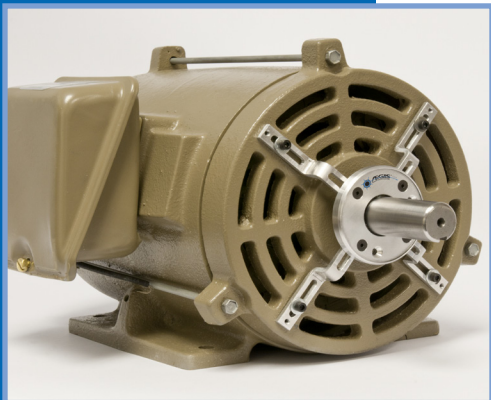
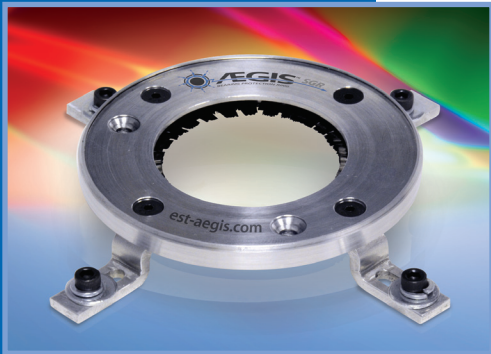
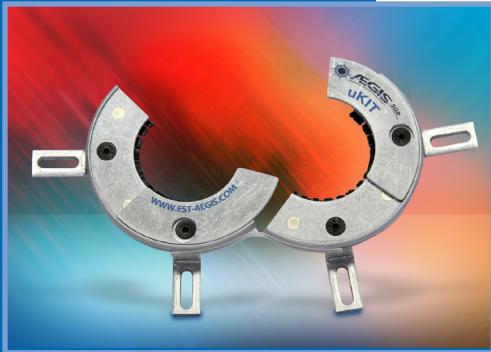


AEGIS® SGR uKIT Bearing Protection Ring for NEMA and IEC Motors - *Universal Mounting Brackets in a Solid and Split Ring Design*

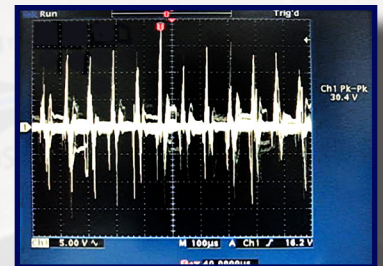
**NEW
Split uKIT**



PROBLEM:

VFD Induced Shaft Voltages Damage Bearings

The use of variable frequency drives (VFD) with AC motors induce electrical voltages on the motor shaft. Once they exceed the resistance of the bearing lubricant, these voltages discharge to ground (typically the motor housing), causing fusion craters in the bearings. Over time, these craters increase in size and number, resulting in frosting, pitting, fluting, and eventually bearing failure. This type of premature bearing failure can cost thousands of dollars in increased maintenance and lost production.

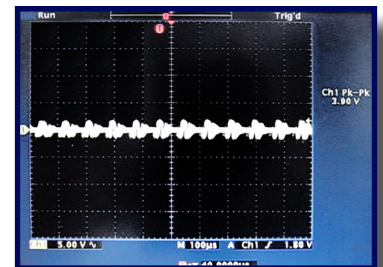


Shaft voltage reading
with no protection

SOLUTION:

AEGIS® SGR - Electrical Bearing Damage Protection

The new AEGIS® SGR Conductive MicroFiber™ Bearing Protection Ring prevents electrical damage to motor bearings by safely channeling harmful currents to ground. Using proprietary Electron Transport Technology, the conductive microfibers inside the AEGIS® SGR provide the path of least resistance for damaging bearing currents, preventing electrical damage to motor bearings and dramatically extending motor life.



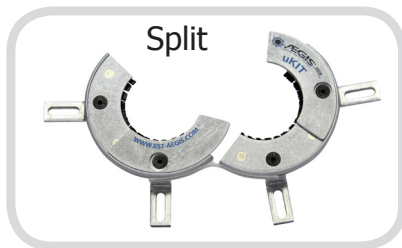
Shaft voltage reading
with AEGIS® SGR

The Longest Lasting Protection Available

Not only is the AEGIS® SGR the world's most effective grounding ring, it offers the longest lasting protection available.

- Maintenance-free
- Lasts for the service life of the motor
- No RPM limitations

AEGIS® uKIT with Universal Mounting for NEMA and IEC Motors



Includes four mounting bracket styles and hardware to adapt the AEGIS® ring to virtually any end bracket.

NEMA uKIT Catalog Number Solid	NEMA uKIT Catalog Number Split	NEMA Motor shaft dia "u"	NEMA Frame
SGR-0.625-UKIT	SGR-0.625-UKIT-1A4	0.625"	56
SGR-0.875-UKIT	SGR-0.875-UKIT-1A4	0.875"	143T, 145T
SGR-1.125-UKIT	SGR-1.125-UKIT-1A4	1.125"	182T, 184T
SGR-1.375-UKIT	SGR-1.375-UKIT-1A4	1.375"	213T, 215T
SGR-1.625-UKIT	SGR-1.625-UKIT-1A4	1.625"	254T, 256T, 284TS, 286TS
SGR-1.875-UKIT	SGR-1.875-UKIT-1A4	1.875"	284T, 286T, 324TS, 326TS, 364TS, 365TS
SGR-2.125-UKIT	SGR-2.125-UKIT-1A4	2.125"	324T, 326T, 404TS, 405TS
SGR-2.375-UKIT	SGR-2.375-UKIT-1A4	2.375"	364T, 365T, 444TS, 445TS, 447TS, 449TS
SGR-2.875-UKIT	SGR-2.875-UKIT-1A4	2.875"	404T, 405T
SGR-3.375-UKIT	SGR-3.375-UKIT-1A4	3.375"	444T, 445T, 447T, 449T
SGR-3.625-UKIT	SGR-3.625-UKIT-1A4	3.625"	
SGR-3.875-UKIT	SGR-3.875-UKIT-1A4	3.875"	
SGR-4.375-UKIT	SGR-4.375-UKIT-1A4	4.375"	
SGR-4.875-UKIT	SGR-4.875-UKIT-1A4	4.875"	

IEC uKIT Catalog Number Solid	IEC uKIT Catalog Number Split	IEC Motor shaft dia "u"	IEC Frame
SGR-28-UKIT	SGR-28-UKIT-2A4	28mm	IEC 100L, 112M (2, 4, 6, 8 pole)
SGR-38-UKIT	SGR-38-UKIT-2A4	38mm	IEC 132S, 132M (2, 4, 6, 8 pole)
SGR-42-UKIT	SGR-42-UKIT-2A4	42mm	IEC 160M, 160L (2, 4, 6, 8 pole)
SGR-48-UKIT	SGR-48-UKIT-2A4	48mm	IEC 180M, 180L (2, 4, 6, 8 pole)
SGR-55-UKIT	SGR-55-UKIT-2A4	55mm	IEC 200L (2, 4, 6, 8 pole); IEC 225S, 225M (2 pole)
SGR-60-UKIT	SGR-60-UKIT-2A4	60mm	IEC 225S, 225M (4, 6, 8 pole); IEC 250M (2 pole)
SGR-65-UKIT	SGR-65-UKIT-2A4	65mm	IEC 250M (4, 6, 8 pole); IEC 280M, 280S, 315S, 315M, 315L (2 pole)
SGR-70-UKIT	SGR-70-UKIT-2A4	70mm	
SGR-75-UKIT	SGR-75-UKIT-2A4	75mm	IEC 280S, 280M (4, 6, 8 pole); IEC 355M, 355L (2 pole)
SGR-80-UKIT	SGR-80-UKIT-2A4	80mm	IEC 315S, 315M, 315L (4, 6, 8 pole)
SGR-85-UKIT	SGR-85-UKIT-2A4	85mm	
SGR-90-UKIT	SGR-90-UKIT-2A4	90mm	
SGR-95-UKIT	SGR-95-UKIT-2A4	95mm	IEC 335L, 335M, 355L, 355M (4, 6, 8, 10 pole)