

# Quotation

Quotation No.: **52406474**  
Date: 23.03.2009

SEW-Eurodrive SK s.r.o.  
Rybničná 40 831 06 Bratislava  
Bratislava

Strana 1/2



SEW Eurodrive SK

**Your contact:**

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**Customer No.:** 52000810

**Fax No.:** +421

**Tel-No.:** +421

**Your request:** sklad BA

**Request date:** 23.02.2009

Pos	Quantity		price/pc EUR	total price EUR
	Part No			
1	1,00 pc		718,81	718,81
	Helical-bevel geared motor			
	K77 DT90S4/TF			
	01.3709796301.0001.04			
2	1,00 pc		553,73	553,73
	Planetary servo GU+adapter			
	PSF521 EPH05/20/13			
3	1,00 pc		587,89	587,89
	MOVIMOT-helical geared motor			
	RF27/II2GD DT90S4/TH/MM15/BW1/II3D			
	01.1166880401.0001.07			
4	1,00 pc		938,76	938,76
	Helical-bevel geared motor			
	KA37/T DT90L4/BMG/TF/ES1C/IS			
	01.1114876203.0001.05			
5	1,00 pc		443,50	443,50
	Helical-bevel gear unit			
	K67/A			
	45.4504686201.0001.08			
6	1,00 pc		193,23	193,23
	AC squirrel-cage motor			
	DFT71D2/BMG			
	45042123.0001.01			
7	2,00 pc		170,26	340,52
	Helical geared motor			
	R27 DR63L4			
	45502421.0005.01			

8	6,00 pc Planetary gear unit PSE311/R/EK14 SPECIALITA-hriadel 25x36 01.1147890201.0006.06	490,00	2 940,00
9	2,00 pc MOVIMOT AC motor DV100M4/BMG/TH/MM30/MLU 01.1173260101.0001.07	868,29	1 736,58
10	2,00 pc Synchronous motor CMP63M/BP/KY/RH1M/SB1	489,04	978,08
11	4,00 pc Helical-bevel geared motor K67 DT80K4/TF 01.3709533801.0005.04	618,53	2 474,12
12	1,00 pc Input cover complete AD5 50.01074664.01.0001.05.01(priruba 250,300,350,450,550)	178,54	178,54
13	1,00 pc Helical geared motor R40 DT71D8/2/BMG/HR 5012 217656.8.01.5000	514,92	514,92
<b>Total value w/o V.A.T.</b>		EUR	12 598,68
<b>Total amount w/o V.A.T.</b>		EUR	12 598,68
VAT 19,00 % of 12 598,68		EUR	2 393,75
<b>Total amount</b>		<b>EUR</b>	<b>14 992,43</b>

We thank for your request and quote you without engagement according to our terms and conditions.

**Terms of payment:** 14 days transfer  
**Terms of delivery:** DDPS destination in Slovakia  
**Shipping conditions:** AUC  
**Forwarding company:** Transco Slovakia  
**Validity:** 24.05.2009

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Pos	Quantity	Part No	price/pc EUR	total price EUR
1	1,00 pc	Helical-bevel geared motor	718,81	718,81
		<b>K77 DT90S4/TF</b>		
		Speed 50Hz [r/min]	: 1400 / 16	
		Speed 60Hz [r/min]	: 1700 / 19	
		Total ratio [I]	: 88,97 / infinite	
		Output torque 50Hz [Nm]	: 670	
		Output torque 60Hz [Nm]	: 550	
		Service factor FB	: 2,30 / 2,80	
		Mounting position	: M1AB	
		Term.box.pos. cable entry	: 0 (R) / Normal	
		Lubricant / -volume [l]	: CLP 220 Miner.Oil / 2,20	
		Output shaft end	: 50x100mm lg.	
		Design	: Foot-mounted version	
		Documentation no. A	: 11227028	
		Parts list	: 33257795	
		Motor power [kW]	: 1.1	
		Cyclic duration factor S1-S10	: S1	
		Multi range-voltage 50Hz [V]	: 220-240 delta / 380-415 star	
		Rated current [A]	: 4,85 / 2,80	
		Multi range-voltage 60Hz [V]	: 240-266 delta / 415-460 star	
		Rated current [A]	: 4,40 / 2,55	
		circuit diagram	: DT13 / 087980576	
		cos phi	: 0,77	
		Thermal class/Enclosure[IP]	: F / 54	
		Energy efficiency class	: EFF2	
		Access. feature motor protec.	: TF temperature sensor	
		Documentation no. A	: 11291834	
		Parts list	: 086160402	
		Name plate	: Slovakian	
		Opera.instr. A lang./quantity	: Slovakian	
		Commodity code	: 85015220	
		<b>net weight approx. kg</b>	: 71,00 each 71,00 total	
		<b>Delivery time: 1 weeks</b>		
		01.3709796301.0001.04		
2	1,00 pc	Planetary servo GU+adapter	553,73	553,73
		<b>PSF521 EPH05/20/13</b>		
		Speed [r/min]	: 3000 / 429	
		Max. input speed [r/min]	: 6000	
		Total ratio [I]	: 7,00 / finite	
		No. of teeth nom./denominator	: 7/1	
		Output torque [Nm]	: 285	
		Max. overhung load [N]	: 6440	
		Mounting position	: M2	
		Lubricant / -volume [l]	: CLP PG 220 Synth.Oil / 0,215	
		Oil manufacturer designation	: Klübersynth GH 6-220	
		Max. input torque [Nm]	: 52,00	

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Pos	Quantity	Part No	price/pc EUR	total price EUR
			<b>balance EUR</b>	<b>1 272,54</b>
		Paint coat	: Top coat RAL9005 (deep black)	
		Output shaft end	: 32x58mm lg.	
		Design	: Flange-mounted version	
		Flange	: Centering shoulder 90mm, hole circle : through holes 120mm	
		Output oil seal material	: Viton	
		Backlash PHI max [°]	: 6 angular minute	
		Documentation no. A	: 11273216	
		Parts list	: 572540003	
		Output oil seal material	: Viton	
		Input flange	: Centering diameter 130mm, hole circle : 165mm, thread diameter M10	
		Bore on input side	: 24mm	
		Parts list	: 232540103	
		Name plate	: Slovakian / Adhesive plate	
		Opera.instr. A lang./quantity	: Slovakian	
		Commodity code	: 84834029	
		<b>net weight approx. kg</b>	: 9,00 each 9,00 total	
		<b>Delivery time: 1 weeks</b>		
<b>3</b>	<b>1,00 pc</b>	<b>MOVIMOT-helical geared motor</b>	<b>587,89</b>	<b>587,89</b>
		<b>RF27/II2GD DT90S4/TH/MM15/BW1/II3D</b>		
		Input speed [r/min]	: 300 - 2900	
		Output speed [r/min]	: 25 - 245	
		Max. output speed [r/min]	: 127	
		Max. input speed [r/min]	: 1500	
		Total ratio [I]	: 11,86 / infinite	
		Output torque [Nm]	: 89	
		Max. input torque [Nm]	: 7,50	
		Max. overhung load [N]	: 1620	
		Service factor FB	: 1,15	
		Mou. pos. / Pivoting angle [°]	: M1-M2 / 30	
		Term.box.pos. cable entry	: 270 (T) / normal	
		Lubricant / -volume [l]	: CLP HC 220 Synth.Oil / 0,40	
		Assembly instruction	: ATEX-unit per assembly-instruction : part-no. 017570202	
		Frequency inverter duty	: Gear unit on a frequency controlled : motor given free for the max permissible : speed and input torque. The duty of the : frequency controlled gear and motor is : to find in the operating instructions.	
		Output shaft end	: 25x50mm lg.	
		Flange	: 160mm	
		Output oil seal	: 2 oil seals Viton	
		EX protection gear unit	: II 2GD c,k T4/T120C	
		Enclosure reducer [IP]	: 65	
		Documentation no. A	: 11281626	
			<b>balance EUR</b>	<b>1 860,43</b>

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Pos	Quantity	Part No	price/pc EUR	total price EUR
			<b>balance EUR</b>	<b>1 860,43</b>

Motor power [kW] : 0.08 / 1.1  
 Cyclic duration factor S1-S10 : S1  
 Motor frequency [Hz] : 100  
 Std. circuit diagram no. : 803630003  
 Multi range-voltage 50Hz [V] : 400-500  
 Multi range-voltage 60Hz [V] : 400-500  
 MMOT rated main current [A] : 2,40  
 MMOT rated O\P current [A] : 3,20  
 cos phi : 0,99  
 Thermal class/Enclosure[IP] : F / 65  
 Access. feature ex. protection : II3D dust explosion protection D  
 EX protection design dust : II3D Ex tD A22 IP65 140°C  
 Surface temperature [°C] : 140  
 Access. feature ventilation : ALU aluminum fan  
 Access. feature motor protec. : TH thermostat  
 Type-MOVIMOT : MM15C-503-04  
 DIP-switch setting : 00000000 00000000  
 MOVIMOT braking resistor : BW1  
 MOVIMOT-short information : 10549617 / EN, will be supplied inside  
 : the terminal box  
 Documentation no. A : 11407220  
 Parts list : 086160402 / 080520504  
  
 Name plate : Slovakian  
 Opera.instr. A lang./quantity : Slovakian / 1  
 Commodity code : 85015220  
**net weight approx. kg** : 20,00 each 20,00 total

**Delivery time: 1 weeks**

01.1166880401.0001.07

<b>4</b>	<b>1,00 pc</b>	<b>Helical-bevel geared motor</b>	<b>938,76</b>	<b>938,76</b>
		<b>KA37/T DT90L4/BMG/TF/ES1C/IS</b>		
		Speed [r/min] : 1710 / 141		
		Total ratio [I] : 12,14 / infinite		
		Output torque [Nm] : 102		
		Service factor FB : 1,55		
		Mounting position : M4A		
		Term.box.pos. cable entry : 180 (L) / normal		
		Lubricant / -volume [I] : CLP 220 Miner.Oil / 1,40		
		Hollow shaft : 30mm		
		Design : Hollow shaft		
		General access. feature : T with torque arm		
		Documentation no. A : 11227028		
		Parts list : 382510795		
		Motor power [kW] : 1.5		
		Cyclic duration factor S1-S10 : S1		

**balance EUR****2 799,19**

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Pos	Quantity	Part No	price/pc EUR	total price EUR
			<b>balance EUR</b>	<b>2 799,19</b>

Motor voltage [V] / conn. type : 230/400 delta/star  
 Circuit diagram conn.plug : DT81 / 097600297  
 Rated current [A] : 6,20 / 3,55  
 cos phi : 0,78  
 Thermal class/Enclosure[IP] : F / 54  
 General access. feature : IS integrated plug connector  
 Acc. feat. brake/brake release : BMG / without  
 Brake voltage [V]/-torque [Nm] : 230 AC / 20  
 Brake rectifier : BGE1  
 brake circuit diagram : AT103 / 09761297  
 Access. feature motor protec. : TF temperature sensor  
 Add. feat. encoder option : ES1C encoder, supply voltage: 24V, out-  
 : put signal: HTL, connected to wiring  
 : diagram no. 08848000  
 Documentation no. A : 11291834  
 Parts list : 095890501 / 084500896 / 084020993  
  
 Name plate : Slovakian  
 Opera.instr. A lang./quantity : Slovakian  
 Commodity code : 85015220  
**net weight approx. kg** : 38,00 each 38,00 total

**Delivery time: 1 weeks**

01.1114876203.0001.05

<b>5</b>	<b>1,00 pc</b>	<b>Helical-bevel gear unit</b>	<b>443,50</b>	<b>443,50</b>
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**K67/A**

Speed [r/min] : 1400 / 24  
 Total ratio [I] : 57,28 / infinite  
 Output torque [Nm] : 820  
 Mounting position : M1AB  
 Lubricant / -volume [I] : CLP 220 Miner.Oil / 1,10  
  
 Output shaft end : 40x80mm lg.  
 Design : Foot-mounted version  
 Filled with oil 1st gear : \*\*1st gear unit without lubricant\*\*  
 Pinion bore [mm] : 14  
 Addit. feature input side : A without input shaft assembly  
 Documentation no. A : 11227028  
 Parts list : 33255795  
  
 Name plate : Slovakian  
 Opera.instr. A lang./quantity : Slovakian  
 Commodity code : 84834023  
**net weight approx. kg** : 30,00 each 30,00 total

**Delivery time: 1 weeks**

45.4504686201.0001.08

**balance EUR****3 242,69**

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Date: 23.03.2009

Pos	Quantity	Part No	price/pc EUR	total price EUR
6	1,00 pc	AC squirrel-cage motor	balance EUR 193,23	3 435,92 193,23
		<b>DFT71D2/BMG</b>		
		Mounting position	: B5	
		Term.box.pos. cable entry	: 0 (R) / Normal	
		Output shaft end	: pinion spigot 10mm	
		Flange	: 120mm cross-angle hole pattern	
		motor speed [r/min]	: 2700 / 3300	
		Motor power [kW]	: 0.55	
		Cyclic duration factor S1-S10	: S1	
		Multi range-voltage 50Hz [V]	: 220-240 delta / 380-415 star	
		Rated current [A]	: 3,05 / 1,75	
		Multi range-voltage 60Hz [V]	: 240-266 delta / 415-460 star	
		Rated current [A]	: 2,75 / 1,59	
		circuit diagram	: DT13 / 087980576	
		cos phi	: 0,78	
		Thermal class/Enclosure[IP]	: F / 54	
		Acc. feat. brake/brake release	: BMG / without	
		Brake voltage [V]/-torque [Nm]	: 230 AC / 5	
		Multi range-voltage BS [V]	: 220-266 AC	
		Brake rectifier	: BG1.5	
		brake circuit diagram	: AT127 / 09768587	
		Documentation no. A	: 11291834	
		Parts list	: 097101487	
		Name plate	: Slovakian	
		Opera.instr. A lang./quantity	: Slovakian	
		Commodity code	: 85015100	
		<b>net weight approx. kg</b>	: 10,00 each 10,00 total	
		<b>Delivery time: 1 weeks</b>		
		45042123.0001.01		
7	2,00 pc	Helical geared motor	170,26	340,52
		<b>R27 DR63L4</b>		
		Speed 50Hz [r/min]	: 1300 / 67	
		Speed 60Hz [r/min]	: 1600 / 83	
		Total ratio [I]	: 19,35 / infinite	
		Output torque 50Hz [Nm]	: 36	
		Output torque 60Hz [Nm]	: 29	
		Service factor FB	: 3,70 / 4,50	
		Mounting position	: M1	
		Term.box.pos. cable entry	: 0 (R) / Normal	
		Lubricant / -volume [l]	: CLP 220 Miner.Oil / 0,25	
		Output shaft end	: 25x50mm lg.	
		Documentation no. A	: 11227028	
		Parts list	: 01251498	
		Motor power [kW]	: 0.25	
			<b>balance EUR</b>	<b>3 776,44</b>

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Pos	Quantity	Part No	price/pc EUR	total price EUR
			<b>balance EUR</b>	<b>3 776,44</b>

Multi range-voltage 50Hz [V] : 220-240 delta / 380-415 star  
 Rated current [A] : 1,27 / 0,73  
 Multi range-voltage 60Hz [V] : 240-266 delta / 415-460 star  
 Rated current [A] : 1,15 / 0,66  
 circuit diagram : DT13 / 087980576  
 cos phi : 0,81  
 Thermal class/Enclosure[IP] : F / 54  
 Documentation no. A : 11291834  
 Parts list : 084730298

Name plate : Slovakian  
 Opera.instr. A lang./quantity : Slovakian  
 Commodity code : 85015100  
**net weight approx. kg** : 10,00 each 20,00 total

**Delivery time: 1 weeks**

45502421.0005.01

<b>8</b>	<b>6,00 pc</b>	<b>Planetary gear unit</b>	<b>490,00</b>	<b>2 940,00</b>
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**PSE311/R/EK14**

Speed [r/min] : 1400 / 140  
 Total ratio [I] : 10,00  
 Mounting position : M0, universal  
 Lubricant / -volume [I] : KP HC E 2P -40 Synth.Grease / 0,020  
 Paint coat : Top coat RAL9005 (deep black)

Output shaft end : Special (refer text below)  
 Flange : 90  
 Output oil seal material : Viton  
 Special unique feature : As described above  
 General access. feature : R reduced circumferential backlash  
 Addit. feature input side : EK14 input coupling  
 additional text : output shaft 25x36  
 additional text : with key  
 additional text : reducedbacklash<1 angleminute  
 additional text : VERSTARKTE LAGERUNG  
 additional text : 2.SICHERUNGSRING  
 additional text : WELLENMUTTER M. ADAPTERRING  
 additional text : IDENT-NR.2972492  
 Documentation no. A : 11273216

Name plate : Slovakian / Aluminium  
 Opera.instr. A lang./quantity : Slovakian  
 Commodity code : 84834029  
**net weight approx. kg** : 4,00 each 24,00 total

**Delivery time: 1 weeks**

SPECIALITA-hriadel 25x36 01.1147890201.0006.06

**balance EUR****6 716,44**

## Quotation



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Date: 23.03.2009

Pos	Quantity	Part No	price/pc EUR	total price EUR
9	2,00 pc	<b>MOVIMOT AC motor</b>	<b>balance EUR</b> 868,29	<b>8 453,02</b> 1 736,58
		<b>DV100M4/BMG/TH/MM30/MLU</b>		
		Mounting position	: B3	
		Term.box.pos. cable entry	: 270 (T) / normal	
		Location mounting MM../MSW	: Option position 2	
		Output shaft end	: 28x60mm lg.	
		motor speed [r/min]	: 290 / 2900	
		Motor power [kW]	: 0.3 / 3	
		Cyclic duration factor S1-S10	: S1	
		Motor frequency [Hz]	: 100	
		Std. circuit diagram no.	: 088420100	
		Multi range-voltage 50Hz [V]	: 380-500	
		Multi range-voltage 60Hz [V]	: 380-500	
		MMOT rated main current [A]	: 6,70	
		MMOT rated O\P current [A]	: 7,30	
		cos phi	: 0,99	
		Thermal class/Enclosure[IP]	: F / 54	
		Electrical regulation	: UL	
		Acc. feat. brake/brake release	: BMG / without	
		Brake voltage [V]/-torque [Nm]	: 110 AC / 40	
		Brake rectifier	: without	
		Access. feature motor protec.	: TH thermostat	
		Type-MOVIMOT	: MM30C-503-00	
		DIP-switch setting	: 00000000 00000000	
		Add. MOVIMOT option	: MLU11A 24V DC supply voltage, (mounted on terminal box)	
		MOVIMOT-short information	: 10549617 / EN, will be supplied inside the terminal box	
		Documentation no. A	: 11441623	
		Parts list	: 095530500 / 800530007	
		Name plate	: Slovakian	
		Opera.instr. A lang./quantity	: Slovakian / 1	
		Commodity code	: 85015220	
		<b>net weight approx. kg</b>	: 32,00 each 64,00 total	
		<b>Delivery time: 1 weeks</b>		
		01.1173260101.0001.07		
10	2,00 pc	<b>Synchronous motor</b>	<b>489,04</b>	<b>978,08</b>
		<b>CMP63M/BP/KY/RH1M/SB1</b>		
		Mounting position	: B5	
		Term.box.pos. cable entry	: 270 / variable position	
		Paint coat	: Top coat RAL9005 (deep black)	
		Output shaft end	: 14x30mm lg.	
		Flange	: 88mm Square flange	
		Motor rated speed [rpm]	: 4500	
		Motor torque [Nm]	: 5,30	
		<b>balance EUR</b>		<b>9 431,10</b>

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Pos	Quantity	Part No	price/pc EUR	total price EUR
			<b>balance EUR</b>	<b>9 431,10</b>
		Motor voltage [V]	: 400	
		circuit diagram	: DT11	
		Circuit diagram no.	: 080870505	
		Max. permiss. frequency [Hz]	: 225	
		Max. permiss. current [A]	: 32,40	
		I0 standstill current [A]	: 5,40	
		Thermal class/Enclosure[IP]	: F / 65	
		General access. feature	: SB1 plug connector	
		Acc. feat. brake/brake release	: BP / without	
		Brake voltage [V]/-torque [Nm]	: 24 DC / 9.3	
		Brake rectifier	: without	
		Temperature measuring	: KY = KTY84-130 temperature sensor	
		Add. feat. encoder option	: RH1M resolver 2-pole	
		Documentation no. A	: 11413638	
		Parts list	: 091090205	
		Name plate	: German	
		Opera.instr. A lang./quantity	: Slovakian	
		Commodity code	: 85015220	
		<b>net weight approx. kg</b>	: 6,00 each 12,00 total	
		<b>Delivery time: 1 weeks</b>		
11	4,00 pc	Helical-bevel geared motor	618,53	2 474,12
		<b>K67 DT80K4/TF</b>		
		Speed 50Hz [r/min]	: 1360 / 18	
		Speed 60Hz [r/min]	: 1660 / 22	
		Total ratio [i]	: 76,37 / infinite	
		Output torque 50Hz [Nm]	: 295	
		Output torque 60Hz [Nm]	: 240	
		Service factor FB	: 2,80 / 3,40	
		Mounting position	: M1AB	
		Term.box.pos. cable entry	: 0 (R) / Normal	
		Lubricant / -volume [l]	: CLP 220 Miner.Oil / 1,10	
		Output shaft end	: 40x80mm lg.	
		Design	: Foot-mounted version	
		Documentation no. A	: 11227028	
		Parts list	: 33255795	
		Motor power [kW]	: 0.55	
		Cyclic duration factor S1-S10	: S1	
		Multi range-voltage 50Hz [V]	: 220-240 delta / 380-415 star	
		Rated current [A]	: 3,05 / 1,75	
		Multi range-voltage 60Hz [V]	: 240-266 delta / 415-460 star	
		Rated current [A]	: 2,75 / 1,59	
		circuit diagram	: DT13 / 087980576	
		cos phi	: 0,72	
		Thermal class/Enclosure[IP]	: F / 54	
		Access. feature motor protec.	: TF temperature sensor	
		Documentation no. A	: 11291834	
		Parts list	: 088221587	
			<b>balance EUR</b>	<b>11 905,22</b>

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Pos	Quantity	Part No	price/pc EUR	total price EUR
			<b>balance EUR</b>	<b>11 905,22</b>

Name plate : Slovakian  
 Opera.instr. A lang./quantity : Slovakian  
 Commodity code : 85015100  
**net weight approx. kg** : 39,00 each 156,00 total

**Delivery time: 1 weeks**

01.3709533801.0005.04

<b>12</b>	<b>1,00 pc</b>	<b>Input cover complete</b>	<b>178,54</b>	<b>178,54</b>
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**AD5**

Mounting position : M1

Output shaft end : pinion spigot 32mm  
 Flange : 250mm cross-angle hole pattern  
 Input shaft end : 42x110mm  
 Documentation no. A : 11227028  
 Parts list : 23254599

Name plate : Slovakian  
 Opera.instr. A lang./quantity : Slovakian  
 Commodity code : 84839089  
**net weight approx. kg** : 33,00 each 33,00 total

**Delivery time: 1 weeks**

50.01074664.01.0001.05.01(priruba 250,300,350,450,550)

<b>13</b>	<b>1,00 pc</b>	<b>Helical geared motor</b>	<b>514,92</b>	<b>514,92</b>
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**R40 DT71D8/2/BMG/HR**

Speed [r/min] : 675 / 42  
 Speed [r/min] : 2670 / 164  
 Total ratio [I] : 16,25 / infinite  
 Output torque [Nm] : 14 / 15  
 Service factor FB : 7,30 / 6,90  
 Mounting position : M1  
 Term.box.pos. cable entry : 0 (R) / Normal  
 Lubricant / -volume [l] : CLP 220 Miner.Oil / 0,30

Output shaft end : 25x50mm lg.  
 Documentation no. A : 11227028  
 Parts list : 01268873

Motor power [kW] : 0.06 / 0.25  
 Cyclic duration factor S1-S10 : S3/40/60  
 Motor frequency [Hz] : 50  
 Motor voltage [V] / conn. type : 400 star/star  
 circuit diagram : DT43 / 08828477  
 Rated current [A] : 0,44 / 0,70  
 cos phi : 0,66 / 0,89  
 Thermal class/Enclosure[IP] : F / 54

**balance EUR****12 598,68**

