SAPTHA INNOVATIONS PVT LTD

Mktg. Off: #3/2, 19th Cross, 6th Main, Malleswaram, Bangalore - 560 055. Telefax: 91-80-23464013. Mobile:9538869214

E-Mall: sapthasales6@sapthagroup.com,sapthasales@sapthagroup.com. Web: www.sapthagroup.com contact: 080-23560225 / 9538869214

Ref: SIPL/VIN/2022/SAP/IND/MAR/0592

Date:08-04-2022

Jindal Aluminium

Kind Attn:Mr. Rajgopal C. Sarda Mob No : .+91 9611-195-368

We thank you very much for your Enquiry for Grundfos Pumps/Accessories and our offer for the same is as under.

SL NO					
	1) GRUNDFOS MAKE VERTICAL MULTISTAGE CENTRIFUGAL PUMP WITH MOTOR TYPE-CRN10-16 A-FGJ-G-V-HQQV MODEL. A98640348P11547 ,5.5KW, HEAD-163 METER.,RPM 2919, FLOW RATE 10 M3/HR,PMAX/TMAX-25/90, UTY: 1 NO.	UNIT	QTY	UNIT PRICE	TOTAL PRICE
	PUMP MODEL: CRN 10-16 A-FGI-A-V-HQQV	Table 1977			
	Q = 6 m³/h, H = 161 m, 5.5 KW, MOC SS , SS Impeller, 3 x 380-415 V , 50Hz, 2 Pole.	No's	1	1,95748.00	Ø 05 740
	TOTAL			10	1,95,748
11	Forwarding & Packing Charges Grand Total inclusive of Transporation Charges to the site			179	1,95,748
	HSN CODE: Centrifugal Pumps: 84137010 HSN CODE: Control Panel : 85371000 HSN CODE:FLOAT SWITCH : 85369090	Propins	R	1761	1,500

HSN CODE:FLOAT SWITCH: 85369090 HSN CODE: TANK: 73101090

TERMS	R	COND	TIONS:

1. Our scope is only supply of pumps .

2. All electrical wiring, plumbing and necessary civil works will be in customer's scope

3. Inspection of materials at site has to be done within 7 days from the date of supply of materials to the site be and any damages found has to brought to our notice

4. Warranty certificates will be sent with the pump sets/invoices.

5. Warrantee will be 12 months from the date of commissioning or 18 months from the date of supply whichever occur earlier on manufacturing

Test Certificates will be on chargeable basis per pump/per system basis.

7. Motor is Grundfos Standard execution TEFC Motor.

8.Performance curve with technical data sheet and dimensional details enclosed herewith.

9.Unloading of materials at site will be in customer's scope.

TERMS & CONDITIONS:

1. Prices: Ex-Our warehouse Bangalore.

2. Taxes: Extra GST as Applicable, Currently 12% for pumps and 18% for Accessories.

3. Delivery: 2-4 weeks from the date of receipt of your technically and commercially clear order.

4. Payment : 50% advance with the purchase order and 50% against proforma before despatch of mat

5. Transport & handling charges ,extra to site or warehouse.

6. Validity: 30 Days.

7. Order cancellation charges due to change in specifications , delay in project, site not ready etc ; 30% of the total value will be charged

8. If the pumps are not lifted after the stipulated time of readiness of pumps, then the storage charges as per our Grundfos principal policy on weekly basis will be charged and other processing only after the manufacturing clereance is confirmed from the pump.

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08.04.2022

ISM/S-1/2022-23/0116 M/s. Jindal Aluminium Ltd. Bhiwadi

> Kind Atten.: Mr. Rajgopal Sir Subject : Your requirement of Grundfos make Pump-set

Dear Sir,

no.	Description	Price Each in Rs.	Quantity	Total Price
1	Grundfos make Pump-Set			
The Technical det	ails of the system are as under :			
Make	- GRUNDFOS			1
Model	- CRN 10-16			
Pump Type	 Vertical Inline Multistage 			ĺ
Head	- 132 mtr			
Flow	- 10 m3/hr			
Pipe connection	- 40 X 40 mm			
Absorbed KW	- 5.24 KW			
Recomm, KW	- 5.5 KW			
NPSHr	- 2.87 mtr	201621,00	1 Nos.	20120120
Pump RPM	- 2900 RPM	301921.00	1 105.	201621.00
Phase	- Three		1	_
Eff. Pump	- 68.6%		111	
Seal	 Mechanical Seal 		769	1
Liquid		la 457		/
a) Sp. Gravity	- 1	0 1.51	. 1	1
b) Tempreture	- 0*C - 90*C	Ps.1,5	1/1	
c) Viscosity	- As Water	ts.	~U. 1.	1
MOC Pump			2	
Impeller	- SS 316	*		
Casing	- SS 316	1 1		
Shaft	- SS 316			
Suc, X Dis, Port	- SS 316	1		
Motor	 Grundfos 	1		
KW	- 5.5 KW			1
RPM	- 3000 RPM	1 1		1
Motor Efficiency	class - IE3			

D. THOM, Berlago Mang. Managhark, Names of Divers

1.F.O.R. : Your Bhiwadi Plant.

2.GST / HSN Code : Extra as applicable at the time of billing. (Centrifugal pumps@12% (84137010).

Payment : 50% advance and balance against PI before dispatch of material.

: 6-8 weeks from the date of your techno commercially approved PO along with advance. 4.Delivery

5) Warrenty: 18 months from the date of commissioning OR 24 months from the date of supply, whichever is earlier. 6) Performance test report and insepction charges extra as per our policy. We provide complience warrenty certificate:

All civil works , electrical cabaling etc. at your scope.

8) LD clause is not acceptable.

9) Order cancellation: Panelty towards order cancellation shall be applicable as per Grundfos Policy

10) Validity : Offer valid for 30 days.

Note: Commissioning of pumps in our scope, kindly Inform us after Installation of the pumps considering 1 week margin

We now look forward towards receiving your valued order.

Thanking you and assuring you of our best services and co-operation always.

Yours sincerely,

Industrial Sales & Manufacturing Co.

Virendra Singh (9929522274)

CONTRACTOR STREET, STR

House the same

GRUNDFOS X



Created by: Phone:

Date:

08/04/2022

Qty. Description

CRN 10-16 A-FGJ-A-V-HQQV



Note! Product picture may differ from actual product

Product No.: 96501398

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via combined DIN-ANSI-JIS

The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

Further product details

Steel, cast iron and aluminium components have an epoxy-based coating made in a cathodic electro-deposition

CED is a high-quality dip-painting process where an electrical field around the products ensures deposition of paint particles as a thin, well-controlled layer on the surface.

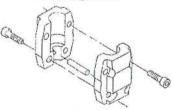
An integral part of the process is a pretreatment.

The entire process consists of these elements:

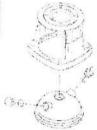
- 1) Alkaline-based cleaning.
- 2) Zinc phosphating.
- 3) Cathodic electro-deposition.
- 4) Curing to a dry film thickness 18-22 my m.

The colour code for the finished product is NCS 9000/RAL 9005.

A standard split coupling connects the pump and motor shaft. It is enclosed in the pump head/motor stool by means



The pump head and flange for motor mounting is made in one piece (cast iron). The pump head cover is a separate component (stainless steel). The pump head has a combined 1/2" priming plug and vent screw.



The pump is fitted with a balanced O-ring seal unit with a rigid torque-transmission system. This seal type is assembled in a cartridge unit which makes replacement safe and easy.



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08/04/2022

Qty. Description

Due to the balancing, this seal type is suitable for high-pressure applications.

The cartridge construction also protects the pump shaft from possible wear from a dynamic O-ring between pump shaft and shaft seal.

Seal faces:

- Rotating seal ring material: silicon carbide (SiC)
- Stationary seat material: silicon carbide (SiC)

This material pairing is used where higher corrosion resistance is required. The high hardness of this material pairing offers good resistance against abrasive particles.

Secondary seal material: FKM (fluorocarbon rubber)

FKM has excellent resistance to oils and chemicals. Above 90 °C, FKM should only be used in media without water.



The shaft seal is screwed into the pump head.

The chambers and impellers are made of stainless-steel sheet. The chambers are provided with a PTFE neck ring offering improved sealing and high efficiency. The impellers have smooth surfaces, and the shape of the blades ensure a high efficiency.

The pump has a stainless steel base mounted on a separate base plate.

This base and base plate are kept in position by the tension of the staybolts which hold the pump together.

The outlet side of the base has a combined drain plug and bypass valve.

The pump is secured to the foundation by four bolts through the base plate.

The flanges and base are cast in one piece and prepared for connection by means of DIN, ANSI or JIS.

Motor

The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. The motor is flange-mounted with free-hole flange (FF).

Motor-mounting designation in accordance with IEC 60034-7: IM B 5 (Code I) / IM 3001 (Code II).

Electrical tolerances comply with IEC 60034.

The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1.

The motor has thermistors (PTC sensors) in the windings in accordance with DIN 44081/DIN 44082. The protection reacts to both slow- and quick-rising temperatures, e.g. constant overload and stalled conditions.

Thermal switches must be connected to an external control circuit in a way which ensures that the automatic reset cannot cause accidents. The motors must be connected to a motor-protective circuit breaker according to local

The motor can be connected to a variable speed drive for adjustment of pump performance to any duty point. Grundfos CUE offers a range of variable speed drives. Please find more information in Grundfos Product Center.

Technical data

Liquid:

Pumped liquid:

Water

Liquid temperature range:

253 .. 363 K

Selected liquid temperature:

293 K

Density:

998.2 kg/m³

Technical:

Pump speed on which pump data are based:

2919 rpm

Actual calculated flow: Resulting head of the pump:

10.02 m3/h 132.1 m

Pump orientation:

Vertical

Single

Shaft seal arrangement: Code for shaft seal:

HOOV

Approvals:

CE,EAC,UKCA,SEPRO

Company name: Industrial sales

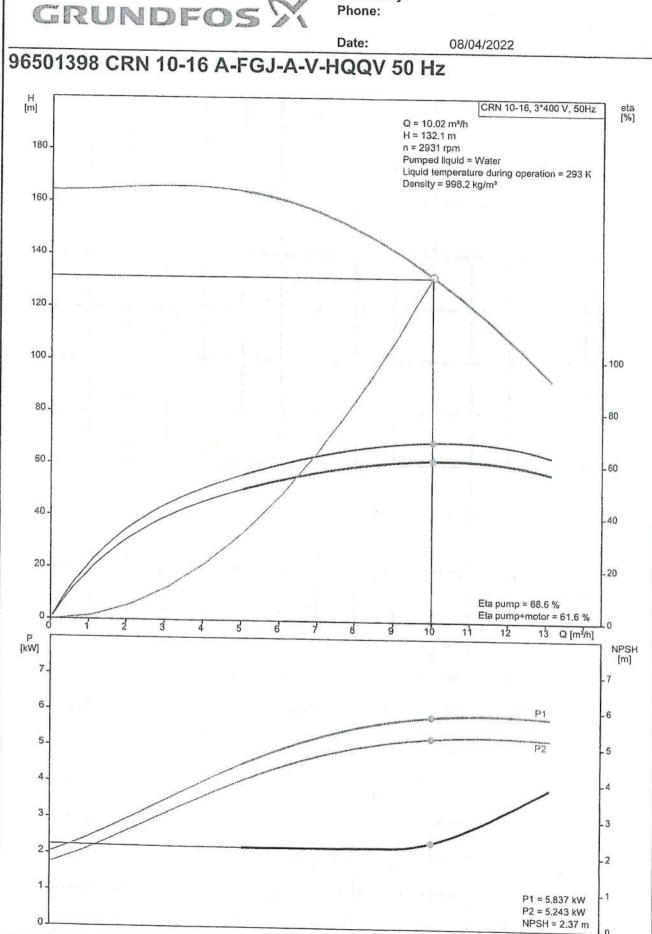
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Date:

Qty.	Description				
	Approvals for drinking water:	WRAS			
	Curve tolerance:	ISO9906:2012 3B			
1	Materials:				
1	Base:	Stainless steel			
		EN 1.4408			
		AISI 316			
	Impeller:	Stainless steel			
		EN 1.4401			
l		AISI 316			
	Bearing:	SIC			
	Installation:				
	t max amb;	333 K			
	Maximum operating pressure:	2500 kPa			
	Max pressure at stated temp:	25 bar / 90 °C			
	William Committee Committe	25 bar / -20 °C			
	Type of connection:	DIN / ANSI / JIS			
	Size of inlet connection:	DN 40			
	Size of outlet connection:	DN 40			
	Pressure rating for connection:	PN 25			
	Flange rating inlet:	300 lb			
	Flange size for motor:	FF265			
	Electrical data:				
0	Motor standard:	IEO			
	Motor type:	IEC			
	IE Efficiency class:	132SC IE3			
	Rated power - P2:	5.5 kW			
	Power (P2) required by pump:	5.5 kW			
	Mains frequency:	5.5 KVV 50 Hz			
	Rated voltage:	3 x 380-415D V			
	Rated current:	11 A			
	Starting current:	1080-1180 %		**	
	Cos phi - power factor:	0.87-0.82			
	Rated speed:	2920-2940 rpm			
	Efficiency:	IE3 89,2%			
	Motor efficiency at full load:	89.2 %			
	Motor efficiency at 3/4 load:	90.0 %			
	Motor efficiency at 1/2 load:	89.6 %			
	Number of poles:	2			
	Enclosure class (IEC 34-5):	55 Dust/Jetting			
	Insulation class (IEC 85):	F			
	Motor No:	85U17417			
	Controls:	Tax Vacantina			
	Frequency converter:	NONE			
	Others:				
	Minimum efficiency index, MEI ≥:	0.70			
	Net weight:	96 kg			
	Gross weight:	118 kg			
	Shipping volume:	0.321 m³			



Created by:

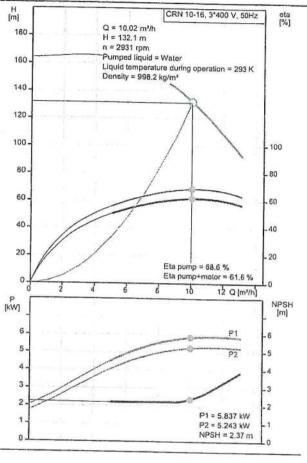


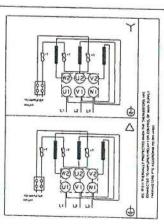
Company name: Industrial sales

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Date:

		Date:	08/04/2022
Description	Value	H [m]	CRN 10-16, 3*4
General information:		180 -	Q = 10.02 m ³ /h H = 132.1 m
Product name:	CRN 10-16 A-FGJ-A-V-HQQV	400	n = 2931 rpm Pumped liquid = Water
Product No:	96501398	160 -	Liquid temperature during operati
EAN number:	5700396221410	140_	Density = 998.2 kg/m³
Price:			
Technical:		120	
Pump speed on which pump data are based:	2919 rpm	100	
Actual calculated flow:	10.02 m³/h	7	
Resulting head of the pump:	132.1 m	80-	
Maximum head:	163 m	Ţ.	/
Stages:	16	60 -	
Impellers:	16		
Number of reduced-diameter impellers:	0	40.	
Low NPSH:	N		
Pump orientation:	Vertical	20-	-/-
Shaft seal arrangement:	Single		Eta pump = 68.
Code for shaft seal:	HQQV	0 1	Eta pump+moto
Approvals:	CE,EAC,UKCA,SEPRO	[kW]	4 6 6 10
Approvals for drinking water:	WRAS	[kW]	
Curve tolerance:	ISO9906:2012 3B	6 -	
Pump version:	A		Contraction of the Contraction o
Model:	A	5-	
Materials:	A.M.	4-	
Base:	Stainless steel	3-	
Base:	EN 1.4408	2.	
Base:	AISI 316	1.	P1 =
mpeller:	Stainless steel		P2 = NPSI
mpeller:	EN 1.4401	0.1	14131
mpeller:	AISI 316		
Material code:	Α	134	
Code for rubber:	V		7
Bearing:	SIC		Н
nstallation:	212	ā [B	
max amb:	333 K		
Maximum operating pressure:	2500 kPa	G 1/2	612
Max pressure at stated temp:	25 bar / 90 °C	(2)	4
Max pressure at stated temp:	25 bar / -20 °C	£ 1xG1/2	4.18.5 .23.5
ype of connection:	DIN / ANSI / JIS	n.A.	
Size of inlet connection:	DN 40	2 8	
Size of outlet connection:	DN 40	130	
Pressure rating for connection:	PN 25	200 200	108 4 . 13
lange rating inlet:	300 lb		246
lange size for motor:	FF265	_	
Connect code:	FGJ		
.iquid:			Υ
umped liquid:	Water		त का
iquid temperature range:	253 363 K	₿. ▮₿	β
elected liquid temperature:	293 K	LW3.	
Pensity:	998.2 kg/m³		ŏă III ,;
lectrical data:	rumavirus arbeitā loti pakitātā tiki	Towner C	
Notor standard:	IEC	til 1	عاما المام
fotor type:	132SC		△ 20 mm
Efficiency class:	IE3	Da 10a	Communication of the communica
lated power - P2:	5.5 kW		D Court
ower (P2) required by pump:	5.5 kW	1 1 1	@@_
fains frequency:	5.5 KW	# (D)	E CONSCION NE CONS





Company name: Industrial sales

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Date:

Rated current: Starting current:	Value 11 A	
Starting current:		
otaring current.	1080-1180 %	
Cos phi - power factor:	0.87-0.82	
Rated speed:	2920-2940 rpm	
Efficiency:	IE3 89.2%	
Motor efficiency at full load:	89.2 %	
Motor efficiency at 3/4 load:	90.0 %	
Motor efficiency at 1/2 load:	89.6 %	
Number of poles:	2	
Enclosure class (IEC 34-5):	55 Dust/Jetting	
Insulation class (IEC 85):	F	
Built-in motor protection:	PTC	
Motor No:	85U17417	
Controls:	300 11 111	
Frequency converter:	NONE	
Others:	110112	
Minimum efficiency index, MEI ≥:	0.70	
Net weight:	96 kg	
Gross weight:	118 kg	
Shipping volume:	0.321 m³	

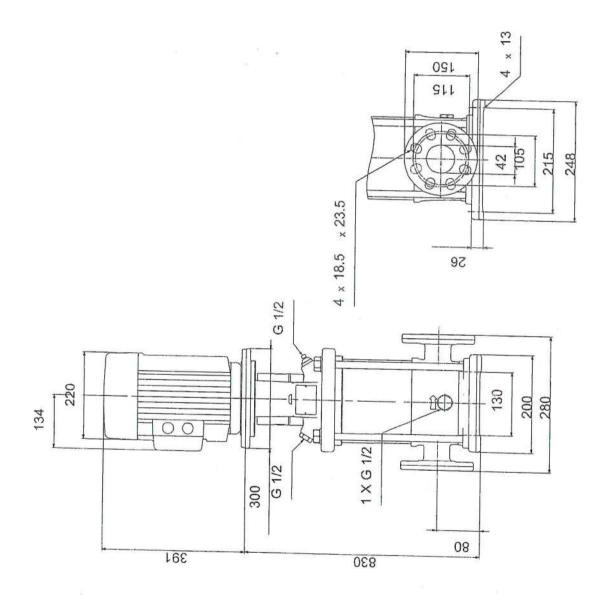


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96501398 CRN 10-16 A-FGJ-A-V-HQQV 50 Hz



Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

Company name: Industrial sales

Created by: Phone:

Date:

08/04/2022

Spare parts CRN 10-16, Product No. 96501398
Produced After 1152 (production year and week number)

_	Pos	Description Kit, Chamber stack	Annotation	Classifi	cation Data	12/2	Part no.	Qt	1.	Unit
	80						96491732	1		pcs
	3	Chamber stack							1	
	3	Top intermediate chamber								
		Guide vane								
		Cover plate								
	3	Top intermediate chamber								
	4a	Intermediate chamber cpl.								
		Sand Lifter								
		Guide cup	4							
		Bearing plate								
		Guide vane								
	3	Intermediate chamber								
	45	Neck ring cpl.								
	47	Bearing bush								
	65	Retainer								
	4	Intermediate chamber cpl.								
		Sand Lifter								
		Guide cup								
		Guide vane								
		Cover plate								
	3	Intermediate chamber								
	45	Neck ring cpl.								
	65	Retainer								
	26a	Strap cpl.								
	26.c	Washer			Designation, Dist.					
		Traditor.			Designation: DIN	125A				
	26.b	Hex head screw		Thickne	SS: 1,6					
	44b	Inlet part								
	44a	Inlet part cpt.								
	110	Inlet part								
	45	Neck ring cpl.								
	65	Retainer								
	47a	3330-330-330-330-330-33								
	49	Bearing ring								
	51	Impeller cpl.								
	51	Shaft, spline, cpl.								
	60	Bar								
	62	Stop ring								
	64c	Spacer								
	64a	Spacing bush			Length (mm): 9.00					
	64.d	Spacer								
	64	Spacing pipe			Length (mm): 29,0	5				
	66	Wedge lock washer								
	67	Lock nut			Thread: M8					
	69	Spacing bush			Length (mm): 18.0	0				
		Kit, Coupling			A		96511351	1		pcs
		Adjusting fork							1	000
	8	Coupling							1	
	9	Hex socket head cap screw			Designation: DIN 9	12			9.5	
				Length (
				Thread:	8 577					
	10a	Coupling half		, , , oud.						
	10	Shaft pin			Diameter: 5					
				Length (
				cengui (mm). 20					

Company name: Industrial sales

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Date:

7a	Kit, Coupling guard				Unit
ard.			96509613	1	pcs
	Combi Slot Torx screw			4	
7	Coupling guard			2	
	Kit, Gaskets		96509610		pcs
	Gasket			2	7.1
37	O-ring	Material type: FKM		2	
38	O-ring	Diameter: 5,3		1	
		Material type: FKM		1	
		Thickness: 2,4			
38	O-ring			43	
		Diameter: 16,3		1	
		Material type: FKM			
38	O ring	Thickness: 2,4			
-0	O-ring	Diameter: 16,3		2	
		Material type: FKM			
20		Thickness: 2,4			
39	O-ring			2	
60	Spring			4	
415	Gasket	Internal diameter: 44		2	
		Outer diameter: 60		2	
		Thickness: 2			
441b	Gasket	Internal diameter: 49			
		Outer diameter: 92		2	
		Thickness: 2			
	Kit, Plug	THICKIESS, Z	00=		
18	Air vent screw		96511312		pcs
200	Spindle			1	
25a	- Plug				
	Drain plug			1	
25	Plug			1	
38	O-ring			1	
38	O-ring			1	
38	O-ring			2	
38	O-ring	Diameter: 5,3		1	
		Material type: FKM		1	
		Thickness: 2,4			
38	O-ring	Diameter: 16,3		1020	
				1	
		Material type: FKM			
38	O-ring	Thickness: 2,4			
	o mig	Diameter: 16,3		2	
		Material type: FKM			
	Vii Ch-# - IIIC	Thickness: 2,4			
105	Kit, Shaft seal HQQV	3	96511845	1	pcs
105	Shaft seal	Material type: HQQV		1	10000000
200	Kit, Wear parts		96511925		pcs
4a	Intermediate chamber cpl.			3	
	Sand Lifter			3	
	Guide cup				
	Bearing plate				
	Guide vane				
3	Intermediate chamber				
45					
47	Neck ring cpt.				
	Bearing bush				
65	Retainer				
26c	Washer	Designation: DIN 125A		2	
		Thickness: 1,6		2	
26b	Hex head screw				
45	Neck ring cpl.			2	
10				15	9
47a	Bearing ring			3	

Company name: Industrial sales

Created by: Phone:

Date:

Pos 64d	Description Spacer	Annotation	Classification Data	Part no. Q	ty. Unit
64c	Spacer				3
64a	Spacing bush		programmes and control of the		1
65	Retainer		Length (mm): 9.00		3
66	Wedge lock washer				19
67	Lock nut				1
01	Motor		Thread: M8		1
				1	pcs
111	Kit, Bearing cpl.			96279803	1
153	Ball bearing		Designation: 620	06.2Z.C3.SYN	
157	Angular-contact bearing				
137	O-ring		Diameter: 62		
			Material type: NBR		
158	W .		Thickness: 3		- 1
130	Waved washer				
150-	Kit, End shield			96279790	1
156a	End shield				
157	O-ring		Diameter: 62		1
			Material type: NBR		
450			Thickness: 3		
158	Waved washer				
159a	Seal ring				-
	Kit, Eyebolt			96279825	1
189	Eyebolt			552,75525	500
200	Kit, Fan			96279758	1
156	Fan			002.70700	
159c	Seal ring				
159a	Seal ring			200	
	Kit, Fan cover			96279756	,
1516	Label			30213130	
151	Fan cover				- 1
152	Pan head thread forming screw				
	Kit, Flange			96279784	
156b	Flange			302/3/04	1
159.c	Seal ring				
186	Drain plug				
	Kit, Retaining ring			00070004	
187	Retaining ring			96279801	1
188	Retaining ring				
	Kit, Shaft seal			0000000	4
159d	Seal ring			96279764	1
159c	Seal ring				
	Kit, Staybolts			2	
181	Pan head staybolt			96279793	1
	Kit, Terminal board				8
	Bracket cpl.			96279769	1
163	Hex socket head screw				
73a	Base				10
73	Pan head thread forming screw		22000000 - 7000 - 840000		4
76	Slot cheese head screw		Designation: CON	MBI TORX T25	
	Clot Gligese Head Screw		Designation: CON	MBI TORX T25	
			Length (mm): 10		
76	Terminal		Thread: M5		
76	Terminal				
	Connecting piece				
76	Wire clamp				
76	Terminal board				
77	Pan head screw				
0.4	Kit, Terminal box			96279772	1
64	Terminal box cover w/gasket			30213112	
66	Pan head thread forming screw				

Company name: Industrial sales Created by: Phone:

Date:

Pos	Description	Annotation	Classification Data	Part no. Q	
	Motor		Date	Part no. Q	ly. Unit
0.902	Kit, Bearing cpl.			e anno como de la fina	pcs
111	Ball bearing		Designation: 60	96279803 206.2Z.C3.SYN	1
153	Angular-contact bearing		o congridation. Oz	200.22.03.311	
157	O-ring		Diameter: 62		
			Material type: NBR		
			Thickness: 3		
158	Waved washer		THICKINGSS. 3		
	Kit, End shield				
156a	End shield			96279790	1
157	O-ring		= 800		
	3		Diameter: 62		
			Material type: NBR		
158	Waved washer		Thickness: 3		
159a	Seal ring				
	Kit, Eyebolt				
189	Eyebolt			96279825	1
100	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			100 C	95
156	Kit, Fan			96279758	1
159c	Fan				
159c	Seal ring				
1098	Seal ring				
1516	Kit, Fan cover			96279756	a:
151b	Label			30213130	
151	Fan cover				
152	Pan head thread forming screw				- 1
1202100	Kit, Flange			0007070	
156b	Flange			96279784	1
159.c	Seal ring				
186	Drain plug				
	Kit, Retaining ring				
187	Retaining ring			96279801	1
188	Retaining ring				1
	Kit, Shaft seal				
159d	Seal ring			96279764	1
159c	Seal ring				1
	Kit, Staybolts				
181	Pan head staybolt			96279793	1
	Kit, Terminal board				
	Bracket cpl.			96279769	1
163	· ·			10	26
173a	Hex socket head screw Base				
173					- [
176	Pan head thread forming screw		Designation: COM	MBI TORX T25	
	Slot cheese head screw		Designation: COM	MBI TORX T25	
		Ì	Length (mm): 10	7.01.20	
76	reason and reason and		Thread: M5		
76	Terminal				
76	Connecting piece				
76	Wire clamp				
76	Terminal board				
77	Pan head screw				
	Kit, Terminal box				
64	Terminal box cover w/gasket			96279772	
66	Pan head thread forming screw				
a I	Pump head				
	Flange			98914854 1	pcs
	Pump cover			99104283 1	pcs
				98481138 1	pcs
a I	Top intermediate chamber Intermediate chamber cpl.			98371084 1	pcs
	THE PROPERTY OF STREET			2001 1004	LICS I

Company name: Industrial sales

Created by: Phone:

Date:

+	Pos 4a	Description Intermediate chamber cpl.	Annotation	n Classification Data	Part no.	Qty.	. Un
	4	Intermediate chamber cpl.			98371088		pcs
	3	Intermediate chamber			96538841	12	pcs
	45	Neck ring cpt.			98371	064	1
	4	9 1			96538	856	1
	6	Intermediate chamber cpl.			98371086	12	pcs
	10	Base			98892305	1	pcs
	10	Shaft pin		Diameter: 5	96536473	1	pcs
	10	OL-G. I		Length (mm): 26			Pou
	10	Shaft pin		Diameter: 5	96587588	1	pcs
	18	A.		Length (mm): 26			1
		Air vent screw			96547461	1	pcs
	18	Air vent screw			95061351	1	pcs
	25	Plug			96536013	* 1	pcs
	26a	Strap cpl.			98969439		- M.
	26.c	Washer		Designation: DIN 125A	99262704	-	pcs
				Thickness: 1,6	59202704	2	pcs
	26.c	Washer		Designation: DIN 125A	99886930	0	-
				Thickness: 1,6	33000930	2	pcs
	26	Staybolt			98982886		
	28	Hex head screw		Length (mm): 30			pcs
				Thread: M12	92673889	4	pcs
	32	Washer		Designation: DIN 125 A2	00044000		
				Internal diameter: 17	99944260	4	pcs
				Outer diameter: 30			
				Thickness: 3			
	36	Nut		Thread: M16			
	37	O-ring		Material type: FKM	99944257	4	pcs
	37a	O-ring		Waterial type. PKW	96538874	2	pcs
	38	O-ring		Dismotor 5.0	96538857	1	pcs
		500 - 0.000 CO		Diameter: 5,3	99198789	1	pcs
				Material type: FKM			
	38	O-ring		Thickness: 2,4			
		0		Diameter: 16,3	99198813	2	pcs
				Material type: FKM			
	38	O-ring		Thickness: 2,4			
		9		Diameter: 16,3	99412883	2	pcs
				Material type: FKM			
	44b	Inlet part		Thickness: 2,4			
	44a	Inlet part cpl.			98814593	1	pcs
	47a	Bearing ring			98890953	1	pcs
	49	Impeller cpl.			96538795	3	pcs
	51				98459841	16	pcs
	55	Shaft, spline, cpl. Outer sleeve			98368641	1	pcs
	56				98812645	1	pcs
		Base plate			98824711	1	
	60	Spring			100000000000000000000000000000000000000	4	pcs
	64c	Spacer			97980241	1	pcs
	64a	Spacing bush		Length (mm): 9.00			pcs
	64.d	Spacer		Decrease March March March (March 1994)		3	pcs
	64	Spacing pipe		Length (mm): 29.05		3	pcs
(56	Wedge lock washer		gur (min). 43.03		12	pcs
(36	Wedge lock washer			120 FEB 120 FEB 120 AND	1	pcs
6	67	Lock nut		Throad: MO		1	pcs
6		Spacing bush		Thread: M8		1	pcs
7	76a	Rivet		Length (mm): 18.00		1	pcs
	105	Shaft seal		Municipal (Sept. Company Compa	96620489	1	pcs
		Helical compression spring		Material type: HQQV	96538925		pcs
		spring			96547671	_	pcs