

THH 630

Transformers for industrial and fematic welding

- OUTSTANDING QUALITY
- HIGH CAPACITY
- EXCELLENT WELDING PROPERTIES
- STURDY DESIGN
- EXCEPTIONAL RELIABILITY

THH 630 is manual welding transformers for industrial use with coated electrodes featuring high capacity and excellent welding properties. The high open circuit voltage ensures easy striking and re-striking action. Due to the high permitted loads, these transformers are ideal for Fematic welding.

Adjustment of welding current

Single stepless range with clearly visible indicator on the front panel.

Phase compensation

THH 630 is available with or without phase compensation. Phase compensation may sometimes prove to be a good investment as the primary current and the rated output can often be reduced, resulting in reduced fuse size and cable diameter.

Movability

THH 630 as standard is provided with wheels and handle. For transport with lift-truck or crane, the transformers are also provided with lifting eyes.



INPUT



OUTPUT



PROCESS



Technical data	THH 630
Voltage (V)	415V x 2 50 Hz
Primacy Current (A)	75 (without Capacitors) 64 (with Capacitors)
Fuse Slow Blow (A)	100
Cable (mm ²)	3 x 35
Welding Current Range	90 A / 24 V 630 A / 44 V
Open circuit voltage	73 - 80 V
Permitted load	
at 100% duty cycle	380 A / 35 V
at 60% duty cycle	500 A 40 V
at 35% duty cycle	630 A / 44 V
Power factor at 150 A	
with capacitors (Phase comp)	0, 7
Without capacitors	0, 4
Efficiency 50 Hz	0, 85
Open circuit rating	0.7 kw
Weight	210 kg
Protection form	IP 23
Cooling	AF
Dimensions, W x D x H, mm	675 x 820 x 1050
Order Code	4610637630

ESAB is certified according to ISO 9001



The ESAB group is certified according to ISO 14001 & OHSAS 18001

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