



GM.50
Objemni grejci z MICA izolacijo
MICA insulated band heaters

Uporaba

- Uporabljajo se za gretje cilindrov pri strojih za predelavo plastičnih mas
- MICA objemni grelci so idealni za gretje okroglin in cilindrov

Prednosti MICA objemnih grelcev

- Odlična toplotna prevodnost
- MICA grelec je najbolj ekonomična izbira gretja
- Dolga življenska doba pri pravilni uporabi (montaža)
- Enakomerno gretje po površini
- Enostavna uporaba
- Izjemna dielektrična trdnost

Dimenzije:

- Premeri od 60 mm , za grelce s premeri večjimi od 400 mm priporočamo uporabo 2 segmentov
- Širine od min. 20 mm do max. 800 mm

Tehnične lastnosti:

- Specifična moč: do 4 W/cmm²
- Delovna temperatura do 350 °C
- Standardna napetost: 230V, 400V
- Material ohišja: Nerjaveče jeklo AISI430
- Izolacijski material: MICANIT
- Grelni prevodnik: Nickle-Chrome 80/20
- Temperaturno obstojen armiran kabel, pri katerem je nikel vodnik izoliran s steklenimi vlakni. (400°C)

Use

- For heating molds, dies, nozzles and especially to heat the cylinders(barrels) for injection molding machines or extruders
- Mica Band heaters are ideal solution for heating cylindrical surfaces

Advantages of the Mica Band heaters

- Excellent thermal conductivity as heat transfer
- The Mica heater is most economic
- Very long life of the heater if its mounted correctly
- Heating uniformity
- Easy installation
- Excellent dielectric strength

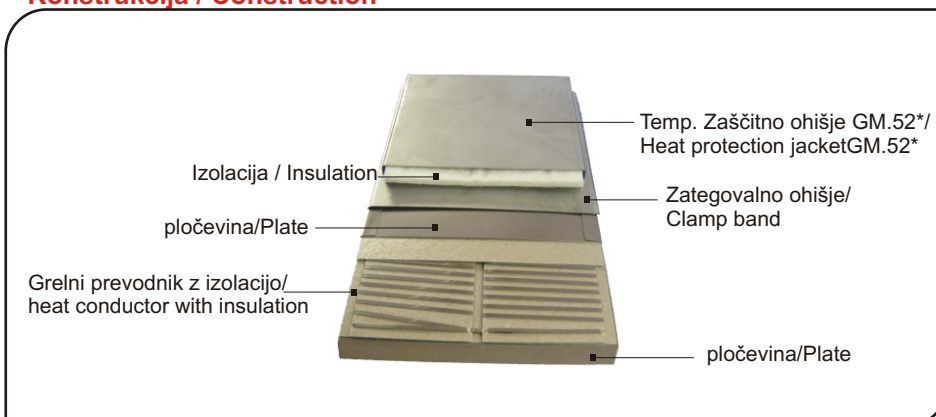
Dimensions:

- Diameters from 60 mm , for heaters with diameter larger than 400 mm we recommend to use 2 segments
- Widths from min. 20 mm to max. 800 mm

Technical Specifications:

- Max. Watt density 4 W/cmm²
- Working temperature up to 350 °C
- Voltages 230V, 400V or other
- Sheath Stainless Steel AISI430
- Insulation material MICA
- Heating conductor Nickle-Chrome 80/20
- Temperature resistant pure nickel wires with glass-silk insulation and a steel mesh cover (400°C)

Konstrukcija / Construction



*Temperaturno zaščitno ohišje / Heat protection Jacket GM.52
prosim označite pri naročilu serija GM.52 /
please specify when ordering serie GM.52

Montaža grelcev:

Življenska doba grelcev je odvisna od tega, ali so grelci pravilno montirani na cilider ali orodje. Pomembno je, da je grelec popolnoma zategnjen na cilindru. (slika1)

OPOMBA: Grelec med prvim zagonom postopno zategujte, dokler grelec ne doseže delovne temperature in šele takrat ga dokončno zategnite.

Za premere večje kot 200 mm priporočamo uporabo jeklenih vzmeti.

S tem boste dosegli enakomerno zategnjen grelec na cilindru, na vsaki temperaturi.

Kontrola kakovosti:

Vsi grelci so testirani na različnih stopnjah preden zapustijo proizvodnjo.

Standardne meritve

- Upornost grelca
- Prebojna trdnost 1500V
- Prevodnost izolacijskega vodnika
- Izolacijska upornost
- Ozemljitvena žica

Assembly of heaters

In order to ensure long and reliable working life, it is necessary that the heaters are perfectly fit with the cylinder, by tightening the fastening screws. (Drawing1)

Important: The retightening of the nuts & bolts must be done frequently starting from the initial heat up until it reaches to the set operating temperature.

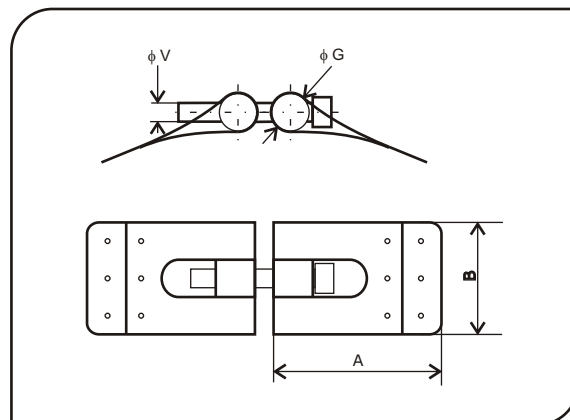
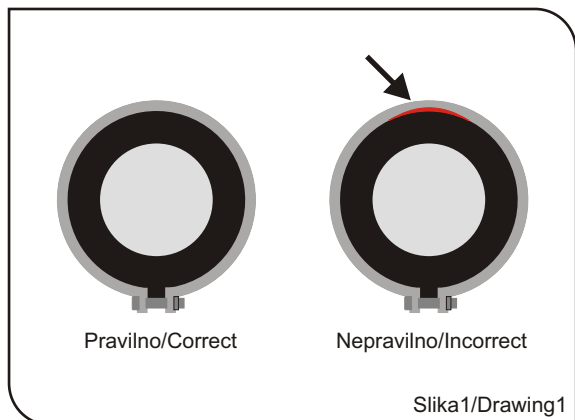
For diameters higher than 200 mm we recomend to use steel springs in order to guarantee constantly a perfect fitting with cylinder.

Testing

All our heaters are tested in our factory before leaving production

Standard measurments

- Ohmic value
- Dielectric strenght 1500V
- Current loss
- Insulation resistance
- Earth wire efficiency



ŠPANER / CLAMP	G	V	A	B
SPG/S	8	M5	31	20
SPG/M	8	M5	31	25
SPG/L	10	M6	45	30

Podatki pri naročanju:

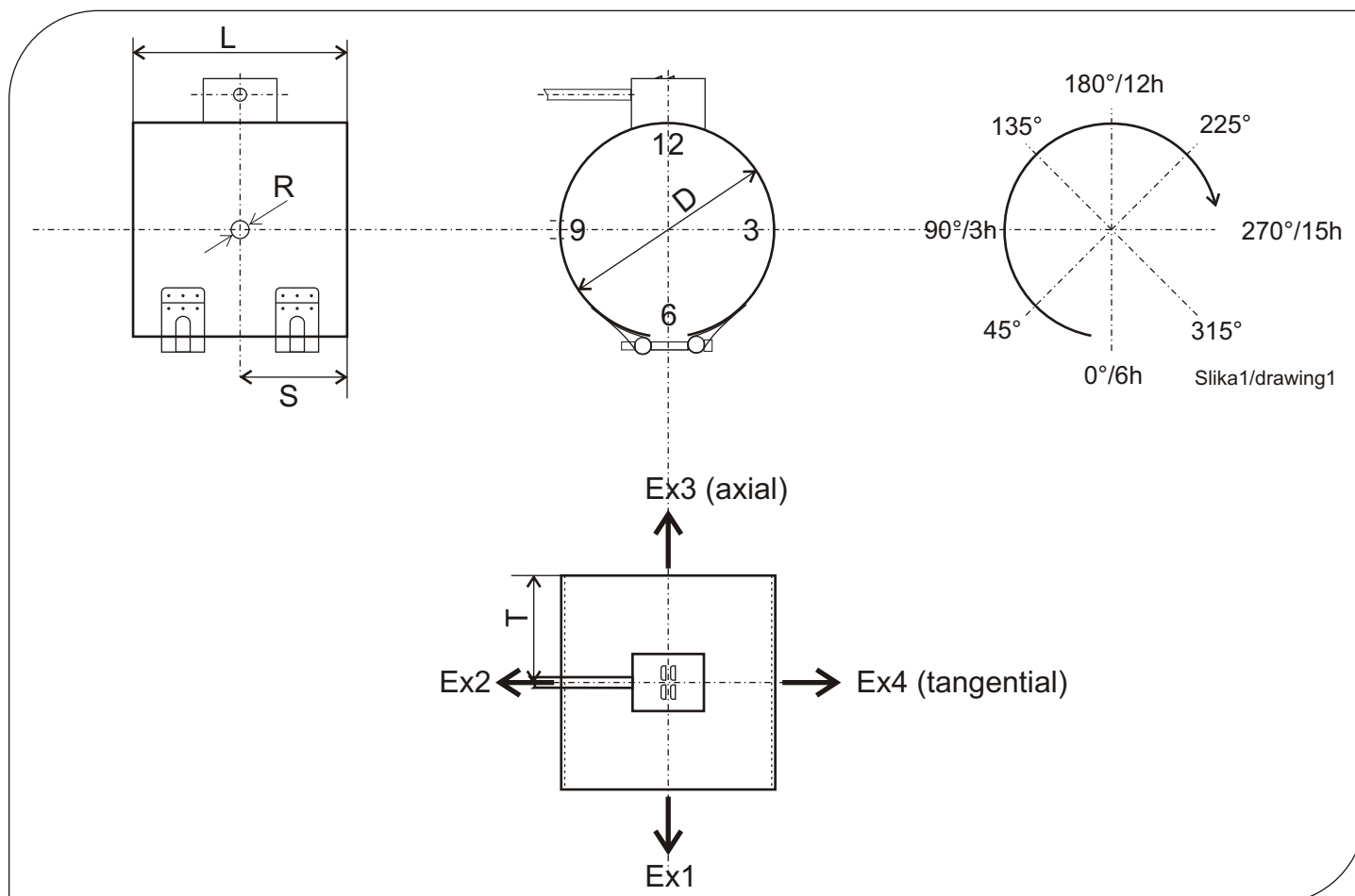
- Premer mm (d)
- Širina mm (L)
- Napetost (V)
- Moč (W)
- Vrsta priključka
- Pozicija priključka od roba grelca (T)
- Pozicija priključka v stopinjah (slika 1)
- Smer izhoda kabla (EX)
- Dolžina kabla (mm)
- Luknje in izbitine za tipala
- Razdalja med centrom luknje in robom grelca (S)
- Premer luknje R

Naša garancija ne pokriva napak, ker nimamo vpliva in kontrole nad pogoji delovanja grelca. Prav tako ne sprejemamo nobene odgovornosti za posredne nezgode in napake.

Specify, when ordering:

- Diameter in mm (d)
- Width in mm (L)
- Voltage (V)
- Wattage (W)
- Output type
- Output position from the edge (T)
- Position in degrees (drawing 1)
- Cable direction (EX)
- Cable length (mm)
- Any hole or slot for thermocouple
- Hole center from the edge (S)
- Hole diameter R

Our guarantee does not necessarily cover failure in service as we have no control or influence over operating conditions. We also except no responsibility for subsequential loss.



Axialni priklop / Axial connection

C-10 (230V 10A)	C-20 (230V 20A)
D=10	D=20
C=28	C=34
A=28	A=28
B=47	B=47

Priključna škatla/Connection box: C-10 / C-20

Tangencialni priklop / Tangential connection

CT-3 (230V 3A)	CT-7 (230V 7A)
D=19	D=19
C=25	C=28
A=26	A=41
B=41	B=56

Priključna škatla/Connection box: CT-3 / CT-7

Priključna sponka / Terminal box: 2P10A

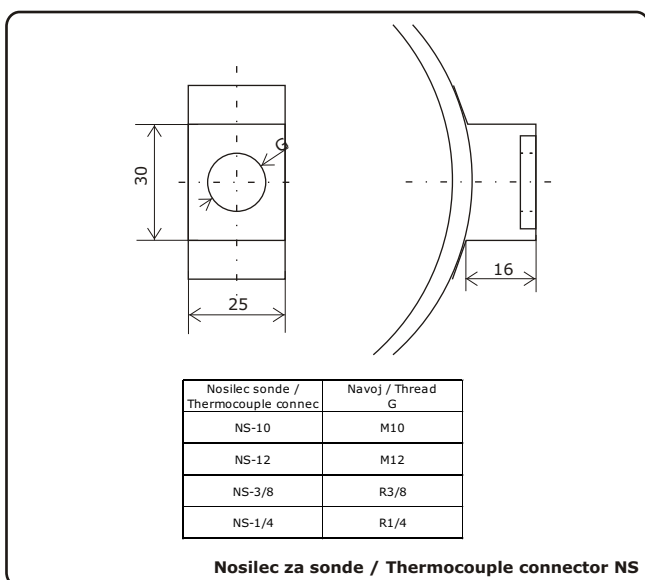
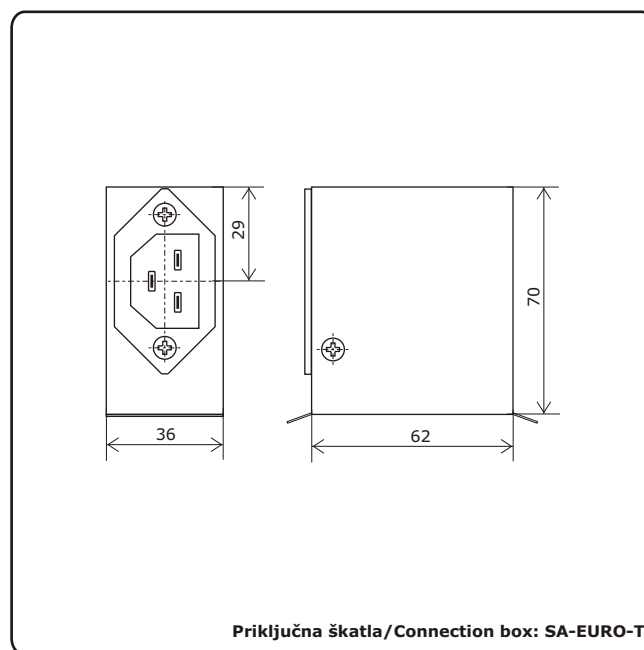
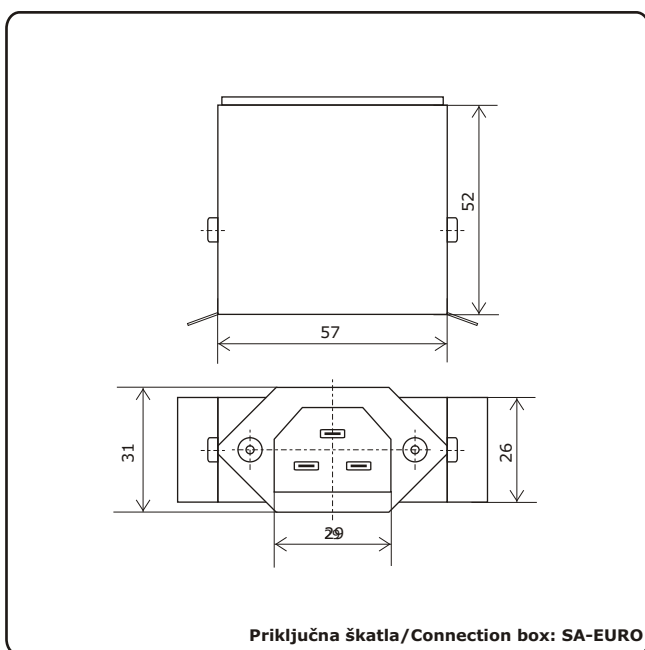
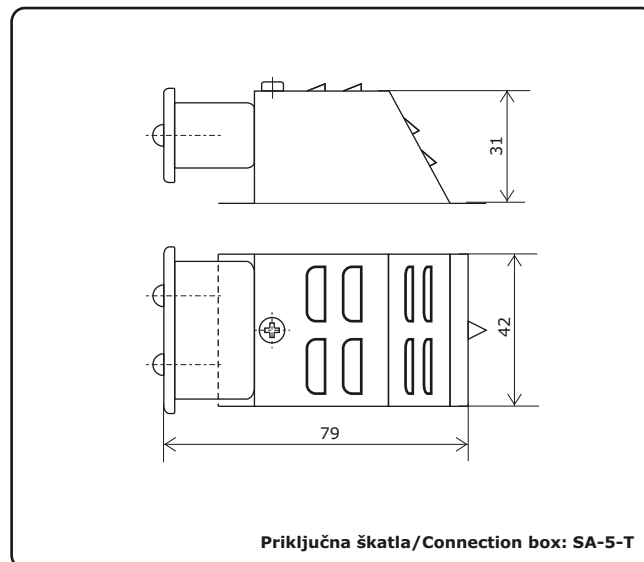
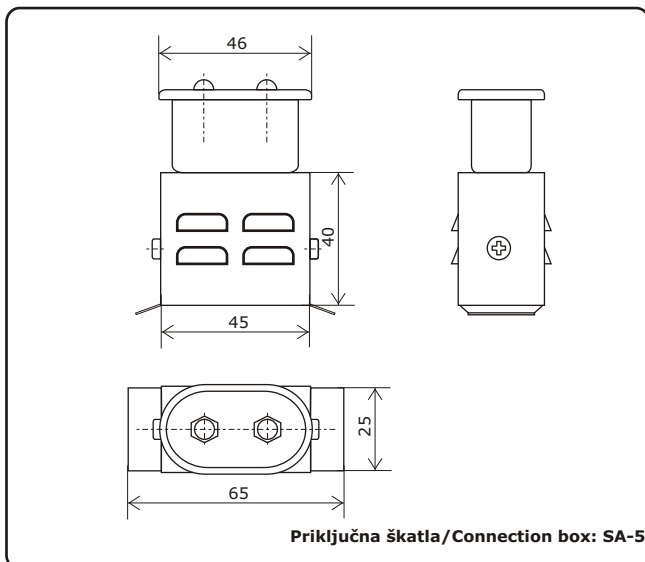
Priključna škatla/Connection box: CB-10 10A 230V

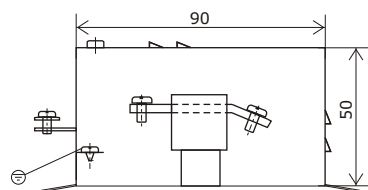
Priključna sponka / Terminal box: 2P15A / ALFA

Priključna škatla/Connection box: CB-15-C 15A 230V

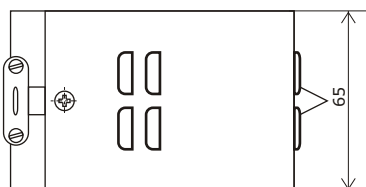
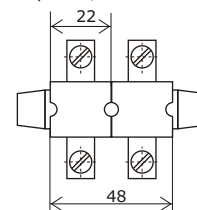
Priključna sponka / Terminal box: 2P15A / ALFA

Priključna škatla/Connection box: CB-15 - 15A 230V

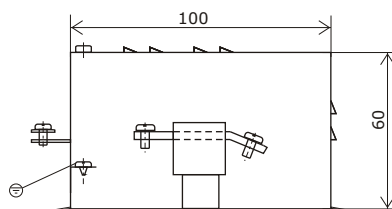




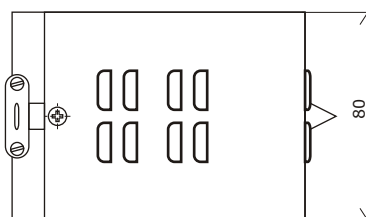
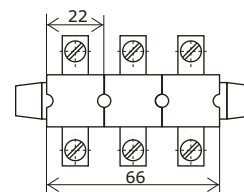
Priključna sponka / Terminal box: SIGMA



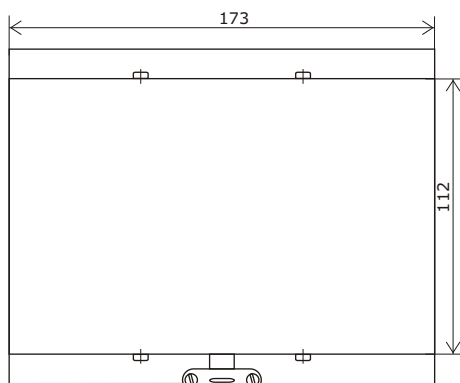
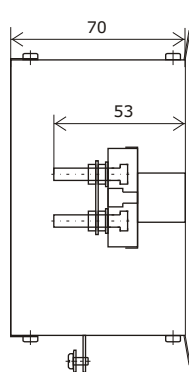
Priključna škatla/Connection box: CB-20 | 20A 230V



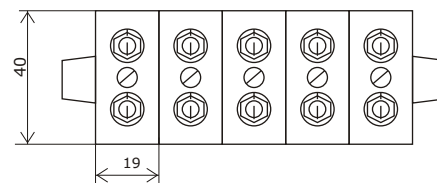
Priključna sponka / Terminal box: SIGMA



Priključna škatla/Connection box: CB-20-3F | 3 X 20A 230V,400V



Priključna sponka / Terminal box: TOKA



Priključna škatla/Connection box: CB-40-3F | 3 X 40A 230V,400V



HEATWEAR SINCE 1963

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