



**POLARIS**  
Laboratories, LLC








# KP Series Pushbutton Sampling Valve



## Ideal For:

Hydraulics  
Transmissions  
Industrial  
Marine

Engines  
Compressors  
Construction  
Trucking

-  No probes required
-  **FAST:** Sample pressurized systems in seconds
-  **ACCURATE:** Taps hot active fluid
-  **RELIABLE:** Dual sealing tested for 1 million cycles
-  Installs in minutes for many popular applications
-  Compact design with a choice of threads and seals
-  Unique rotating spout allows one hand sampling

### Order Numbers

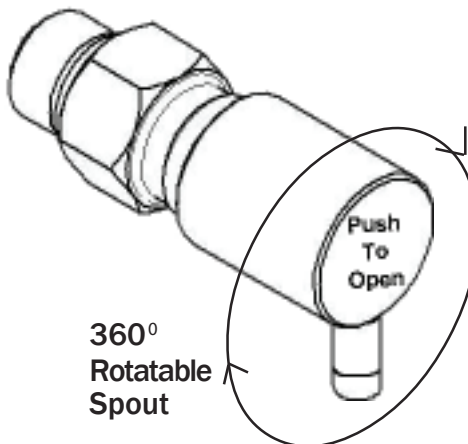
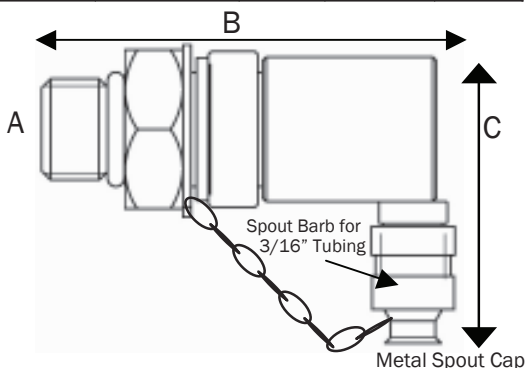
Part #	A	B	C	Hex
VB18	1/8" NPT	1.7" (43 mm)	1.27" (32.26 mm)	0.688" (18 mm)
VB14	1/4" NPT	1.9" (48 mm)	1.27" (32.26 mm)	0.688" (18 mm)
VB716	7/16-20 SAE ORB	1.7" (43 mm)	1.27" (32.26 mm)	0.688" (18 mm)
VB916	9/16-18 SAE ORB	1.7" (43 mm)	1.27" (32.26 mm)	0.688" (18 mm)
VBM14	14X1.5 Metric	2.4" (61 mm)	1.27" (32.26 mm)	0.688" (18 mm)

### Materials

Component	Material
Body	Carbon Steel
Button/Spout/Cap	Brass
Seals	Viton or Nitrile
Valve	Brass
Spring	Carbon Steel

### Operational

Specification	Valve
Sampling Pressure Range	5 psi to 750 psi (0.3 to 52 bar)
Max Operating Pressure	6000 psi (414 bar)
Max Burst Pressure	24000 psi (1655 bar)
Viton™ Seal Temperature	-15 to +400°F (-26 to +204°F)



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