

Marelli Motori Central Europe GmbH - Heilswannenweg 50 - 31008 Elze

Firma
Hitec Power Protection b.v.
P.O. Box 65
NL-7600 AB Almelo
NIEDERLANDE

Invoice

Process no.	29116
Document no.	2018-841807
Date	04.08.2017
Client no.	D508165
Contact	Tim Brühmann

If any questions arise, please quote

purchaser

Firma
Hitec Power Protection b.v.
P.O. Box 65
NL-7600 AB Almelo
NIEDERLANDE

Delivery address

Firma
Hitec Power Protection b.v.
Bedrijvenpark Twente 40
NL-7602 KB Almelo - Overijssel
NIEDERLANDE

Dispatch	Forwarder	Our VAT no.	DE812067459
Delivery terms	Ex works Arzignano (IT)	Our tax no.	11/200/01266
Orig.doc.	Order Confirmation 2018-821166	Your VAT no.	NL804231849B01
Your ref.	Gerben Hummelink		
Your no.	1234530		

Please take note of our new company data, changed since Oct. 1st 2014.

Order: 1234530
Supplier ID: 00538

The delivery took place on the 03.08.2017 Ex Arzignano (IT)
Serial no.: ME17475, ME17477
MarelliMotori delivery note: 816155

Pos.	Item code	Description	Del.week	Qty.	Unit	price per item	Total price	TC
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Pos.	Item code	Description	Del.week	Qty. Unit	price per item	Total price TC
1	MJB6372K 23980	MJB 630 LA/4 - B20 double-shaft-end	2017/31	2 pc.	60.500,00	121.000,00 302
				less	3,00 %	-3.630,00

pc. including 1
 Mounting Type : IM B20 / IM 1101
 Rated Power [kVA] : 3550 @ 50Hz / 4080 @ 60Hz
 Speed / [rpm] : 1500 @ 50Hz / 1800 @ 60Hz
 Voltage / [V] : 400 (+/-5%) @ 50Hz / 480V (+/-5%) @ 60Hz
 Frequency / [Hz] : 50 / 60
 Power Factor : 0.8 lagging (over-excited)
 Duty Service : S9
 Temperature Rise Class : H
 Insulation Class : H
 Max. Ambient Temperature / [°C] : 40
 Protection Degree : IP 22
 Cooling Type : IC 01
 Max. Altitude a.s.l. / [m] : 1000
 Overspeed / [rpm] : 2250

Direction of Rotation : Clockwise (cw) - facing air outlet side
 Electrical Connection : Inside mounted terminal box
 Phase sequence: Right (U-V-W)
 Cable Entry : Universal right or left hand - seen from air-outlet side
 Final Color [RAL] : 7024

Execution according to Hitec specification No.: 17008 rev. 01 dd. 06.03.2017

Including:
 - Winding pitch 2/3
 - Optimized exciter and anti-condensate heaters
 - Pos. 101: auxiliary winding for AVR power supply
 - Pos. 107: anti-condensate heater, 120V, 2x 200W - wired separately in order to allow series- and parallel-connection (120V or 230V)
 - Pos. 112: 3x PT 100 in the stator winding
 - Pos. 113: separate auxiliary terminal box mounted on NDE
 - Pos. 117: Provision for parallel operation with similar generators
 - Pos. 120: 1 x PT 100 on bearing - air-outlet side
 - Pos. 120: 1 x PT 100 on bearing - air-inlet side
 - Pos. 123: Provision for vibration sensors (see details below)
 - Pos. 126: Second shaft extension for transfer of full power (100%)
 - Pos. 140: Not-magnetic exit cable panel on right side (facing air-outlet side)
 - Pos. 143: Special housing
 - Pos. 156: Grease nipple on air-inlet side according to DIN71412
 - Pos. 157: Grease nipple on air-outlet side according to DIN71412
 - Pos. 929: Painting RAL 7024

- Special air-outlet cover; raised cover, special Hitec design
 - N.4 threaded holes M30 for levelling
 - Anti-friction bearings with centered cages
 - Material of bearing cages :
 On air-outlet side - brass
 On air-inlet side - brass
 - Grease nipples for lubrication on air-outlet and -inlet side brought to outside
 - Grease outlet on air-outlet and -inlet side brought to outside
 - Grease type: Klüber Quiet BQ 72-72
 - Earthing brush on air-outlet side (air outlet)
 - Insulated bearing on air-inlet side (NDE) and air-outlet side (DE)

Bearing condition monitoring
 - N. 3 machined surfaces with M8 holes for vibration measurement on air-outlet and -inlet side, according to DRW-065005 (detail 1)
 - N. 1 machined surface in the loaded-zone on air-outlet and -inlet side, according to DRW-065005 (detail 2)

- Voltage regulator Basler DECS-100 B15 and Varicomp device M40FA620A mounted on board inside aux. term. box

Sum carried forward	117.370,00
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Pos.	Item code	Description	Del.week	Qty.	Unit	price per item	Total price TC
		- Varicomp current transformer (TA1 mounted inside the generator)					
		- Lubrification plate, not magnetical (material std. Marelli) incl. # Bearing type on air-outlet and -inlet side # Grease type # Lubrification interval # Amount of grease					
		- Balancing class G2.5 with full fitting key at both shaft ends					
		- Vibration level according to IEC60034-14, section 6.2 (measured on a rigid support)					
		- Routine Test conform to IEC60034					
		- Rotor lock-device for transport					
		- Lifting eyes					
		name plates: 1 name plate stamped 50Hz (in separate bag at generator) 1 name plate stamped 60Hz (in separate bag at generator) 1 combined lubrication plate for 50Hz and 60Hz (mounted on generator)					
		Nameplate data: 400 V (+/-5%) - 50Hz - 3550 kVA (H/H) 480 V (+/-5%) - 60Hz - 4080 kVA (H/H)					
2	VERSAND DG	Versandkosten Shipping costs pc. including 1	2017/31	2	pc.	500,00	1.000,00 302

						Subtotal	EUR	118.370,00	TC
plus VAT with tax-code			302	0,00 % of		118.370,00		0,00	
						Total amount	EUR	118.370,00	

"Intra-Community triangular transactions according to §25b UStG (German Tax Law)" - "Tax debtor is the recipient of the invoice"

If there is no separate service date in this document, service date corresponds with invoice date.

We generally apply the terms of delivery to all our sales orders as stated on the reverse.

Payment conditions

60 days (to-date 03.10.2017) due net 118.370,00 EUR