

HIGH TEMPERATURE -TBVS-HT-.375



TBVS-HT-.375

The HT (High Temperature) style units evolved through custom development with customer partners in the petroleum industry. These unique products are designed for the harshest of environments, they are able to withstand the high pressure, high rpm, and extreme temperature typically associated with downhole tooling applications. These units are able to run in synthetic oil. Each unit is manufactured with an anodized aluminum encasement. Our standard unit is manufactured with 2 foot leads on each end.

The TBVS-HT-.375 is a 6 ring unit designed to fit on a small shaft of .375 inches. If your application requires a smaller bore size, we can install a reducing sleeve with the required bore size for a nominal charge.

Standard Specifications

Operating Current	3.5 amps per ring
Operating Voltage	500 VAC
Electrical Noise	Noise $5\mu\text{V}$, P-P, BW=10Hz-10kHz at 8.5 mA, 500rpm
Leakage Resistance	10,000 M Ω (min)
Temperature Range	-30°F to 392°F
Encasement	Anodized aluminum
Ring Material	Solid coin silver
Brush Springs	Beryllium copper
Brush Contacts	Two 80% silver-20% graphite contacts per ring
Insulation	Peek
Leads	24 AWG TFE covered wire, 2 ft long

Options

Wire leads	Longer leads than 2 ft. standard lengths
Mounting	To customer specifications

Sample Applications Include:

Signal Transfer
Measurement and Sorting Equipment
Stress and Torque Readings
Bottling and Beverage Machines
Downhole Tools



IEC CORPORATION

3100 Longhorn Blvd. Austin, Texas 7875807696 USA
512-836-0547, Fax 512-834-1082
www.ieccorporation.com