



PT. ALAM PELITA TRISAKTI

Palm Oil Mill Contractor - Product & Spares Supplier

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SEW
EURODRIVE



KN KEWPUMP®



Chain technology at the highest level



KettenWulf

Authorized Agent



Illustration 1:
Chain bushing with
high case hardening
depth for optimum
inner and outer
wear surface



Illustration 2:
The induction hardened
and wear resistant
surfaces of the pins
offer a long lifetime



Illustration 3:
KettenWulf
round riveting
in crosssection



Illustration 4:
An anti-twisting flat on
both pins and bushes
avoids the turning
of pins and bushes
in the links plates



Illustration 5:
KettenWulf outside
pin protection
pressed into every
3rd. outer link plate

specification

Type	Pitch	Pitch	Breaking Load	Thickness Inner Plate	Thickness Outer Plate	Roller Diameter	Height of plate	Pin Diameter	Inner Width	Attachments	Guidance Block	Weight Per Meter
	P			t ₁	t ₂	d ₁	h ₁	d ₂	b ₁			Kg
	mm	inch	lbf	mm	mm	mm	mm	mm	mm			
HWC 4" HOLLOW	101.6	4	20.000	5	4	47.6	40	19	19.05	without attachment	no	6.10
HWC 4" SOLID	101.6	4	22.000	5	4	47.6	40	19	19.05	without attachment	yes	6.75
HWC 4" SOLID EXTENDED PIN	101.6	4	22.000	5	4	47.6	40	19	19.05	every 4th or 6th link	yes	6.75
HWC 4" SOLID ATTACHMENT	101.6	4	22.000	5	4	47.6	40	19	19.05	A2 and K2	yes	6.75
HWC 6" HOLLOW	152.4	6	38.000	7	5	66.7	55	27	25.4	without attachment	no	10.50
HWC 6" SOLID EXTENDED PIN	152.4	6	42.000	7	5	66.7	55	27	25.4	every 4th or 6th link	yes	12.50
HWC 6" SOLID EXTENDED PIN	152.4	6	65.000	7	5	66.7	55	27	25.4	every 4th or 6th link	yes	12.50

4 & 6 inch hollow and solid pin

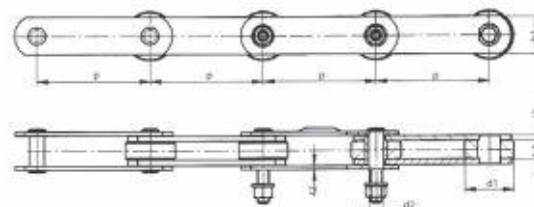
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Illustration 1:
6 inch solid pin



1



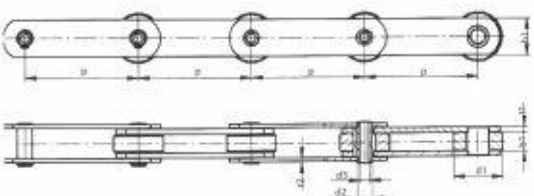
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Illustration 2:
6 inch hollow pin



2





KSSG2 Chemical Process Pump

Max. Capacity	: 500 m ³ /hr.	Flanges Dimension	: ISO2084-PN16/ANSI 150#
Max. Head	: 98 m	Mechanical Seal	: DIN 24960
Dimensions & Performance	: ISO 2858 / DIN 24256	Baseplate Dimension	: ISO 3661
Design & Construction	: ISO 5199		
Impeller	: Open, Semi-Open, Close, Vortex		
Material	: Wetted Part Fully Stainless Steel 316 (CF-8M), Other Material Upon Request		
Bearings	: Double Angular Contact and Roller Bearings - Oil Bath with Bull Eye		
Design Features	: Built in Back Plate Cooling/Heating Jacket (Optional Front Heating Chamber)		
Application	: Power Plant Demin Water & Waster Water Chemical Process Pulp & Paper General Industrial, Heavy Duty Process Pump.		

KSSGK - Jacketed Process Pump



KSSE3 Back Pull-Out End Suction Pump

Max. Capacity	: 245 m ³ /hr.	Max. Head	: 102m
Flanges Dimension	: ISO 2084-PN 16		
Impeller	: Open, Semi-Open, Close, Vortex		
Material	: SS304, SS316, CA15, CA-40-Martensite Gd SS Brillnel Hardness of 310. Others Material Upon Request		
Bearings	: Oil Bath with Bull Eye		
Feature	: Clearance Adjusting Screw Easy and Accurate Extend pump performance life.		
Application	: Palm Oil Mill, General Industry, Waste Water Containing Suspended Solids.		

KSSEP - Self Priming Pump



KS-SP Self Priming Pump

Max. Capacity	: 250 m ³ /hr.
Max. Head	: 50 m
Size	: 50mm - 150 mm
Flanges	: ISO 2084-PN16
Material	: Cast Iron, SS304, SS316
Application	: Negative Suction, Drainage & Irrigation, Emptying Cellars, Pit, Pond and etc.



KS-SR Centrifugal Pump

Max. Capacity	: 500 m ³ /hr.
Max. Head	: 98 m
Size	: 32mm - 200 mm
Design Std.	: Complies with ISO 2858
Flanges	: ISO 2084-PN16
Material	: Cast Iron, SS304, SS316
Bearings	: Oil Bath with Bull Eye
Application	: General Industries.



DP4 Diaphragm Pump

Type	: Free Floating Disc Diaphragm
Max. Capacity	: 6000 gal/hr
Max. Head	: 20 ft
Max. Suction Lift	: 22 ft
Chassis	: Fabricated Steel with 14" Tyre Wheels
Material	: Neoprene Diaphragm Aluminium Silicon Alloy Body
Driver Diesel	: Hand Start Air Cooled Yanmar Diesel L40
Electric	: 5.5 HP, TEFC with Speed Reducer 415V/3ph/50Hz



KS MF Mixed Flow Pump

Max. Capacity	: 900m ³ /hr
Max. Head	: 33m



OSP Oil Skimmer Pump

Capacity	: 5.5 m ³ /hr.
Head	: 12.2 m
Inlet/Outlet	: 15/40 mm
Material	: Aluminium Silicon Alloy, S. Steel
Application	: Skimming Floating Waste Oil
Standard Accessories	: 20ft Suction Hose & Floater
Power Unit	: Air-cooled 192cc 5HP Gasoline Engine or 2HP 3,00 RPM SQC TEFC Motor (1 -phase or 3 phase).



KDP Dosing Pump

Model	: Dos 301, 302
Max. Capacity	: Simplex-30L/Hr Duplex-60L/Hr
Max. Pressure	: 35kg/cm2
Max. Suction	: 3m for water
Material	: SS Casing, Piston shaft, Fitting, Valve ball, Viton + Teflon Packing Set
Application	: Suction-1/2" BST, Discharge-1/2" BSP



VSP Vertical Sump Pump

Max. Capacity	: 180 m ³ /hr.
Max. Head	: 42 m
Flange	: ISO 2084-PN 16
Impeller	: Non-Clogging built in Chopper Mechanism
Material	: Stainless Steel Wetted Parts.
Application	: Handling Polluted Water, Sediment, Sludge, Scale, Slurries in Various Fields.



KS TO Thermal Oil Pump

Max. Temp	: 350 deg. C
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Volute Casing Pumps ZLND 32 - 32 ... 300 - 500



TECHNICAL DATA

Flow:	max. 1800 m ³ /h
Head:	max. 140 m
Speed:	max. 3600 rpm
Material:	cast iron (OB, OC, OE) and stainless steel (4B)
Temperature:	max. 170 °C depending on the shaft sealing and material execution
Casing Pressure:	material design 4B PN 16 OB, OC, OE PN 16 / 10 / 14
Shaft Sealing:	mechanical seal or stuffing box
Flange connections:	Material design 4B DIN 2501 PN 16 OB, OC, OE DIN 2501 pn 16/10
Direction of rotation:	clockwise when looking at the pump from the drive end



DESCRIPTION

SIHI pumps are horizontal multistage centrifugal pumps of ring-section design, which meet the technical requirements of ISO 5199 / EN 25199. The advanced modular design reduce the number of parts whilst maximising interchangeability. Optimal selection of impeller diameter and diffuser size for each ensures that the pump closely match the required duty conditions.



Modular multistage pumps

SIHI^{multi}
Type MSL, MSM



Volute Casing Pumps Self-priming

ULN 32-125 ... 125-250

TECHNICAL DATA

Output:	max. 300 m ³ /h
Head:	max. 95 m
Suction Head:	max. 5 m (cold water)
Speed:	max. 3000 rpm
Temperature:	max. 120 °C
Casing pressure:	PN 16/10 ¹
Shaft sealing:	standard mechanical seal
Flange connections:	DIN 2501 PN 16/10 ¹
Sense of rotation:	clockwise when seen on the pump from the drive



Side Channel pumps

Self-priming, segmental type with very low NPSH

CEH 1201 ... 6108
CEH 1202/5 ... 6108/5
CEH 1202/7 ... 6107/7

TECHNICAL DATA

Capacity:	from 0.4 up to 35 m ³ /h
Delivery Head:	from 10 up to 354 m
Speed:	1450 rpm (max. 1800 rpm)
Temperature:	max. 120 °C max. 180 °C for high temperature design (higher temperatures upon request)
Casing pressure:	PN 40
Shaft sealing:	stuffing box or mechanical seal
Flange connections:	DIN 2501 / PN 40
Direction of rotation:	anti-clockwise (when seen from the drive end)



SIHI^{LPH-X} - Liquid Ring Vacuum Pump Self-priming

LPH 55312, LPH 55316, LPH 55320



Pressure Range :	33 to 1013 mbar
Suction Volume :	120 to 470 m ³ /h

CONSTRUCTION

Sterling SIHI liquid ring vacuum pumps have a simple but robust construction with the following features and benefits:

- Near isothermal compression
- Oil free, with no internal lubrication
- Capable of handling almost all gases and vapours
- able to handle quantities of liquid "carry over"
- Low maintenance and safe operation
- Low noise and almost vibration free
- Available in a wide range of materials
- Broad range of applications
- O-ring sealing as standard
- Cavitation protection as standard
- Drain hole as standard
- Built-in solids drain
- Rotating metallic parts are non contacting to minimise wear
- ATEX compliance

Sterling SIHI liquid ring vacuum pumps of the range LPH 55312, LPH 55316 and LPH 55320 are two stage pumps.



MULTISTAGE CENTRIFUGAL PUMP SIHI HALBERG HEGA

HEGA 2502 ... 6510

TECHNICAL DATA

Capacity :	Max.
Head :	Max.
Speed :	Max.
Temperature :	Max.
Casing pressure :	Max.
Shaft sealing :	Stuffing box or mechanical seal
Direction of rotation :	To the right (clockwise), looking at shaft end

Maximum casing pressure (PSI (bar)):

Temperature range (°F)	Suction	Discharge
14 to 248 °F (-10 to 120 °C)	232 (16)	580 (40)
up to 140 °C	232 (16)	551 (38)
up to 194 °C	188.5 (13)	472.7 (32.6)



Authorized Agent :

Rototherm
instrumentation and control



Pressure & Temperature Recorder, Pressure & Temperature Gauges

LESER



API 526 Std.

NEW

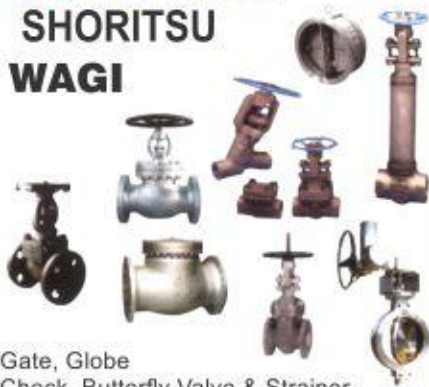
Safety Relief & Pressure Reducing Valves
Pilot Operated Safety Valves

TKT TANKTECH
KSPC



Storage Tank Venting Devices

NEWAY
SHORITSU
WAGI



Gate, Globe Check, Butterfly Valve & Strainer

WAGI OMAVAL
NEWAY ZV



Ball Valves

FESTO
PLG POWER-GENEX®
EUROTEC



- EP/PP Positioner
- Solenoid Valves & Limit Switches

CRANE **FLOWSEAL** **DH DHC**
Diaval **schneider**



Butterfly Valves Diaphragm Valves
Gauge Isolating Valves

VMX **KSB** **amri**



Bellow Sealed Valve
Globe Valve and Butterfly Valves

FESTO **SUN YEH** **OMOL AUTOMATION**



- Pneumatic Actuator and Manual Override
- Electric Actuator

rembe



Bursting / Rupture Disc

CMO



Knife Gate Valves & Penstock

AYVAZ



Steam Trap,
Expansion Joint & Level Indicator
and Magnetic Level Switch

SAMSON **SAMSON**



Self Operated
Temperature
Control Valve

VMX **RITAG**



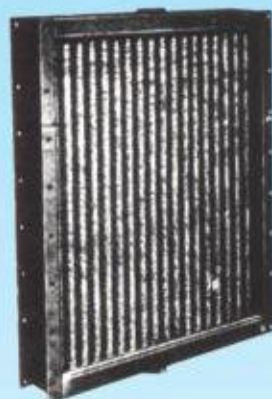
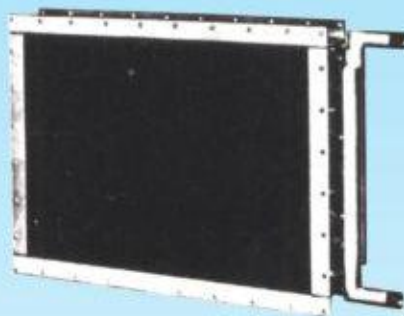
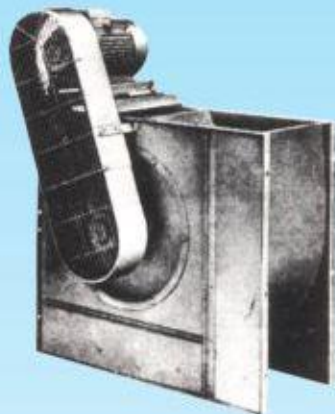
Wafer
Check Valves



NOVENCO NORDISK FAN & HEATER

Fan Types : CBS, CPC & CNB (500, 630, 710, 800, 900)

Heater Types : LFD 684 - 4L1
LFD 6104 - 4L1
LFD 8104 - 4L1
LFD 10103 - 4L1
LFD 10104 - 4L1



OTHERS

Elektrim®
Motors

TECO
Westinghouse

AEB

MIXERTECH
LIMITED



B3
Foot Mounted



B3
Flange Mounted



B35
Foot & Flange Mounted



Southern Cross

EBARA

TORISHIMA

TSURUMI PUMP

KEMPION



YANMAR



FOTON

ISUZU



Industrial Engine (NEW / Recondisi)



V-BELT



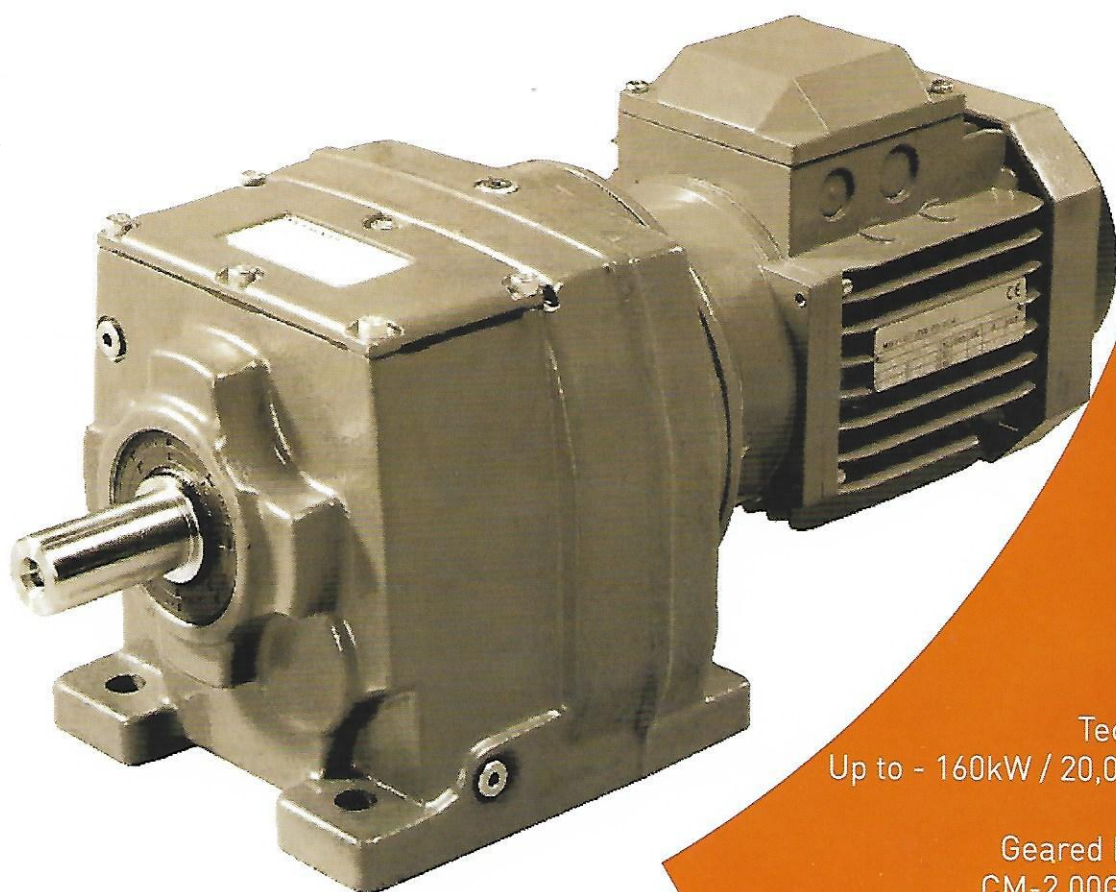
OIL Seal VITON & NBR



radicon

with you at every turn

Series M Helical In-Line



Technical
Up to - 160kW / 20,000 Nm

Geared Motors
CM-2.00GB1211