Specifications

- Capacity $C_{\text{max}}$ (nominal): 1500 pF
- Capacity $C_{\text{min}}$ (nominal): 90 pF
- Voltage (Peak Test $U_{\text{pt}}$ / Peak Working $U_{\text{pw}}$): 5 kV / 3 kV
- Capacity Tolerance (linear Range): 10%
- Max. Current $I_{\text{max}}$ at 13.56 MHz with Water Cooling: 131 Arms
- Self Inductance: $\leq 7$ nH
- Capacitance per turn: 116.7 pF/turn
- Torque: $\leq 0.4$ Nm
- Net Weight: 1.7 kg

Imax for 1 l/min water cooling; max. water temp. at inlet: 70°C

Data-Sheet - Variable Vacuum Capacitor - Power-Con Series

CVPO-1500BW/5-AACA-A

Old Type Designation: CV05W-1500PNV

Technical information in Service Bulletin SB-52 must be considered

Note: Technical information in Service Bulletin

Issue: 09-Jun-2005

Replaces: 17-Jan-2005
Slamindex at 90 ± 2 pF at -0.1 ± 0.05 turns
Mechanical stop at > 1500 pF at ~ 12.2 turns

### Special Features:
- Slam Index

### Type Ordering Information:
- CVPO-1500BW/5-AACA-A: 5 kV
- CVPO-1500BW/3-AACA-A: 3 kV