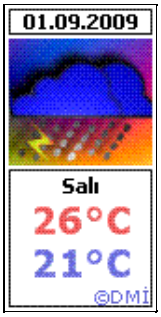

Ziyaretçi Durumu	
Aktif	4
Toplam	4403

Induction Heating Capacitors

DESCRIPTION OF THE WATER COOLED, CAPACITORS FOR INDUCTION HEATING:

KONDAŞ Water Cooled Capacitors for Induction Heating have been designed to improve the inherently low power factor associated with induction heating apparatus. The heat produced by a magnetic field inducing eddy-current losses in the material. Because of their inherent reliability is affected mostly by design, quality of materials and good manufacturing hardware. Those capacitors have extremely Low Loss and generally cooled with water cooling system because of their small shape and high power outputs. The standard arrangement one side of the elements are directly connected to a copper pipe, and this pipe being connected to the capacitor case. This arrangement called ?live case?. We also have ?dead case? too.

LONG LIFE:
KONDAŞ Water Cooled Capacitors for Induction Heating are described ?% 100 All Film Capacitors?. That capacitors have low loss material. Due to the that fact; KONDAŞ CAPACITORS are long lasting. Capacitors are designed and 100 %tested to meet the standards. The units are subjected following production tests: Leak test for oil leakage, initial capacitor measurement, terminal to terminal over potential test, discharge test, sonic corona test.

CONSTRUCTIONS:
Low loss polypropylene film, Aluminum foil, copper pipes for cooling, steatite insulators, dielectric oil and insulation materials. The capacitor?s container have been made from aluminum sheets or steel sheets considering the working frequencies. Also we have the capacitors for low frequencies air cooled.

APPLICATIONS:
The heat treating, forging, billet heating and melting furnaces.

PRODUCTION RANGE:
For any frequency up to 15 kHz and voltages to 3000 V. We can offer a competitive products a wide range of power designs.

NON POLLUTING:
All the materials used on KONDAŞ CAPACITORS are non-toxic and are environmentally compatible.

SPECIAL REQUIREMENTS:
Our technical department is always ready to solve your special requirements.

DIMENSIONS:
KONDAŞ Water Cooled Capacitors for Induction Heating have standard dimensions. But the capacitors can be projected as much as close your dimension requirements. Please specify of yours.

Technical Specifications :

Rated Output: Up to 7000 kVAr. (other powers are available)
Maximum Outlet Water Temperature : 45° C
Minimum Water Flow Rate: 4.5 ?13.5 liters/minute
Capacitance Tolerance: -5 +10 %
Working V. (Un) : Any voltages up to 3000V AC
Working Frequency: 50 to 15.000 Hz. (other frequency available if requested)
Impregnating Fluid: Biodegradable and non-PCB
Installation: Indoor and suitable for vertical or horizontal mounting.
Permitted Over Voltages: 1.05 Un 1 hour /day
Permitted Over Current (including harmonics but excluding transients): 1.35 In
Switching Over Voltages (max: 10 ms): £2xÖ2 Un
Max. peak voltage (including harmonics): 1.65 Un
M14 Nuts of Terminals max. Torque: 10 N.m
Dielectric Losses(Tand-dissipation): <0.15W/kVAr
Test Voltage Between Terminals: 2.15 Un AC,10 s
Test Voltage Between Terminals and Case: According to IEC 871-!/2 and TS standards.

Fuses: Not fitted. Available upon request
Bushings: Steatite or wet process Porcelain
Altitude: 2.000 m. (a.s.l)
Discharge Resistor: Not fitted. Available upon req.
Reference Standards: Capacitors meet or exceed of IEC 110-1/2; TS 3558 EN 60110-1 standards.
KONDAŞ Quality Assurance Standards: ISO 9002 Our Quality System is described in KONDAŞ Quality Manual.
(*) Approval pending

PLEASE IDENTIFY WHEN YOU ORDER:

Power (kVAr)	Tap qty.	Water/Air cooled
Frequency(Hz)	Capacitance (µF)	Pressure Switch
Voltage (V)	Dead or Live case	Req. dimension

İLGİLİ TABLOLARI GÖRMEK İÇİN TIKLAYINIZ

Copyright © 2009 Kondaş A.Ş.
Mumhane cad. Emek İş Hanı No: 31 /1 PK: 80030 Karaköy / İstanbul TÜRKİYE
Tel:(0212) 251 53 45 - 244 01 50 Fax:(0212) 244 00 04