face To Face	65mm/2.58"	65mm/2.58"	83mm/3.26"
Weight	240g/0.5lb	600g/1.3lb	3.3kg/7.3lb
Max. Operating Temp.	80°C/176°F	120°C/248°F	120°C/248°F
Recommended Strainer	200 mesh	200 mesh	200 mesh

PPS = polyphenylene sulfide resins

SS = stainless steel

Y = switch operation ? specify 'H' for hall effect or 'R' for reed switch

X = port size - to order a flowmeter replace the 'X' with the relevant number,

which will determine the following specifications:



Port Size	Calibrated In	Electrical Connections
1 = 1/4" BSP (F) ports	litres	1m/39" pulser fly lead
2 = 1/4" NPT (F) ports	US gallons	1m/39" pulser fly lead
1 = 1/4" BSP (F) ports *	litres	20mm (F) conduit thread
2 = 1/4" NPT (F) ports *	US gallons	1/2" NPT (F)