



### Working Conditions:

Speed            20m/s  
 Temperature   -20°C to 180°C

The SBIP is a non-contact bearing protector that is IP66 certified, meeting the requirements for electric motors SANS 60529: 2013 Ed 1.2 / IEC 60529: 2013 Ed 2.2 degrees of protection provided by enclosure (IP Code). The external labyrinth of the SBIP prevents dust and moisture from entering the bearing chamber

The SBIP offers a significant increase in equipment life by ensuring by preventing contamination of the bearing. This is achieved by the Ingress Protection O-Ring. During operation centrifugal force pushes the Ingress Protection O-Ring out, which opens the micro gap, allowing the equipment to breath. The SBIP protects the bearings by stopping contamination. When the equipment stops, the Ingress Protection O-Ring closes the micro-gap preventing the ingress of moisture and dust.

### Features:

- Custom design
- Unitized assembly
- Non-contact
- Press fit or flange fit
- Ingress protection ring
- IP66 certified

### Benefits:

- Increased equipment life
- Improved uptime
- Increased operational profit
- Reduced bearing failure
- Reduced maintenance cost
- Quick manufacture time
- Ease of assembly

THE RESULT IS EXCELLENT EQUIPMENT LIFE AND RELIABILITY