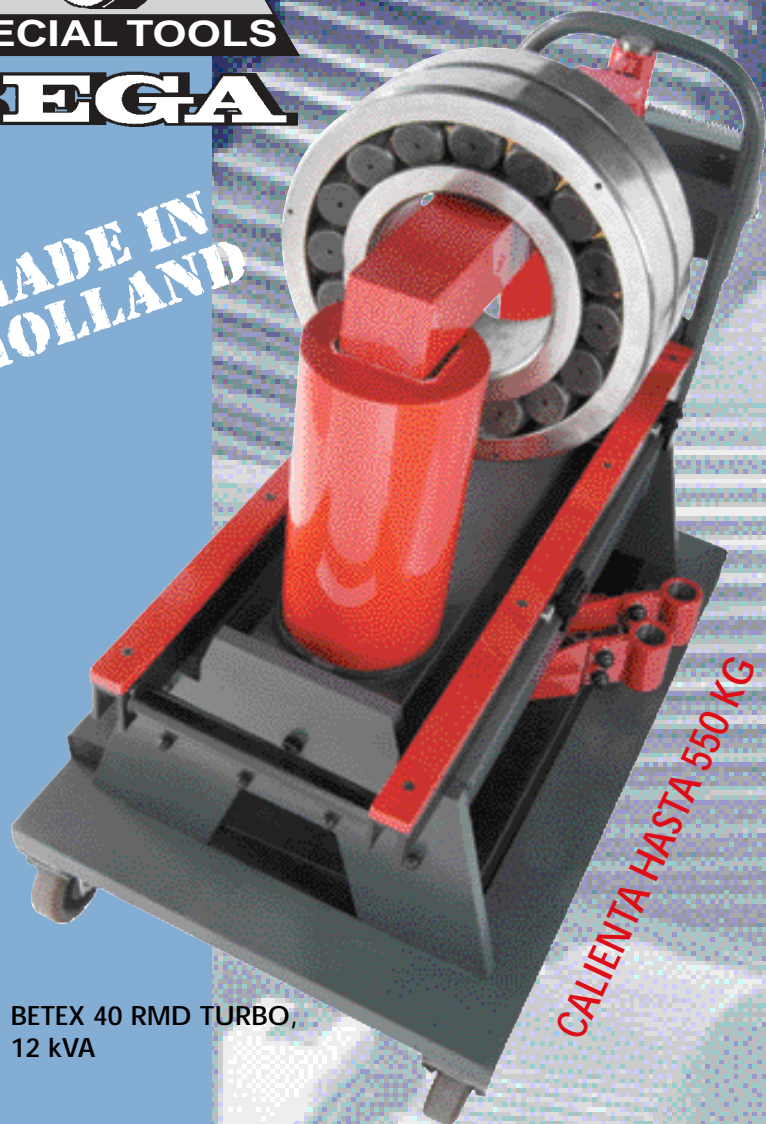




MADE IN HOLLAND



BETEX 40 RMD TURBO,
12 kVA

CALIENTA HASTA 550 KG

iNuevo!
TURBO HEATERS

BETEX 24 RSD TURBO
3.6 kVA



CALIENTA HASTA 95 KG

BETEX 24 RD TURBO
3.6 kVA



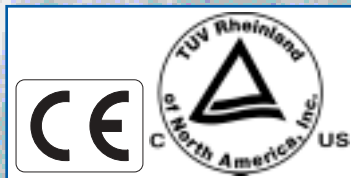
BETEX 24 RLD
TURBO portátil
3.6 kVA



CALIENTA HASTA 40 KG



Simply the best!



CALENTADORES POR INDUCCION

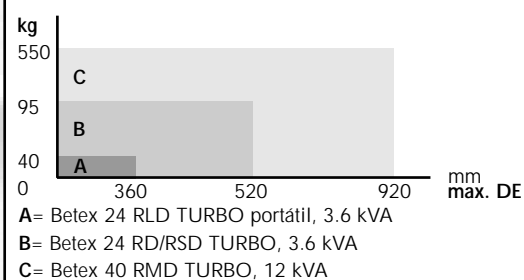
LA NUEVA GENERACIÓN DE CALENTADORES TURBO CON BAJA ENERGÍA DE INSTALACIÓN Y ALTO RENDIMIENTO

ESPECIFICACIONES TÉCNICAS PARA LOS MODELOS TURBO

LA NUEVA GENERACIÓN: baja energía de instalación, alto rendimiento

Tipo	BETEX 24 RLD TURBO portátil	BETEX 24 RD TURBO	BETEX 24 RSD TURBO	BETEX 40 RMD TURBO
Potencia de la instalación	3.6 kVA	3.6 kVA	3.6 kVA	12 kVA
Voltaje / Amperaje	120V/15A 230V/16A	120V/15A 230V/16A	120V/15A 230V/16A	400/450/500V 32A
Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Voltaje distinto	-	-	-	-
Brazo giratorio	-	-	yes	yes
Sección prismas □ mm	40/Ø95	60/Ø115	60/Ø115	110x80/Ø175
Peso máx. ± kg				
- rodamientos	40	95	95	550
- otras piezas	25	50	50	450
Diámetro mín., mm, DI alrededor del polo del yunke	10/Ø98	15/Ø120	15/Ø120	60/Ø175
Diámetro máx. mm, DE, prismas de extensión	350	520/750	520/750	920
Anchura máxima del rodamiento en mm alrededor de los polos, en posición horizontal	135	230	230	305
Anchura máxima en mm	130	200	200	350
Ancho máx. mm	135	230/350	230/350	305
Control de temperatura				
- alcance máximo	240°C	240/480°C	240/480°C	240/480°C
- sonda magnética	sí	sí	sí	sí
- pantalla digital	sí	sí	sí	sí
Control de tiempo				
- alcance máximo	0-45 min.	0-45 min.	0-45 min.	0-99 min.
- pantalla digital	sí	sí	sí	sí
Señal sonora	sí	sí	sí	sí
Informe de error	sí	sí	sí	sí
Temperature hold	sí	sí	sí	sí
Reducción de potencia	automática	automática	automática	automática
Desmagnetización, <2A/cm	automática	automática	automática	automática
Protección de seguridad térmica	sí	sí	sí	sí
Dimensiones mm (lxbxh)	600x220x275	440x370x360	440x370x420	1200x640x1000
Yugos, estándar □ mm	7, 10, 14, 20, 40	10, 14, 20, 30, 40, 50, 60	10, 14, 20, 30, 40, 50, 60	40, 60, 80
Yugos opcionales	bajo pedido	bajo pedido	bajo pedido	bajo pedido
Prismas de extensión	-	60x60x120	60x60x120	-
Peso en kg sin yugos	23	35	37	205
Funcionamiento neumático	-	-	-	opcional
Señal de alarmal	-	-	-	opcional
Soporte para calentamiento horizontal	sí	sí	sí	sí
Móvil	-	-	-	sí
Garantía, comp. electrónicos	3 años	3 años	3 años	3 años

Reservado el derecho a modificar las especificaciones técnicas sin previo aviso.



Ejemplos de calentamiento				
Modelo	Pieza	kg	Temperatura	Tempo
Betex 24 R(S)D TURBO	Rueda dentada, DE 600 mm DI 210 mm	45	110°C (230°F)	00.08.50
Betex 24 R(S)D TURBO	rodamiento 23148	63	110°C (230°F)	00.19.20
Betex 40 RMD TURBO	rodamiento 23172	220	110°C (230°F)	00.08.40
Betex 40 RMD TURBO	Rueda dentada, DE 400 DI 170 mm	300	110°C (230°F)	00.03.05

VENTAJAS DE LOS MODELOS TURBO

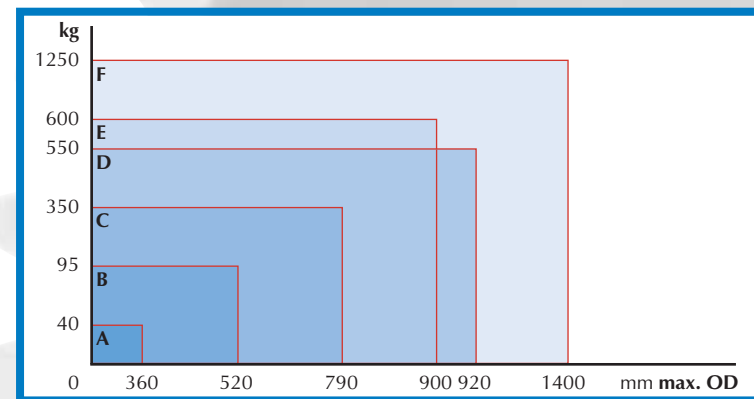
- Menos energía en las instalaciones, alto rendimiento
- Soportes para el calentamiento en posición horizontal
- Incluso, calentamiento sin tensiones
- Para las ruedas dentadas, acoplamientos y rodamientos en el mantenimiento y para uso continuo en producción.
- Sólidos, diseño industrial

Espectaculares resultados de calentamiento con las mismas ventajas que ofrecen todos los calentadores Bega.

TECHNICAL SPECIFICATIONS TURBO MODELS

Type	BETEX 24 RLD TURBO portable	BETEX 24 RD TURBO	BETEX 24 RSD TURBO	BETEX 40 RSD TURBO	BETEX 40 RSDm TURBO	BETEX 40 RMD TURBO
Facility power	3.6 kVA	3.6 kVA	3.6 kVA	8 kVA	8 kVA	12 kVA
Voltage/Amperage	120V/15A 230V/16A	120V/15A 230V/16A	120V/15A 230V/16A	400/450/500V 20A	400/450/500V 20A	400/450/500V 32A
Frequency in Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Swivel arm	-	-	yes	yes	yes	yes
Pole section □ mm	40/Ø95	60/Ø115	60/Ø115	80/Ø153	80/Ø153	110x80/Ø175
Max. weight ± kg						
- bearings	40	95	95	350	350	550
- other parts	25	50	50	250	250	450
Min. diameter mm, ID around yoke pole	10/Ø98	15/Ø120	15/Ø120	30/Ø155	30/Ø155	60/Ø175
Max. diameter mm, OD norm, extension yokes	350	520/750	520/750	790	790	920
Max. bearing width mm around poles in horizontal position	135	230	230	275	275	305
Max. width mm	130	200	200	315	315	350
Pole height mm	165	230	230	275	275	305
Temperature control						
- max reach	240°C	240/480°C	240/480°C	240/480°C	240/480°C	240/480°C
- magnetic probe	yes	yes	yes	yes	yes	yes
- digital LED display	yes	yes	yes	yes	yes	yes
Time control						
- max. reach	0-45 min.	0-45 min.	0-45 min.	0-60 min.	0-60 min.	0-99 min.
- digital LED display	yes	yes	yes	yes	yes	yes
Remote control	no	no	no	yes	yes	no
Sound signal	yes	yes	yes	yes	yes	yes
Error report	yes	yes	yes	yes	yes	yes
Temperature hold	yes	yes	yes	yes	yes	yes
Power reduction	automatic	automatic	automatic	automatic	automatic	automatic
Demagnetising, <2A/cm	automatic	automatic	automatic	automatic	automatic	automatic
Thermal safety guard	yes	yes	yes	yes	yes	yes
Dimensions mm (lxbxh)	600x220x275	440x370x360	440x370x420	940x450x650	950x640x1000	1200x640x1000
Yokes, standard □ mm	7, 10, 14, 20, 40	10, 14, 20, 30, 40, 50, 60	10, 14, 20, 30, 40, 50, 60	20, 30, 40, 60, 80	20, 30, 40, 60, 80	40, 60, 80
	(included)	(order separate in steel tray)	(order separate in steel tray)	(order separate, internal storage)	(order separate, internal storage)	(order separate)
Yokes, different size	on request	on request	on request	on request	on request	on request
Extension yokes	-	60x60x120	60x60x120	-	-	-
Mass heater body kg excl. yokes	23	35	37	85	115	205
Pneumatic operation	-	-	-	optional	optional	optional
Alarm signal	-	-	-	optional	optional	optional
Support for horizontal heating	yes	yes	yes	yes	yes	yes
Mobile	-	-	-	-	yes	yes
Warranty, electronics	3 years	3 years	3 years	3 years	3 years	3 years

SELECT YOUR HEATER



A = 24 RLD TURBO
 B = 24 RD/RSD TURBO
 C = 40 RSD/RSDm TURBO
 D = 40 RMD TURBO
 E = Super Standard
 F = Giant Standard

Simply the best!

**SAFE TOOLS
 SAVE TIME
 SAVE ENERGY**



GB



ANNO
1978

**TURBO HEATERS
 THE NEXT GENERATION**



**MADE IN
 HOLLAND**

*Simply
 the best!*

INDUCTION HEATERS

**THE NEXT GENERATION TURBO HEATERS
 LOW FACILITY POWER • HIGH OUTPUT • SAVE ENERGY**

We reserve the right to alter technical specifications without prior notice. 03-2007

THE NEXT GENERATION! TURBO heaters with low facility power and high output, for spectacular heating results!

BETEX 24 RLD TURBO portable, 3.6 kVA

Portable, easy to use. Ideal for on-site jobs. Includes 5 loose yokes. **Min. bore 10, max. OD 350 mm.** 120 or 230 Volt. **Heats up to 40 kg!**



BETEX 24 RD TURBO, 3.6 kVA

Bench-top model, with choice of 7 yoke sizes. **Min. bore 15, max. OD 520 mm** (with extension yokes 750mm). 120 or 230 Volt. **Heats up to 95 kg!**



BETEX 24 RSD TURBO, 3.6 kVA

Bench-top model, with swivel arm for easy and ergonomic handling of parts. Choice of 7 yoke sizes. **Min. bore 15, max. OD 520 mm** (with extension yokes 750mm). 120 or 230 Volt. **Heats up to 95 kg!**



NEW!

BETEX 40 RSD TURBO, 8 kVA

Powerfull bench-top model, with swivel arm. Remote control LED display. Internal yoke storage. **Min. bore 30, max. OD 790 mm.** 400, 450 or 500 Volt. **Heats up to 350 kg!**

NEW

FOR BEARINGS AND OTHER COMPONENTS

Bega induction heaters are used for even, tension free heating of bearings, gear wheels, bushes, couplings etc.

ADVANTAGES OF BEGA TURBO INDUCTION HEATERS

- Low facility power, high output.
- Robust design for working in industrial environment
- Microprocessor controlled electronics prevent over-heating and explosive heating of part
- Unique easy-to-use swivel arm
- Maintenance free
- Suitable for continuous working
- Automatic demagnetisation
- Automatic power reduction
- Large standard range
- Meets CE and IEC requirements
- TUV certification CSA, UL
- 3 years warranty on E-unit

SERVICE

Manuals show clear instructions. If you have any questions about your induction heater simply contact our production department. You will get expert advice from skilled specialists.

DEPENDABLE QUALITY

Our induction heaters are proved dependable. The electronics can handle continuous use in production due to the excellent cooling lamellae. The robust and easy-to-use design offers you the security of a reliable heater which is suitable for continuous operation in an industrial environment.

(Remote control) operating LED display °C or °F.



Magnetic temperature probe. A clamp probe is also available for non-ferrous components.

WHY USE INDUCTION HEATING?

Induction heating is a superior, fast and controlled heating method. It is a safe and environmentally friendly alternative for traditional heating methods such as ovens, oil baths or blow torches. These methods cause smoke, fumes or oil waste and are hazardous for personal health and safety. It is common knowledge that a correct mounting method extends bearing life. Controlled induction heating prevents unnecessary damage, and retains original pre-lubrication. Ideal for sealed bearings (2RS-ZZ)

SAFE AND CONTROLLED HEATING

Digital electronics provide optimal control during the heating process and automatically select the most efficient power supply to ensure a balanced and fast heating. No extra steps are necessary. Explosive heating is impossible (no discoloration or pitting of material).

3 YEARS WARRANTY!

The electronic unit is supplied with a 3 year warranty.

CUSTOM-MADE

Bega designs and builds custom-made heaters for serial heating of components such as bearings, gear wheels, bushes, rings and aluminium houses of E-motors. In cases where fast and accurate heating is imperative, these 'Specials' offer surprising solutions. It is possible to integrate them in fully automatic production processes, even with a pick-and-place unit. An additional advantage is the use of low frequency. Investments are much lower in comparison with middle or high frequency solutions. A brochure with examples of "specials" is available on request.

ACCESSORIES

- Single available accessories
- Yokes
 - Steel tray for yokes
 - Extension yokes
 - Heat resistant gloves
 - Magnetic probe, various types
 - Vaseline
 - Sliding supports for horizontal heating

NEW!

BETEX 40 RSDm TURBO, 8 kVA

Powerfull roll-around heater with swivel arm. Remote control LED display. Internal yoke storage. **Min. bore 30, max. OD 790 mm.** 400, 450 or 500 Volt. **Heats up to 350 kg!**



NEW

BETEX 40 RMD TURBO, 12 kVA

Mobile, extra powerful heater with swivel arm for heating parts up to 550 kg. Practical rotating operating LED display. (Sliding) Supports for heating in horizontal position. **Min. bore 60, max. OD 920 mm.** 400, 450 or 500 Volt.

- low facility power
- even, tension-free heating
- compact design
- sliding supports (optional)
- robust
- suitable for heating of gear wheels, couplings and bearings

Heats up to 550 kg!



Rotating operating LED display ZFD/RMD series.

Example of extension yokes combined with 2 yokes on top of each other.

