



CV. SENTRAL KARUNIA TEHNIK
Jl. Taman Ketapang Selatan AD-58
Semarang – 50192
Tel. 0811-271-898 / WA: 081-666-0910
Email: johannesoei@gmail.com

COMPANY PROFILE CV. SENTRAL KARUNIA TEHNIK – SEMARANG (工业供应技术零件)

CV. Sentral Karunia Tehnik – was established in 2015, based on Notarial Deed No. 18 dated August 21, 2015 and Business Identification Number (NIB) No. 1901220022488 dated January 19, 2022, and focuses our business on the Industrial Supply sector, especially engineering goods to serve the needs of various industries including, Pharmaceutical, Food & Beverages, Feed Mills, Plastic, Consumer Good, Cosmetic, Textile industries, etc.

“Our Mission is to Provide Good Quality Product on Competitive Price”

Here we provide information on the products that we can supply, as follows:

1. Hydraulic Parts, including Hydac, MP Filtri, Parker, Rexroth, Vickers, Tokimec, MAC, Eaton, etc.
2. Boiler Parts & Installation ie. Globe Valve, Gate Valve, Steam Trap, Y-Strainer Steam, Safety Valve, etc.
3. Pneumatic parts MINDMAN, FESTO, DPV, AIRTAC, PAMY etc.
4. Consumable Parts Screw Compressors of various brands, such as Kaeser, Atlas Copco, CompAir, IR, etc.
5. Various Industrial Pump of Brand: MILANO, EBARA, KSB, CALPEDA, STAIRS, CNP, KOSHIN, SANISO, KENJI, KUN DEA, GRUNDFOS, MILTON ROY, FLUGO, ETC.
6. Electric Motor: SIEMENS, LEROY SOMER, TECO, MARELLIMOTORI, ELEKTRIM, GGM.
7. Gearmotor : Motovario, Chenta, Transcyko, Transtechno, Transmax, SEW, Nord, Bonfiglioli, TCM, Etc.
8. HIWIN ball screw, HIWIN Linear Guideway, etc.
9. REXNORD Table Top Conveyor & Table Top Conveyor, Omega Coupling & Grid Coupling.
10. SINDO Chain Ex-China and DID Chain Ex-Japan.
11. Custom made Stainless Steel ENROBER Belt Conveyor & Stainless steel Wiremesh Conveyor (Curling Net)
12. CONTINENTAL Rubber Belt Conveyor – Open or Endless With Hot Splicing Joint.
13. Mechanical Seal, Motor Vibrator, Variator, Belt and Pulley.
14. Consumable parts for Diesel & Heavy Equipment, Water separator, Fuel Flowmeter, Filters – Filters, etc.
15. Providing Prefilter, Medium Filter & HEPA Filter Brand JAF (Japan Air Filter) and other brands.
16. Serving the manufacture of Washable Aluminum Pre-Filter for AHU – including synthetic media material.
17. Serving the manufacture of Element Heater and various types of electric heaters.
18. Lifting & Handling Equipment
19. Making Bag-Filter & Fluidized Bed Filter Drier with Polyester material, High temperature material, etc.
20. Making Air Grille, Diffuser, Volume damper, etc. for AC ducting (Aluminum & Stainless Material)
21. Water Treatment Plant Materials such as Carbon Active, RO Membrane, Anion Cation Resin, Multiport Valve, Silica Sand, Cartridge Filter, UV sterilizer, etc.
22. Stainless Steel Wiremesh, Perforated Plate Stainless and mild steel, Curling Net. etc.
23. Making Custom Condenser Unit for Compressor Air Dryer, Hydraulic Oil Cooler or Air Handling Unit. And others such as Evaporator Unit or Air Handling Unit (AHU)
24. Flowmeter for waste water with user certificate if required Brand SHM and Flowmeter for clean water.
25. Flowmeter brand SENSUS for hot water dan normal water, brand MAGNOS SS316 Flowmeter, Etc.

The customer references who have used our products are as follows:

No	Company Name	No	Company Name
1	PT. Nippon Indosari Corpindo Tbk (Sari Roti)	8	PT. Charoen Pokphan Indonesia
2	PT. Industri Jamu & Farmasi Sidomuncul Tbk	9	PT. Charoen Pokphan Jaya Farm
3	PT. Semarang Herbal Indoplant	10	PT. Japfa Comfeed Indonesia



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4	PT. Namasindo Plas – Solo	11	PT. Ciomas Adisatwa (Japfa Group)
5	PT. Namasindo Plas Abadi – Surabaya	12	PT. CJ FEED & CARE – Semarang
6	PT. Kartika Agung Dewata – Tabanan	13	PT. Bayuaji Nusantara Industri (Vit Drinking Water)
7	PT. Solo Murni (Kiky book factory)	14	PT. Tirta Empat Satu Berkah (Aguaria Drinking Water)
15	PT. Amidis (Amidis Drinking Water)	36	PT. Tiga Pilar Sejahterah - Sragen
16	PT. Victoria Care Indonesia (Herbrorist)	37	PT. Putra Taro Paloma - Sragen
17	PT. Kimia Farma – Semarang Plant	38	PT. So Good Food – Boyolali
18	PT. Itrasal – Pharmaceutical	39	PT. Arisamandiri Pratama – Demak
19	PT. Zenith Pharma	40	PT. SAI Apparel – Grobogan
20	PT. Etercon Pharma	41	PT. Surya Cakra Sejahtera - Karanganyar
21	PT. Nufarindo Exeltis	42	PT. Bahana Buana Box – Demak
22	PT. Nayati Indonesia	43	PT. Polygroup Manufaktur Indonesia – KIK Kendal
23	PT. Beverindo Indah Abadi	44	PT. New Hope Indonesia – Demak
24	Elizabeth Hospital – Semarang	45	PT. Unza Vitalis – Salatiga
25	Roemani Hospital – Semarang	46	PT. Santos Jaya Abadi – Semarang
26	Columbia Asia Hospital – Semarang	47	PT. Sinar Joyoboyo – Magelang
27	Sultan Agung Hospital – Semarang	48	PT. Laju Sinergi Metalindo – KIW Semarang
28	Wongso Negoro Hospital – Semarang	49	PT. Gratia Husada Farma – Semarang
29	Telogorejo Hospital – Semarang	50	PT. Sumber Agung Succes Mandiri – Solo
30	Primaya Hospital – Semarang	51	PT. Samil Textile Indonesia – KIK Kendal
31	PT. Delta Merlin Dunia Tekstile – Duniatex Group	52	PT. Hartono Istana Teknologi (Polytron) – Kudus
32	PT. Dae Young Textile – KIK Kendal	53	PT. Pura Barutama - Kudus
33	PT. Savana Tirta Makmur	54	PT. Harmoni Cahaya Indonesia – K.I. Sugimanik Grobogan
34	PT. Ganesa Tirta Raharja	55	PT. Poly Meditra Indonesia - Karanganyar
35	PT. Perindustrian Bapak Djenggot		

All those are the product range & work that we can serve, and we hope this information can be useful. Thank you.

Best regards,

Johannes Wijaya

Tel/WA: 0816-660-910



Your Trusted Partner

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Product Catalog

Katalog Produk



FIND A BETTER SOLUTION FOR YOUR INDUSTRIAL NEEDS HERE!



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隔膜式比例控制閥

Diaphragm Actuated Control Valve

閥體類型：單座球型閥
閥體尺寸：1/2"~4"
連接方式：法蘭 (FF, RF)
法蘭接續規格：JIS 10K、20K、30K、ANSI 150LB、300LB、DIN PN16、PN25、PN40
閥體材質：鑄鐵、鑄鋼、不鏽鋼
閥蓋型式：標準型、加長型、伸縮蓋型
法蘭端蓋至端面：ISO5752、IECISA75.03
控制洩漏分類依據：FCI 70-2-2003/ANSI B16.104

Type: Single Seated Globe Valve
Body Size: 1/2"~4"

Body Material: Cast Iron (FC250), Carbon Steel (SCPH2)(WCB), Stainless Steel (SCS13A)(CF8), SCS14A(CF8M), SCS14A(CF8M)
End Connection: Flanged End (FF, RF)
Pressure Rating: JIS 10K, 20K, 30K, ANSI 150LB, 300LB, DIN PN16, PN25, PN40

Bonnet: Standard, Extension, Bellows Seal
Face to Face: ISO5752, IEC (ISA75.03)
Leakage Class by: FCI 70-2-2003/ANSI B16.104



隔膜式三通比例控制閥

Diaphragm Actuated 3-Way Control Valve

閥體類型：單座球型閥
閥體尺寸：1/2"~6"
連接方式：法蘭 (FF, RF)
閥體材質：鑄鐵 (FC250)、鑄鋼 (SCPH2)(WCB)、不鏽鋼 (SCS13)(CF8)、SCS14(CF8M)
法蘭接續規格：JIS 10K、20K、ANSI 150LB、300LB、DIN PN16
閥蓋型式：標準型、散熱片型、加長型、伸縮蓋型
法蘭端蓋至端面：ISO5752
控制洩漏分類依據：FCI 70-2-2003/ANSI B16.104

Type: Single Seated Globe Valve
Body Size: 1/2"~6"

Body Material: Cast Iron (FC250), Carbon Steel (WCB), Stainless Steel (CF8, CF8M)
End Connection: Flanged End (FF, RF)
Pressure Rating: JIS 10K, 20K, ANSI 150LB, 300LB, DIN PN16
Bonnet: Standard, Radiator Fin, Extension, Bellows Seal
Face to Face: ISO5752
Leakage Class by: FCI 70-2-2003/ANSI B16.104



氣缸式控制閥

Cylinder Actuated Control Valve

閥體類型：單座球型閥
閥體尺寸：1/2"~6"
連接方式：法蘭 (FF, RF)
閥體材質：鑄鐵、鑄鋼、不鏽鋼
法蘭接續規格：JIS 10K、ANSI 150LB、300LB、DIN PN16
閥蓋型式：標準型、加長型、伸縮蓋型
驅動型：單動 (1/2"~4")、雙動 (5"~6")

Type: Single Seated Globe Valve

Body Size: 1/2"~6"
Body Material: Cast Iron FC250, Carbon Steel (SCPH2)(WCB), Stainless Steel (SCS13A)(CF8), SCS14A(CF8M)
End Connection: Flanged End (FF, RF)
Pressure Rating: JIS 10K, ANSI 150LB, 300LB, DIN PN16
Bonnet: Standard, Extension, Bellows Seal
Actuator: Single Acting (1/2"~4"), Double Acting (5"~6")



Y型氣缸式控制閥

Cylinder Actuated Y-Type Control Valve

閥體類型：單座球型閥
閥體尺寸：1/2"~2 1/2"
連接方式：法蘭 (RF)、牙口、套焊接口
法蘭接續規格：JIS 10K、ANSI 150LB、DIN PN16
閥體材質：不鏽鋼

Type: Single Seated Globe Valve

Body Size: 1/2"~2 1/2"
Body Material: Stainless Steel (SCS14A)(CF8M)
End Connection: Flanged End (RF), Screwed End (PT/NPT), Welded End

Pressure Rating: JIS 10K, ANSI 150LB, DIN PN16



安全閥

Safety Valve

閥體類型：安全閥
閥體尺寸：1"~6"
連接方式：牙口、法蘭 (RF)
法蘭接續規格：JIS 10K、20K、ANSI 150LB、300LB
閥體材質：鑄鐵、鑄鋼、不鏽鋼

Type: Safety Valve

Body Size: 1"~6"
Connection: Screwed End W/ Flanged End
Pressure Rating: JIS 10K, 20K, ANSI 150LB, 300LB
Body Material: FC, WCB, CF8, CF8M



手動球塞閥

Manual Type Ball Valve

閥體類型：球塞閥
閥體尺寸：1/2"~12"
連接方式：法蘭 (RF, FF)、牙口
法蘭接續規格：ANSI 150LB、JIS 10K、DIN PN16
閥體材質：球墨鑄鐵、鑄鋼、不鏽鋼

Type: Ball Valve

Body Size: 1/2"~12"
End Connection: Flanged End (RF, FF), Screwed End
Pressure Rating: ANSI 150LB, JIS 10K, DIN PN16
Body Material: FCD, WCB, CF8, CF8M



手動蝶型閥

Manual Type Butterfly Valve

閥體類型：蝶型閥
閥體尺寸：2"~12"
連接方式：Wafer、法蘭 (FF, RF)
法蘭接續規格：ANSI 150LB、JIS 10K、DIN PN16
閥體材質：球墨鑄鐵、鑄鋼、不鏽鋼

Type: Butterfly Valve

Body Size: 2"~12"
End Connection: Wafer, Flanged (FF, RF)
Pressure Rating: ANSI 150LB, JIS 10K, DIN PN16
Body Material: FCD, WCB, CF8, CF8M



手動球型閥

Bellows Seal Globe Valve

閥體類型：球型閥
閥體尺寸：1/2"~8"
連接方式：法蘭 (FF, RF)
閥體材質：球墨鑄鐵、鑄鋼、不鏽鋼
法蘭接續規格：JIS 10K、ANSI 150LB、ANSI 300LB、DIN PN16

Type: Globe Valve

Body Size: 1/2"~8"
Body Material: FCD, WCB, CF8, CF8M
End Connection: Flanged End (FF, RF)
Pressure Rating: JIS 10K, ANSI 150LB, ANSI 300LB, DIN PN16



卻水器

Steam Trap

閥體類型：卻水器
閥體尺寸：1/2"~2"
連接方式：牙口、法蘭 (FF, RF)
本體材質：鑄鐵
法蘭接續規格：ANSI 150LB、JIS 10K、DIN PN16

Type: Steam Trap

Body Size: 1/2"~2"
Connection: Screwed End, Flanged (FF, RF)
Pressure Rating: ANSI 150LB, JIS 10K, DIN PN16
Body Material: FC



氣缸式球塞閥

Cylinder Type Ball Valve

閥體類型：球塞閥
閥體尺寸：1/2"~12"
連接方式：法蘭 (RF, FF)、牙口
法蘭接續規格：ANSI 150LB、JIS 10K、DIN PN16
閥體材質：球墨鑄鐵、鑄鋼、不鏽鋼
氣缸材質：鑄鐵 (雙動)、鋁合金 (單/雙動)

Type: Ball Valve

Body Size: 1/2"~12"
End Connection: Flanged End (RF, FF), Screwed End
Pressure Rating: ANSI 150LB, JIS 10K, DIN PN16
Body Material: FCD, WCB, CF8, CF8M
Cylinder Material: FC (Double Acting), Aluminum Alloy (Single Acting or Double Acting)



氣缸式蝶型閥

Cylinder Type Butterfly Valve

閥體類型：蝶型閥
閥體尺寸：2"~12"
連接方式：Wafer、法蘭 (FF, RF)
法蘭接續規格：ANSI 150LB、JIS 10K、DIN PN16
閥體材質：球墨鑄鐵、鑄鋼、不鏽鋼
氣缸材質：鑄鐵 (雙動)、鋁合金 (單/雙動)

Type: Butterfly Valve

Body Size: 2"~12"
End Connection: Wafer, Flanged (FF, RF)
Pressure Rating: ANSI 150LB, JIS 10K, DIN PN16
Body Material: FCD, WCB, CF8, CF8M
Cylinder Material: FC (Double Acting), Aluminum Alloy (Single Acting or Double Acting)





Your Trusted Partner

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Email: johannesoei@gmail.com

The Leading Runner Of Geared Motor

GGM
GUGJE GEARED MOTOR

AC Motor



GEARHEAD



Controller



DC Motor





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GGM





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HEATER ELEMENT



BAND HEATER



CASH IN HEATER



FINNED HEATER



INFRARA HEATER



SILICA QUARTZ HEATER



TYRE HEATER COIL



BOLT HEATER



CERAMIC BOBIN HEATER



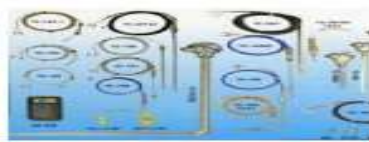
HOT PLATE HEATER



INFRARED CERAMIC HEATER



STRIP HEATER



THERMOCOUPLE SENSOR



CARTRIDGE HEATER



CHROMALOX HEATER



IMMERSION HEATER



MICA HEATER



TUBULAR HEATER



HEAT SHRINK - SELONGSONG





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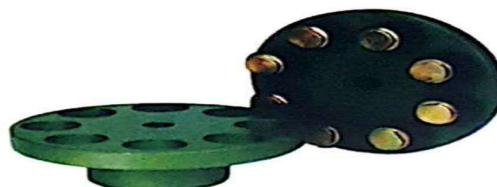
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HI-TECH
POWER TRANSMISSION

- FCL
- FCL Flexible Couplings

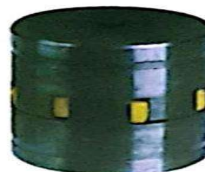


HI-TECH
POWER TRANSMISSION

- FL
- FL Jaw Flexible Couplings

Summary

1. Applicable to all types of machinery and hydraulics.
2. Small volume and large transmitted torque.
3. To be plugged in axially, easy assembly, maintenance-free.
4. Balancing axial, radial and angular misalignment.
5. Dimensions of bore available upon customer's request.
6. Applicable from -40°C to +100°C, temperature peaks up to 120°C.



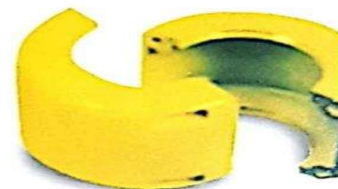
Coupling--NM

HI-TECH
POWER TRANSMISSION



HITECH
Japan High Technology

Chain Coupling





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OCM
ORIENTAL CHAIN MFG. CO., LTD.



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485 Miyunaguchi-machi, Hakusan-shi, Ishikawa-ken, Japan

Phone : +81-75-275-1156 Fax : +81-75-274-9030

E-mail : ocm@ocm.co.jp

<http://www.ocm.co.jp/english.html>

PRODUCTS



ROLLER CHAIN



**STAINLESS
ROLLER CHAIN**



PLASTIC CHAIN



HOLLOW PIN CHAIN



MINI PITCH CHAIN



CONVEYOR CHAIN



**DOUBLE PITCH
CONVEYOR CHAIN**



ATTACHMENT CHAIN



LEAF CHAIN



**EXTRA HEAVY DUTY
ROLLER CHAIN**



**CIRCULAR (CURVE/SIDE BOW)
CHAIN**



CABLE CHAIN



CHAIN COUPLING



SPROCKETS



**CHAIN FOR LOW
TEMPERATURE**



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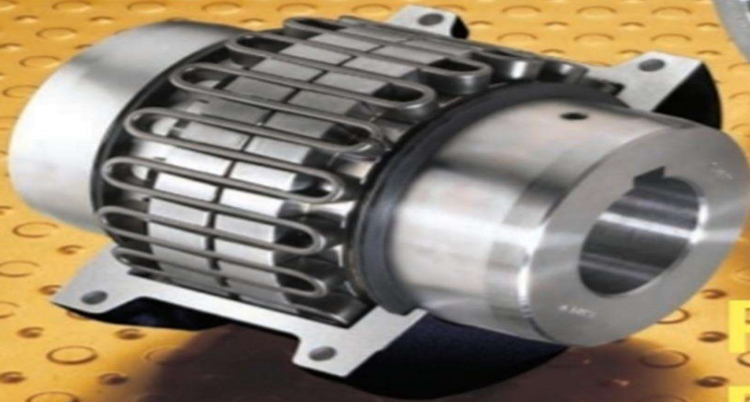
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FALK STEELFLEX GRID COUPLING



REXNORD PRODUCT

Steelflex HD Grid Couplings –
The preferred replacement for
gear couplings



**Rex Omega
Coupling Ready
Stock !!**





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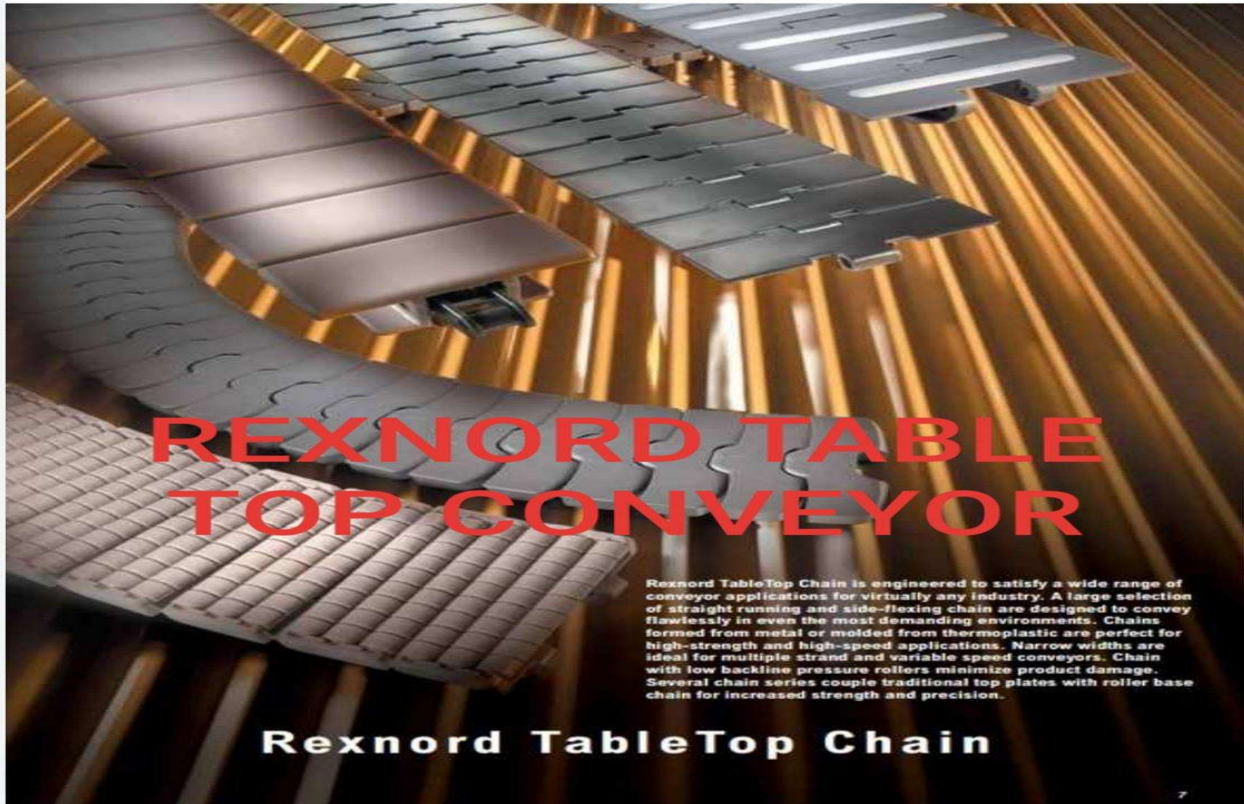
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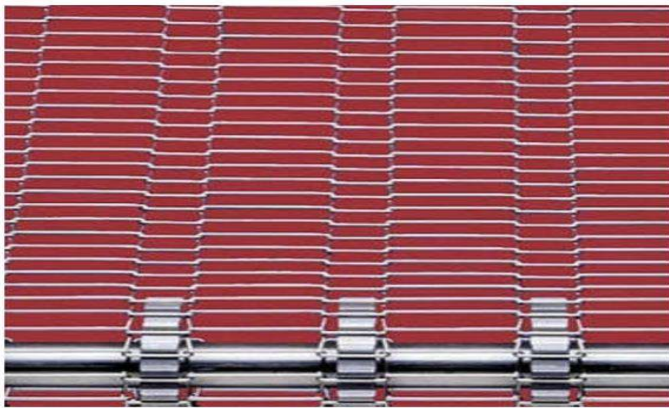
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REXNORD TABLE TOP CONVEYOR

Rexnord TableTop Chain is engineered to satisfy a wide range of conveyor applications for virtually any industry. A large selection of straight running and side-flexing chain are designed to convey flawlessly in even the most demanding environments. Chains formed from metal or molded from thermoplastic are perfect for high-strength and high-speed applications. Narrow widths are ideal for multiple strand and variable speed conveyors. Chain with low backline pressure rollers minimize product damage. Several chain series couple traditional top plates with roller base chain for increased strength and precision.

Rexnord TableTop Chain



Enrober Belt Conveyor





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CONVEYOR BELT



FLAT BELT



SERSAN BELT



CORRUGATED SIDE WALL

ELEMENT FILTER UNTUK PRE & AFTER FILTER:



PRE-FILTER TIPE FB



AFTER FILTER TIPE FE



AFTER FILTER TIPE FF



AFTER FILTER TIPE FG

**Pre & After Filter
Compress Air
Line**



TIPE: E-G 107 (pn: 9.4890.0)



TIPE: E-F 107 (pn: 9.4878.0)



TIPE: E-E 107 (pn: 9.4866.0)



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KAESER BS-61:



KAESER CSD-125:



KAESER ASD-37:



KAESER BSD-72 / BSD-81:



OEM Filter Kaeser
Screw
Compressor

OEM Filter Kaeser
Screw

Compressor



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Franklin Electric

SIEMENS



Marelli Motori

LEROY SOMER

TECO



CRE



RADAR



CIMM

evak

APP KENJI



EBARA

KSB

calpeda



STAIRS PUMPS



KOSHIN



KUN DEA

OBL



SAN SO



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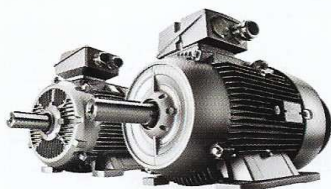
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MOTOR

SIEMENS



TYPE 1LE0 & 1LE1

AC Induction Motor

SPECIFICATION

CAST IRON SERIES			
EFFICIENCY CLASS	IE1		
SERIES	1LE0102		
NO. OF POLES	2	4	6
COOLING	Self-ventilated (IC 411)		
DEGREE OF PROTECTION	IP55		
INSULATION	Thermal class 155(F)		
UTILIZATION	Thermal class 130(B)		
FRAME SIZE	80 - 355		
RATED OUTPUT AT 50HZ	0.55 - 315 kW		
RATED TORQUE AT 50HZ	2.6 - 2412 Nm		

TECO



AESV1S & AESU1S

Induction Motor

SPECIFICATION

CAST IRON SERIES			
EFFICIENCY CLASS	IE1		
SERIES	AEEB & AEVB		
NO. OF POLES	2	4	6
COOLING	Self-ventilated (IC 411)		
DEGREE OF PROTECTION	IP55		
INSULATION	Thermal class 155(F)		
UTILIZATION	Thermal class 130(B)		
FRAME SIZE	80 - 355		
RATED OUTPUT AT 50HZ	0.55 - 315 kW		
RATED TORQUE AT 50HZ	2.6 - 2412 Nm		

LEROY SOMER



OPTIMITY

3-Phase Induction Motor

SPECIFICATION

CAST IRON SERIES			
EFFICIENCY CLASS	IE2		
SERIES	OPTA		
NO. OF POLES	2	4	6
COOLING	Self-ventilated (IC 411)		
DEGREE OF PROTECTION	IP55		
INSULATION	Thermal class 155(F)		
UTILIZATION	Thermal class 130(B)		
FRAME SIZE	80 - 355		
RATED OUTPUT AT 50HZ	0.37 - 355 kW		
RATED TORQUE AT 50HZ	2.6 - 2412 Nm		

MarelliMotori®



TYPE D5C & D6C

Motor for Hazardous Area

SPECIFICATION

TECHNICAL DATA					
EFFICIENCY CLASS	IE1			RATED OUTPUT AT 50HZ	0.55 - 315 kW
SERIES	D6C			RATED TORQUE AT 50HZ	2.6 - 2412 Nm
NO. OF POLES	2	4	6	PROTECTION	Ex D
COOLING	Self-ventilated (IC 411)			GROUP	II
DEGREE OF PROTECTION	IP55			CATEGORY	2G
INSULATION	Thermal class 155(F)			FRAME SIZE WHERE APPLICABLE	71 - 132
UTILIZATION	Thermal class 130(B)			GROUP	II B
FRAME SIZE	80 - 355			TEMPERATURE CLASS MAXIMUM SURFACES TEMPERATURE	T4

MILANO



VIBRATION MOTOR

SPECIFICATION

TECHNICAL DATA	
POWER	0.66 - 7.5kw
VIBRATION	30 - 10.000kg/cm²
SPEED	2P, 4P, 6P, 8P



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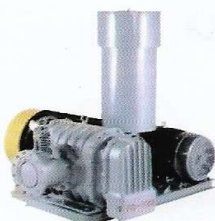
Tel. 0811-271-898 / WA: 081-666-0910

Email: johannesoei@gmail.com

BLOWER



Root Blower Without Accessories



With Accessories

TS-SERIES

SPECIFICATION

CAPACITY / Q	0.42 m ³ /min ~ 41.7 m ³ /min
PRESSURE	1000 mmAq ~ 6000 mmAq
DISCHARGE	2" ~ 8"
POWER	2HP ~ 75HP



Single & Double Vortex Ring Blower

HB-SERIES

SPECIFICATION

CAPACITY / Q	0.8 m ³ /min ~ 18.9 m ³ /min
PRESSURE	700 mmAq ~ 4000 mmAq
POWER	0.25 hp ~ 10 hp
VOLT	220V (1 phase) / 380V (3 phase)



ML A Series



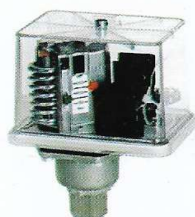
ML L Series

ML-SERIES

SPECIFICATION

CAPACITY / Q	40 ~ 100 l/min
PRESSURE	700 mmAq ~ 4000 mmAq
POWER	0.25 hp ~ 10 hp
VOLT	220V (1 phase) / 380V (3 phase)

TYPE	NORMAL PRESSURE	AIR FLOW	INPUT POWER
ML-40A	0.13 kgf/cm ² (1.85 PSI)	51/1.80	40
ML-60A	0.15 kgf/cm ² (2.13 PSI)	68/2.40	63
ML-80A	0.15 kgf/cm ² (2.13 PSI)	86/3.04	85
ML-100L	0.18 kgf/cm ² (2.56 PSI)	105/4.17	116
ML-120L	0.20 kgf/cm ² (2.85 PSI)	121/4.67	126
ML-150L	0.20 kgf/cm ² (2.85 PSI)	150	160



FF4-SERIES

TIVAL Control Pressure Switch
4-32 Bar.



DPC-10

Digital Pressure Controller
Working Pressure: 10 bar



DPT-1900

Digital Pressure Transmitter
Working Pressure: 10 bar



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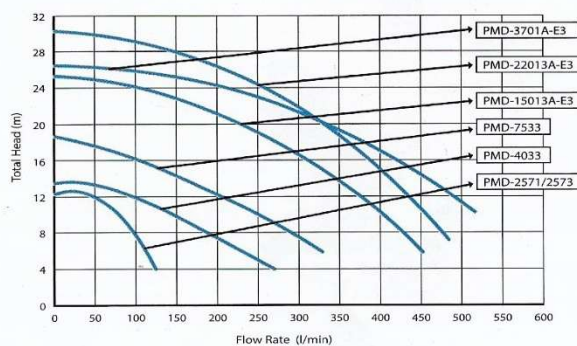
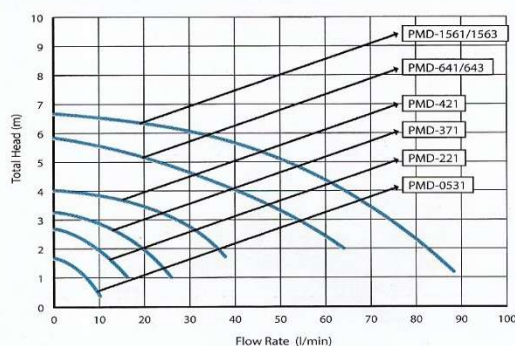


MAGNET PUMP

PMD SERIES

For Chemical and Sea Water Pump

PERFORMANCE CURVE (50HZ)



PART NAME AND MATERIAL

Casing : PP (with glass)
Impeller : PP (with glass)
Pump Shaft : Alumina Ceramics

Thrust Block : Alumina Ceramics
Pump Bearing : PTFE
O-Ring : FKM



CHEMICAL PUMP

TYPE KJ & KJF Material PVDF

SPECIFICATION

TYPE	INLET X OUTLET DIAMETER (M/M)	POWER (50Hz)			(M)	L / min	WEIGHT (KG)
		PHASE	POLE	HP			
KJ/KJF-4005	40x40	3φ	4	0.5	7	180	21
KJ/KJF-4012	40x40	3φ	2	1	12	200	26
KJ/KJF-4022	40x40	3φ	2	2	18	360	34
KJ/KJF-5032	50x50	3φ	2	3	21	440	42
KJ/KJF-5052	50x50	3φ	2	5	26	600	69
KJ/KJF-7552	75x75	3φ	2	5	26	680	71

TYPE KJL & KJLF Material FRPP

SPECIFICATION

TYPE	CURVE NO.	INLET X OUTLET DIAMETER (M/M)	POWER		50Hz		WEIGHT (KG)
			PHASE	HP	TOTAL HEAD (M)	MAX. CAPACITY (l/min)	
KJL/KJLF-4012	A	40x40	3φ	1	9	170	65
KJL/KJLF-4022	B	40x40	3φ	2	18	320	73
KJL/KJLF-5032	C	50x50	3φ	3	21	420	81
KJL/KJLF-5052	D	50x50	3φ	5	25	450	95
KJL/KJLF-7552	E	80x80	3φ	5	25	680	100
KJL/KJLF-7572	F	80x80	3φ	7.5	27	730	116
KJL/KJLF-75102	G	80x80	3φ	10	30	800	122





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CHEMICAL PUMP

TYPE M

Mechanical Diaphragms Metering Pumps



TYPE R

Plunger Metering Pumps



SPECIFICATION

Ø DIAPH. / STROKE	50Hz			MAX PRESS. (bar)	POWER (kW)	PIPE Ø
	TYPE	STROKES / 1	MAX FLOW RATE L/H	3ph		
2 94	M 7	25	7	12	0.25	3/8"
	M 11	36	11			
	M 16	50	16			
	M 23	70	23			
4 108	M 31	95	31	10		1/2"
	M 37	115	37			
	M 50	155	50			
	M 35	36	35	10		1/2"
	M 49	50	49			
	M 75	70	75			
	M 101	95	101			
	M 120	115	120	10		1/2"
	M 155	155	155			
6 138	M 102	36	100	8	0.37	3/4"
	M 131	50	132			
	M 201	70	197	7		
	M 261	95	260			
	M 321	115	320	6		
	M 421	155	420			
6 165	M 150	36	150	5	1"	
	M 190	50	200			
	M 301	70	300			
	M 431	95	435			
	M 521	115	520			

SPECIFICATION

TYPE	50Hz		PUMPHEAD WITH GLAND NUT						MOTOR (kW)				
	STROKES / I	MAXFLOW RATE/L/H	MAX PRESS. (bar)			CONNECTIONS							
			A	A-T/L	P	A/A-T/L	P	A/A-T/L		P	3ph		
R 6	25	7		/	40	10	1/4" BSP f	1/4" BSP DIRECT CONNECT (NO GLAND NUT)					
	36	11											
	50	16											
	70	23											
R 10	36	2		10	40	10							
	50	3											
	70	4		10	40	10							
	95	5.5	10	40	10								
	115	7											
R 16	36	5											
	50	7											
	70	11	10	40	10								
	95	15											
	115	18											
R 25	36	15			40		3/8" BSP f		DN 15 - 1/2" ANSI	0.25 KW NOT L			
	50	20	10	40	10								
	70	30		40	35								
	95	38		35	30								
	115	45											
R 30	36	20			40		3/8" BSP f		DN 15 - 1/2" ANSI				
	50	30		40	40	10							
	70	40	10	40	35								
	95	55		26	22								
	115	65											
R 43	36	40			12								
	50	55		10	12	10							
	70	90	10	12	12								
	95	115		12	/								
	115	150											
R 50	36	58	10		10		1/2" BSP f						
	50	80	10		10	10							
	70	120	10	/	10	12							
	95	160	9		9	9							
	115	200	8		8								
R 62	36	90	10		10		1/2" BSP f		DN 20 - 3/4" ANSI	0.37 KW			
	50	125	10		10	10							
	70	175	8	/	8	8							
	95	250	6		6	6							
	115	300	5		5								



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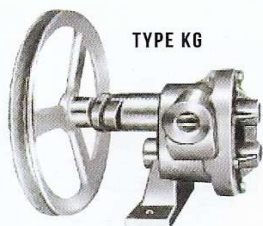
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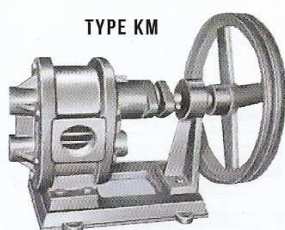


KUN DEA

GEAR PUMP



TYPE KG



TYPE KM

TYPE KG & KM Gear Type Rotary Pump Stainless Steel

SPECIFICATION

TYPE	PIPE DIAMETER	HP	RPM	CAPACITY	PRESSURE (bar)	MATERIAL
KG-1	0.5"	0.5	450	14	3	SS304
KG-2	0.75"	0.5-1	430	35	4	
KG-3	1"	1-2	430	48	4	
KG-4	1.25"	1-3	430	56	4	
KM-5	1.5"	2-5	430	95	4	
KM-6	2"	3-5	430	150	4	
KM-7	2.5"	5-7.5	360	200	4	
KM-8	3"	10	350	260	4	
KM-9	4"	15-30	350	500	4	



GB-GC SERIES Simple, Compact and Light Gear Pump

SPECIFICATION

TYPE	GEAR MATERIAL	CONNECTION DIAMETER	DELIVERY VOLUME			DELIVERY PRESSURE	SHIPONING FACTOR	POWER	PULLEY	WEIGHT (KG)
			200RPM	400RPM	600RPM					
GC-13	Cast Iron	13m/m(1.5")	10 l/min	21 l/min	32 l/min	1~3 kgf/cm ²	4m / 10Ft	200W	125xA1	5kg
GB-13	Brass									
GC-20	Cast Iron	20m/m(1.75")	18 l/min	37 l/min	56 l/min			400W	150xA1	6kg
GB-20	Brass									
GC-25	Cast Iron	25m/m(1")	27 l/min	55 l/min	83 l/min			750W	200xA1	10kg
GB-25	Brass									



GL SERIES High Lifting Capacity and Simple Mechanism Pump

SPECIFICATION

TYPE	MATERIAL	CONNECTION DIAMETER	MAXIMUM PRESSURE	DELIVERY VOLUME	POWER (HP)	SPEED	PUMP SHAFT DIAMETER
				50Hz (1450RPM)			
GL-13-5	Cast Iron	PS13m/m (0.5")	0.5MPa	17 l/min	0.5	4 P	ø18m/m
GL-13-10	Brass		1MPa	4.5 U.S.G/min	1		
GL-20-5	Cast Iron	PS20m/m (0.75")	0.5MPa	29 l/min	1		
GL-20-10	Brass		1MPa	7.7 U.S.G/min	2		
GL-25-5	Cast Iron	PS25m/m (1")	0.5MPa	46 l/min	2		
GL-25-10	Brass		1MPa	12.1 U.S.G/min	3		
GL-32-5	Cast Iron	PS32m/m (1.25")	0.5MPa	71 l/min	3	6 P	ø22m/m
GL-32-10	Brass		1MPa	18.7 U.S.G/min	5		
GL-40-5	Cast Iron	PS40m/m (1.5")	0.5MPa	100 l/min	3		
GL-40-10	Brass		1MPa	26.4 U.S.G/min (960rpm)	7.5		
GL-50-5	Cast Iron	PS50m/m (2")	0.5MPa	165 l/min	5.5		
GL-50-10	Brass		1MPa	43.6 U.S.G/min (940rpm)	10		



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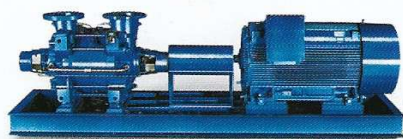
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Email: johannesoei@gmail.com



PUMP

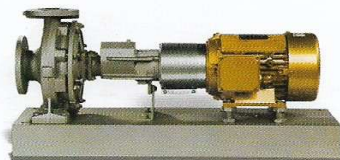


TYPE MULTITEC

Horizontal Multi Stage Pump

SPECIFICATION

OPERATING DATA	
Q / Capacity	Up to 936 m ³ /h, (15,600 l/min)
Head	Up to 400 m
DN / Size	50 to 250
Operating Pressure	Up to 40 bar
Temperature	Up to +40°C
MATERIALS	
Volute Casing	High-quality cast iron JL1040
Shaft	Chrome steel 1.4057.05
Impeller	Tin bronze CC480K-GS
Impeller mounting parts	Chrome nickel steel 1.4571.07/A4-50/1.431
Casing Wear Rings	Leaded bronze CC495K-GS
Shaft protection sleeve	Chrome Steel 1.4122



TYPE ETANORM SYT

End Suction Centrifugal Pump

SPECIFICATION

OPERATING DATA	THERMAL OIL	HOT WATER
Q / Capacity	Up to 1900 m³/h, 528 l/s	
Head	Up to 102 m	
Temperature	-30°C to +350°C	up to +180°C
Pressure	Up to 16 bar	
MATERIALS		
Volute Casing	Nodular cast iron JS1025	
Discharge Cover	Nodular cast iron JS1030	
Shaft	Chrome steel 1.4021.05 HRC 55/1.4057	
Impeller	Grey cast iron JL1040	
Wear Rings	Grey cast iron GG	
Bearing Bracket	Nodular cast iron JS1030	



TYPE ETANORM ETN

Standardised Water Pumps

SPECIFICATION

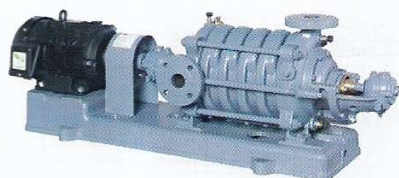
OPERATING DATA	
Q / Capacity	Up to 640 m ³ /h (50 Hz)
Head	Up to 160 m (50 Hz)
Pressure	Up to 16 bar
Temperature	-30°C to +140°C
MATERIAL VARIANTS	
Grey cast iron EN-GJL-250 / A 48 CL 358	
Nodular cast iron EN-GJS-400-15/AS36 GR 60-40-18	
Stainless steel 1.4408 / A743 Gr CF8 M	
Bronze CC480K-GS/B30 C90700	



PUMP

TYPE MS Multistage Pump

SPECIFICATION (1500 RPM)



MS PUMP		FLANGE	
Liquid	Fresh Water 0-80°C	Suction Side	JIS 10K thin type
Total Suction Head	-6m at 20°C, max. capacity of selection chart	Discharge Side	[Balancing disk type] JIS10K thin type or JIS10K normal type [Ball bearing type] JIS 10K thin type
Max. Suction Pressure	0.4MPa {4kgf/cm ² }	MATERIALS	
CONSTRUCTION		Casing	Cast Iron
Impeller	Enclosed	Impeller	304 Stainless steel: 40MS, 50MS Bronze: 65MS to 150MS
Shaft Seal	Gland Packing	Shaft	Carbon Steel
Bearing	[Balancing disk type] Sleeve bearing (Lubricant oil) [Ball bearing type] Sealed ball bearing	Shaft Sleeve	Bronze
		Motor	Three phase, 4 pole, 1.5 to 55kw



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GEAR PUMP

TYPE GPE & GPF Ebara Gear Pump



SPECIFICATION

	TYPE	POLE	POWER (kW)	Q (L/min)	MAX. DISCHARGE PRESSURE
12	12GPE	4	0.2	6	3 bar
15	15GPE	4	0.4	10	3 bar
12	12GPF	4	0.2	24.7	4 bar
12	12GPF	4	0.4	23.5	10 bar
15	15GPF	4	0.4	34	4 bar
15	15GPF	4	0.75	41.8	10 bar
20	20GPF	4	0.75	41.8	4 bar
20	20GPF	4	1.5	51	10 bar

	TYPE	POLE	POWER (kW)	Q (L/min)	MAX. DISCHARGE PRESSURE
20	20GPE	4	0.4	20	3 bar
25	25GPE	4	0.75	40	3 bar
25	25GPF	4	1.5	54	6 bar
25	25GPF	4	2.2	54	10 bar
32	32GPF	4	2.2	34	4 bar
32	32GPF	4	3.7	75	10 bar
40	40GPF	4	2.2	105	6 bar
40	40GPF	4	3.7	105	10 bar

GLAND PACKING TYPE

ITEMS		GPE
Liquid Handled	Liquid Type	A.B.C. Heavy Oil, Turbine Oil
	Temperature	0-70°C
	Viscosity	7-500mm ² /s (cSt)
Suction Head		-0.03MPa (-0.3kgf/cm ²)
Max. Suction Pressure		0.1MPa (1kgf/cm ²)
Max. Discharge Pressure		0.3MPa
Construction	Seal Bearing	Gland Packing Needle Type Roller Bearing
Connection		Screw Type
Material	Casing	Cast Iron (FC200)
	Gear	Carbon Steel (S45C)
	Shaft	Carbon Steel (S45C)
Standard Accessories		Safety Valve (installed in pump)
		Common Base
		Coupling
		Coupling Guard

MECHANICAL SEAL TYPE

ITEMS		GPF
Liquid Handled	Liquid Type	A.B.C. Heavy Oil, Turbine Oil
	Temperature	0-80°C
	Viscosity	5-500mm ² /s (cSt)
Suction Head		-0.05MPa (-0.5kgf/cm ²)
Max. Suction Pressure		0.1MPa (1kgf/cm ²)
Max. Discharge Pressure		1.0MPa
Construction	Seal Bearing	Mechanical Seal Needle Type Roller Bearing
Connection		Screw Type
Material	Casing	Cast Iron (FC200)
	Gear	Carbon Steel (S45C)
	Shaft	Carbon Steel (S45C)
Standard Accessories		Safety Valve (installed in pump)
		Common Base
		Coupling
		Coupling Guard

ACCESSORIES



FOOT VALVE

50 m/m - 400 m/m



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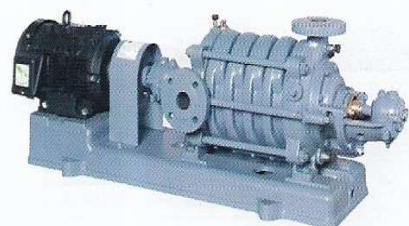
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PUMP

TYPE MS Multistage Pump



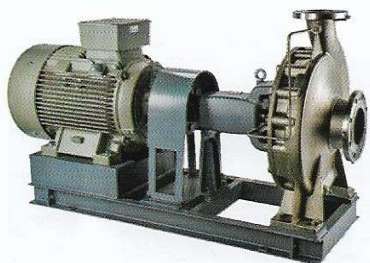
SPECIFICATION (1500 RPM)

MS PUMP		FLANGE	
Liquid	Fresh Water 0-80°C	Suction Side	JIS 10K thin type
Total Suction Head	-6m at 20°C, max. capacity of selection chart	Discharge Side	[Balancing disk type] JIS10K thin type or JIS10K normal type [Ball bearing type] JIS 10K thin type
Max. Suction Pressure	0.4MPa (4kgf/cm ²)	MATERIALS	
CONSTRUCTION		Casing	Cast Iron
Impeller	Enclosed	Impeller	304 Stainless steel: 40MS, 50MS Bronze: 65MS to 150MS
Shaft Seal	Gland Packing	Shaft	Carbon Steel
Bearing	[Balancing disk type] Sleeve bearing (Lubricant oil) [Ball bearing type] Sealed ball bearing	Shaft Sleeve	Bronze
		Motor	Three phase, 4 pole, 1.5 to 55kw



PUMP

TYPE FSSC End Suction Volute Pump



SPECIFICATION

TYPE		STANDARD	
Liquid Handled	Name	Clean water	Clean water, oil, chemical liquid
	Temperature	-10°C ~ +105°C	
Max. Working Pressure		10 bar	16 bar
Construction	Casing	Base install	
	Impeller	Enclosed	
	Shaft Seal	Mechanical Seal (Balanced)	
	Sealing	Water series: self flushing (-10°C ~ 80°C), External flushing (80°C ~ 105°C) Oil series: self flushing (-10°C ~ 100°C), External flushing (100°C ~ 105°C)	
Bearing Type & Lubrication		Sealed deep groove ball bearings (grease lubrication)	
Flange		JIS 10K RF	JIS 16K RF
Material	Casing	SCS13	
	Impeller	SCS13	
	Shaft	SUS316	
	Mechanical Seal	SIC/C/FPM	



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WE ARE JAPAN AIR FILTER DEALER

SUPPORTED DIRECTLY BY JAF HEADQUARTER

PROVIDED ALL CLEAN ROOM FILTER FOR HOSPITAL – PHARMACEUTICAL – FOOD & BEVERAGES AND OTHERS INDUSTRY WHO NEED CLEAN ROOM CLASSIFICATION





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WE PROVIDE BAG FILTER & OTHERS CUSTOM INDUSTRIAL FILTER

SPESIFIKASI BAHAN BAG FILTER

Product Code	Unit	HT 1500 TSP	AP-500	HT 1500 TSPWR	855-1/01
Material		Coated Polyester	100% Polyester	100% Polyester	100% Nomex
Weight	g/sq.m	500	500	500	500
Thickness	mm	1.7	2.0	2.0	2.5
Breaking Strength	kg/5 cm	140	X 175; Y 215	MD: 120; CD: 150	-
Bursting Strength	kg/sq.cm	40	-	50	-
Air Permeability	cc/sq.cm/sec	30	20-25	15	23.33
Operation Temperature	°C	130	130	130	240

Beberapa foto product Bag Filter :

Buka 1 sisi tanpa tali pengikat



Buka 1 sisi, tali pengikat di 2 ujungnya



Buka 2 sisi, tali pengikat di 2 ujung



CONTOH AERZEN SUCTION FILTER



HASIL PEMBUATAN AERZEN SUCTION FILTER





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FILTER NIVAC DUST COLLECTOR





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CEILING DIFFUSERS, AIR GRILLE & OTHERS ACCESSORIES

Ceiling diffusers are very common device in heating, ventilating and air conditioning systems to deliver both conditioning and ventilating air, also distribute the of air evenly in the desired directions. Diffusers is manufactured with aluminum profile and can be as a shape of round or square/rectangle.



Every diffuser is equipped with zinc-plate volume control damper, where the damper is adjusted by a lever. An opposed blade damper is used in square volume and round volume damper is used in round diffuser. Plenum boxes can be provided, if it is required.



The diffusers are manufactured by size requested custom made. The collar diameter depends on the flexible ducting that connected to the collar, generally it can be 6" , 8" , 10" and 12" .



Linier Slot



Louvre



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HYDRAULIC PART DARI BERBAGAI MERK

VICKERS

HYDAC



GOLAER

NACOL
ACCUMULATOR

Commercial
Hydraulics

Parker

TOKYO KEIKI

TOKIMEC

Rexroth

Char-Lynn®

EATON





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COMPLETE TRANSMISSION SOLUTION

PREMIUM EFFICIENCY

IE1 - IE2 - IE3



Three-Phase Induction Motor

0.18kW ~ 400kW



Single-Phase Induction Motor



Brake Motor



Explosion Proof Motor
(Sertifikat ATEX)



High Temperature Resistant
Motor (Class H)



Force Cooling Fan



Electric Vibrator Motor



Inverter Duty Motor



Safety Brake
Torque **5 ~ 1000Nm**



Miter Bevel Gearbox
Ratio **1:1 - 1:2 - 2:1**



Clutch and Brake



Brake Rectifier



Variable Speed Pulley
Optional : Couple dengan Motor dan Gearbox



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K Series

- Tersedia single dan double reduction
- Ratio 1: 5 ~ 1: 18370
- Power 0.25HP ~ 60HP
- Cast iron housing
- Helical dan bevel gear dibuat dengan 20CrMo alloy steel plus carbonized heat treatment

COUPLE WITH MOTOR



KHF with Motor —
Hollow-Bore Output
Foot Mounting



KNF with Motor —
Solid Shaft Output with Flange



KSF with Motor —
Solid Shaft Output
Foot Mounting



KAF —
Hollow-Bore Output
Hollow-Bore Input with Flange



KSF —
Solid Shaft Output
Hollow-Bore Input with Flange
Foot Mounting



KMF —
Hollow-Bore Output with Flange
Hollow-Bore Input with Flange



KNF —
Solid Shaft Output with Flange
Hollow-Bore Input with Flange



KAS —
Hollow-Bore Output
Solid Shaft Input



KSS —
Solid Shaft Output
Solid Shaft Input
Foot Mounting



KMS —
Hollow-Bore Output with Flange
Solid Shaft Input



KNS —
Solid Shaft Output with Flange
Solid Shaft Input

HELICAL BEVEL GEAR REDUCER



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COMPACT HELICAL GEAR MOTOR

G Series

- Lightweight aluminium alloy housing
- Ratio 1:3 ~ 1:1800
- Power 1/8HP ~ 5HP



LH
Compact Horizontal
Gearmotor



LV
Compact Vertical
Gearmotor



J220
CARTON SEALER GEARMOTOR

INDUSTRIAL PARALLEL SHAFT & RIGHT ANGLE GEARBOX



H-Type
Parallel Shaft Helical Industrial Gear Unit



B-Type
Right-Angle Bevel Helical Industrial Gear Unit

H/B Series

Gearbox untuk aplikasi dengan kebutuhan torsi yang tinggi



MCS 5374
Digester Drive



PSS 250
Digester Drive



MSS 628
Screw Press Drive

M Series

Gear yang didesain secara optimal untuk berbagai aplikasi, khususnya industri kelapa sawit

SREW JACK WORM GEAR REDUCER

J Series

- Banyak diaplikasikan di berbagai industri, seperti machinery, metalurgi, arsitektur, irigasi, solar power, etc
- Dapat dioperasikan secara manual maupun dengan motor
- Ratio 1:5 ~ 1:40
- Power 0.25HP ~ 3HP



JHM
Motor Flange Input



JHS-C
Double Input Shaft



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CYCLOIDAL SPEED REDUCER

FOOT MOUNTING



THHX
Hollow-Bore Input with Flange



THH
Solid Shaft Input



THHX with Motor
Coupled with Motor

FLANGE MOUNTING



TDVX
Hollow-Bore Input with Flange



TDV
Solid Shaft Input



TDVX with Motor
Coupled with Motor

Overload Protection

Desain gigi cycloidal TRANSCYKO memungkinkan kontak gigi hingga **67%** sehingga beban terbagi merata ke semua gigi dan memberikan perlindungan overload hingga **500%**

High Efficiency

Berbeda dengan desain gear konvensional, cycloidal reducer menggunakan eccentric bearing, cycloidal disc, ring gear pin dan ring gear rollers yang mampu menghilangkan gesekan dan getaran yang sering muncul pada sistem gear konvensional

SPAREPARTS



Cycloidal Disc



Eccentric Bearing



Ring Gear Kit

● CYCLOIDAL DERIVATIVES



TBX-P
Cycloidal + Parallel Helical Gear Reducer



TBX-R
Cycloidal + Right Angle Bevel Gear Reducer



TZS
Cyclo Centrifuge Drives



RGV
Speed Reducer for **RAIL GUIDED VEHICLE**
- Travel Motor
- Automated Guided Vehicle (AGV)
- Automated Warehouse



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TRANSDISCO VARIABLE SPEED DRIVE

Speed reducer dengan regulator untuk
mengatur kecepatan output



**Horizontal Type
with Motor**



**Horizontal Type
with Gearbox**



Double Solid Shaft



**Vertical Type with
TRANSCYKO Reducer**

INDUSTRIAL PARALLEL SHAFT & RIGHT ANGLE GEARBOX

Gearbox yang didesain secara optimal untuk
memenuhi kebutuhan beban yang berat



TSG-P
Parallel Shaft Helical Gearbox



TSG-R
Right Angle Helical Bevel Gearbox

PLANETARY GEARBOX

Planetary gearbox memiliki efisiensi yang tinggi serta mampu
memberikan torsi output yang tinggi karena kemampuannya
membagi beban ke semua gigi secara merata



TPH...
Horizontal / Foot Mounted Type with Various
Input and Output Configurations



TPV...
Vertical / Flange Mounted Type with Various
Input and Output Configurations



TPC
CONCRETE MIXTURE DRIVE
Bevel + Planetary Gear Reducer



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SPECIAL PURPOSE GEARBOX



TIN - Series



KIN - Series

● **PLASTIC INJECTION MACHINE DRIVE**

- Heat exchanger plate tube
- Flange input dengan desain khusus untuk servomotor
- Hollow spline shaft yang memudahkan dalam proses pemasangan

● **EXTRUDER MACHINE DRIVE**

- Shunt type lubrication
- Tersedia single dan double screw drive
- Tersedia 2-stage reducer dan 3-stage reducer, dengan pilihan rasio dari 6.3 ~ 100



Twin Screw Extruder Gearbox



TEX - Series



● **Banbury Mixer**

- Double output shaft gearbox
- Digunakan untuk industri berat, seperti industri pengolahan karet



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Fuji Electric



Innovating Energy Technology



Motor Control > LV Distribution > Control > Variable Speed Drive

- Magnetic Contactor
- Overload Thermal Relay
- Manual Motor Starter
- Enclosed Motor Starter

- MCB
- MCCB
- ELCB
- ACB
- Fuse

- Command Switch AR/DY
- Command Switch AY/DY
- Command Switch AH164/165
- Industrial, Time Delay Relay
- Limit Switch, Industrial Control Relay

- Frenic Mini
- Frenic Ace
- Frenic Mega
- Frenic AQUA
- Frenic HVAC

SIEMENS



Protection, Switching, Measuring and Monitoring Devices

- ACB, MCCB, MCB, Fuse System
- Residual Current Protective Device
- Overload Protection, Switching Device
- Power Supply, Busbar System, Software

Switchboards and Distribution Systems

- Switch Boards
- Busbar Trunking System
- System Cubicles
- Power Distribution Boards



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PRODUCTS

- Pilot Lamp
- Push Button
- Indicator Lamp
- Relay
- Power Inverter
- Control Switch
- Thermostat
- Motor Starter
- Auto/Multi Transformer
- Power Supply
- Panel Meter
- Kwh Meter
- Rotary Switch
- Temperature Control
- Timer
- Limit Switch
- etc.



Your trusted partner in automation

Omron Automation is an industrial automation partner that creates, sells and services complete automation solutions that include sensing, control, safety, vision, motion, robotics and more.



Omron's engineers are dedicated to providing flexible and highly customizable solutions that can solve unique needs in a variety of industries, including food and beverage, automotive, life sciences, semiconductor and electronics manufacturing. We can help you develop solutions to address needs ranging from high performance machines to plant wide traceability and advanced manufacturing.



PRODUCTS

- Sensors
- Switches
- Safety Components
- Relays
- Control Components
- Automation System
- Motion/Drivers
- Power Supply
- etc.



PRODUCTS

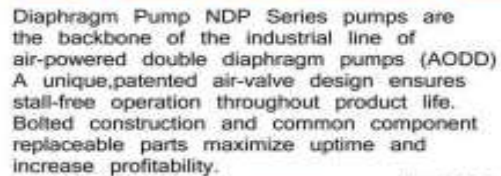
- Low Voltage Circuit Breaker
- Contactors
- Motor Starters
- Power Management Meters
- AC Servos - MELSERVO
- Inverter - FREQROL
- Motion/Drivers
- Programmable Controllers
- etc.



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[illegible]**DOSATRON®**



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POMPA DIAFRAGMA GANDA



NAGARA

Air Operated Double Diaphragm Pump



Pompa Diafragma NAGARA dapat digunakan di berbagai bidang industri dengan beragam pengaplikasian seperti proses pembuatan keramik, proses pelapisan, pemindahan bahan kimia & minyak serta pembuatan kertas, dan lain sebagainya.

KEUNGGULAN DARI POMPA DIAFRAGMA

- Dapat memompa berbagai cairan.
- Pengoperasian awal yang mudah, tanpa priming.
- Tidak ada busa atau gesekan pada produk yang dipompa.
- Tidak ada penurunan efisiensi pemompaan seiring berjalannya waktu, penggantian diafragma akan mengembalikan pompa ke efisiensi semula.
- Tidak ada kerusakan karena pengoperasian tanpa pelumasan.
- Dapat menangani partikel padat.
- Minim kerusakan saat terhenti mendadak atau kelebihan beban.
- Tahan ledakan, Bersertifikat Atex*.
- Tidak ada seal mekanis yang perlu diganti.
- Aliran cairan yang variabel.
- Cocok untuk aplikasi pompa dengan posisi tetap dan portabel.

OPSI MODEL	
UKURAN	MATERIAL BADAN
1/2"	ALUMINIUM
1"	POLYPROPYLENE
1-1/2"	STAINLESS STEEL
2"	CARBON STEEL
3"	
MATERIAL DIAFRAGMA	
NITRILE	SANTOPRENE
TEFLON (PTFE)	HYTREL
NEOPRENE	VITON

*hubungi kami untuk opsi lainnya





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Top 100
Global
Innovator
for 10 years

General AC Drive **G100 / G100C**

3Phase 200V-240V 0.4kW-22kW (1/2-30HP)
3Phase 380V-480V 0.4kW-22kW (1/2-30HP)

3Phase 200V-240V 0.4kW-4.0kW (1/2-5HP)
3Phase 380V-480V 0.4kW-4.0kW (1/2-5HP)



LS ELECTRIC



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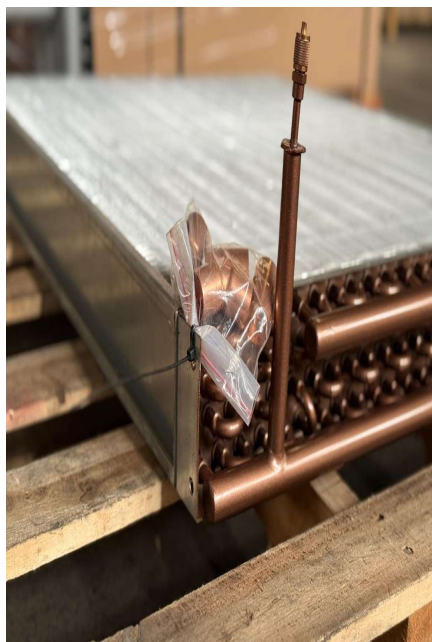
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CONDENSER REPLACEMENT WORK – HAS BEEN CARRIED OUT RECENTLY:



CUSTOM CONDENSER FOR KAESER AIR DRYER TYPE TE 91 – COMPRESSOR CAPACITY 2 HP



CUSTOM CONDENSER FOR HYDRAULIC OIL COOLER – COMPRESSOR CAPACITY 10 HP



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AHU & STEAM COIL





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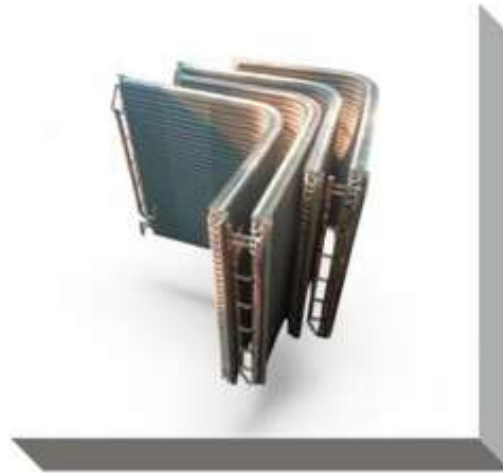
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COIL CONDESER





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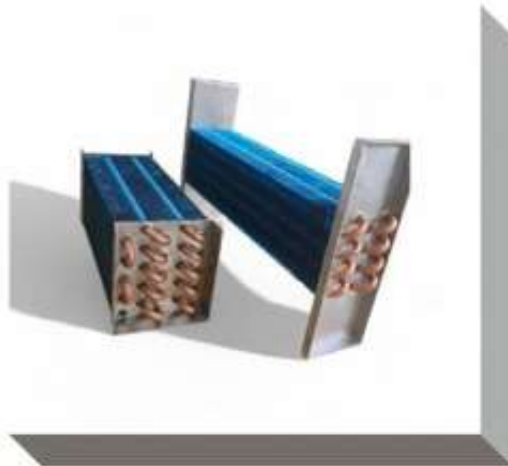
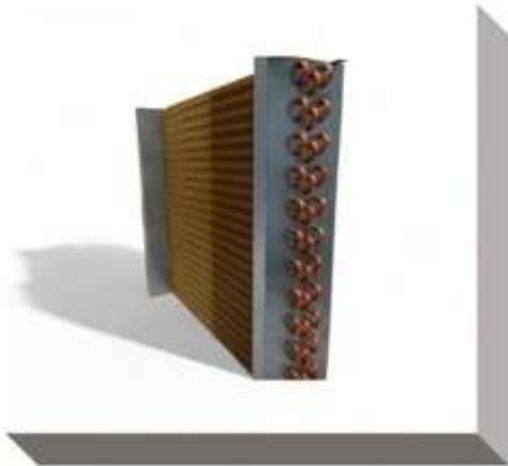
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COIL EVAPORATOR





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SHM SEWAGE / WASTE WATER FLOWMETER USER CERTIFICATE PROVIDE UPON REQUEST

