

PRODUCT CATALOGUE 2019



SOLUSI TERPERCAYA MESIN DAN SUKU CADANG KELAUTAN ANDA

Your Trusted Partner in Marine Spare Part and Equipment



PT. JARUM MAS INDONESIA

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PT. JARUM MAS INDONESIA

TENTANG KAMI

Berdiri sejak tahun 2002, PT Jarum Mas Indonesia telah berkembang pesat, dan kini merupakan salah satu penyedia peralatan dan suku cadang kelautan terbesar di Indonesia, memasok produk-produk nya untuk keperluan berbagai jenis kapal, dari kapal penumpang, kapal nelayan, kapal cakalang, kapal cumi, kapal purse seine, kapal gernet, kapal tug boat, kapal cargo, dan kapal-kapal komersial lain nya.

Kami memiliki peralatan dan suku cadang kelautan yang lengkap untuk membantu Anda membangun atau memperbaiki kapal Anda, melakukan pemeliharaan, atau melakukan overhaul pada kapal Anda.

Kepuasan pelanggan adalah prioritas kami. Tim pemasaran kami yang berdedikasi dan berpengalaman akan mendengarkan dan menganalisa kebutuhan Anda, memberikan saran dan merekomendasi produk yang cocok bagi kebutuhan Anda.

KEUNGGULAN KAMI

Dengan pengalaman lebih dari 16 tahun dalam menangani suku cadang dan peralatan kelautan, Anda dapat mengandalkan kami untuk menyediakan produk yang tepat bagi kebutuhan Anda.

Alasan lain mengapa kami dapat menjadi mitra terpercaya Anda untuk memasok suku cadang dan peralatan kelautan Anda:

- Produk berkualitas dengan harga yang kompetitif
- Variasi produk yang lengkap
- Gudang yang luas dengan stock yang lengkap.
- Pengiriman cepat
- Pelayanan yang profesional
- Jaringan luas di seluruh Indonesia

PT. Jarum Mas Indonesia adalah solusi untuk semua kebutuhan suku cadang dan peralatan kelautan Anda.



WHO WE ARE

Established in 2002, PT Jarum Mas Indonesia has been expanding its operation, and is now one of the largest supplier and stockist of marine equipment and spare parts in Indonesia, addressing leisure and commercial boats and vessels of all sizes, from fishing vessels, work boats, to big cargo vessels.

We provide comprehensive range of products to help you build or repair your vessel, do the maintenance or overhaul projects.

We place great importance on customer satisfaction. Our dedicated and experienced sales team will listen to your requirement, give advice and suggest the ideal products for you and your individual projects.



WHY SOURCING FROM US

With over 16 years of experience dealing with marine products and spare parts, you can count on us to provide you the right products for your needs.

Other reasons why we can be your trusted partner to supply your spare part and marine equipment requirements:

- Quality product with a competitive price
- Provide you a complete range of products
- Spacious warehouse with a large stock holding
- Fast delivery
- Professional service
- Broad network in all over Indonesia

PT. Jarum Mas Indonesia is a one stop shopping solution for your spare part and marine equipment needs.

Spacious warehouse with a wide variety stock holding
Gudang yang luas, dengan stok yang komplit.





A large stock of propeller

Stok baling-baling yang banyak.











Meeting Room & Showroom
Ruang Rapat & Ruang Pameran



Processing your order fast is our priority
Memproses pesanan anda dengan cepat adalah prioritas kami



PROPELLER MARINE

Propeller
NEWTON



Type:
- Propeller GD
- 4 Daun
- CU3

Warranty:
- 1 Year



Type:
- Propeller AU
- 4 Daun
- CU3

Warranty:
- 1 Year



Type:
- Propeller AU LH
- 4 Daun
- CU3

Warranty:
- 1 Year



Type:
- Propeller AU
- 3 Daun
- CU3

Warranty:
- 1 Year



Type:
- Propeller AU
- 5 Daun
- CU3

Warranty:
- 1 Year



Type:
- Propeller AU LH
- 5 Daun
- CU3

Warranty:
- 1 Year



Type:
- Propeller AU
High Speed
- 5 Daun
- CU3
- Special Bronze

Warranty:
- 1 Year



Type:
- Propeller AU
Big High Speed
- 5 Daun
- CU3

Warranty:
- 1 Year



Type:
- **Propeller Ducted**
- 4 Daun
- CU3

Warranty:
- 1 Year



Type:
- **Propeller AU High Speed**
- 3 Daun
- CU3
- Special Bronze

Warranty:
- 1 Year



Type:
- **Propeller AU High Speed**
- 3 Daun
- CU3

Warranty:
- 1 Year



Type:
- **Propeller AU High Speed**
- 4 Daun
- CU3

Warranty:
- 1 Year



Type:
- **Propeller AU High Speed**
- 4 Daun
- CU3
- Special Bronze

Warranty:
- 1 Year



Type:
- **Propeller AU Small**
- 4 Daun
- CU3

Warranty:
- 1 Year



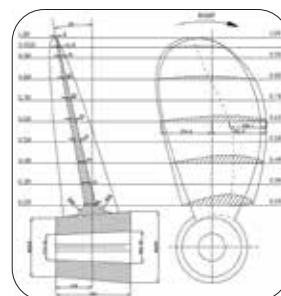
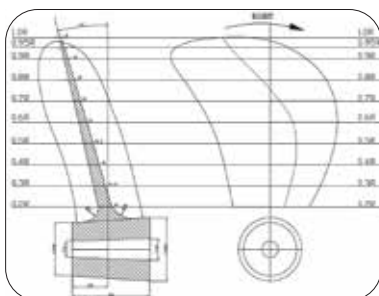
Type:
- **Propeller Semi Submerged**
- 5 Daun

Warranty:
- 1 Year



Type:
- **Propeller AU High Speed**
- 5 Daun
- CU3

Warranty:
- 1 Year



Propeller
LHS



Type:
- Propeller LHS
- 4 Daun



Type:
- Propeller LHS
- Model MB
- 4 Daun



Type:
- Propeller LHS
- 3 Daun

Propeller
OCTOPUS
SUPER



Type:
- Propeller
Octopus Super
- 4 Daun



Type:
- Propeller
Octopus Super
- 3 Daun

Propeller
LOKAL
OCTOPUS



Type:
- Propeller
Lokal Octopus
- 3 Daun



Type:
- Propeller
Lokal Octopus
- 4 Daun



Type:
- Propeller
Lokal Bawal Octopus
- 3 Daun

Mur
Propeller
NEWTON



Dimension

2 1/2"

2 3/4"

3"

3 1/2"

3 1/4"

3 3/4"

4"

5"

6"

Mur
Propeller
LHS



ENGINE MARINE

Engine Marine
PROPULSION

WEICHAI



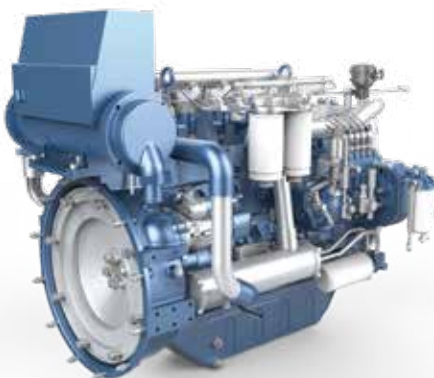
Type:
226 B

Power Range: 48-68 HP
Speed: 1500/1800 rpm
Bore & Stroke: 105 x 120 mm
Displacement: 3,12 L
Warranty: 1 Year



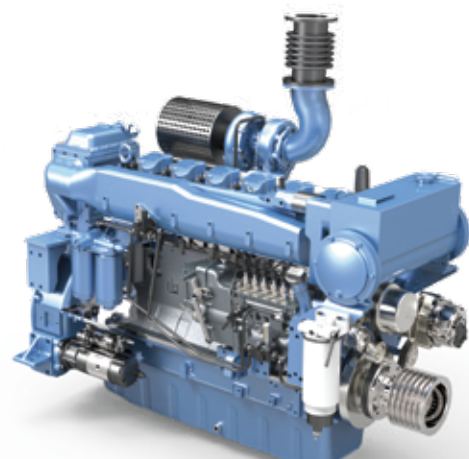
Type:
WP 4

Power Range: 82-120 HP
Speed: 1500/1800/2100 rpm
Bore & Stroke: 105 x 130 mm
Displacement: 4,5 L
Warranty: 1 Year



Type:
WP 6

Power Range: 122-250 HP
Speed: 1500/1800/2100/2300/2425 rpm
Bore & Stroke: 105 x 130 mm
Displacement: 6,75 L
Warranty: 1 Year



Type:
WD 10

Power Range: 190-326 HP
Speed: 1500/1800/2100 rpm
Bore & Stroke: 126 x 130 mm
Displacement: 9,726/ 9,7 L
Warranty: 1 Year



Type:
WD 12

Power Range: 300-400 HP
Speed: 1500/1800/2150 rpm
Bore & Stroke: 126 x 155 mm
Displacement: 11,596 L
Warranty: 1 Year



Type:
WP 12

Power Range: 350-450 HP
Speed: 1500/1800/2100 rpm
Bore & Stroke: 126 x 155 mm
Displacement: 11,596 L
Warranty: 1 Year



Type:
WP 13

Power Range: 400-500 HP
Speed: 1800/2100 rpm
Bore & Stroke: 127 x 165 mm
Displacement: 12,54 L
Warranty: 1 Year



Type:
6170

Power Range: 408-818 HP
Speed: 1000/1200/1350/1500 rpm
Bore & Stroke: 170 x 200 mm
Displacement: 27,24 L
Warranty: 1 Year



Type:
WHM
6160

Power Range: 300-620 HP
Speed: 1000/1200/1500 rpm
Bore & Stroke: 160 x 200 mm
Displacement: 24 L
Warranty: 1 Year

Type:
WHM
6160 M

Power Range: 600-830 HP
Speed: 1200/1350/1500 rpm
Bore & Stroke: 160 x 216 mm
Displacement: 26,04 L
Warranty: 1 Year



**Type:
8170**

Power Range: 600-1000 HP
Speed: 1000/1200/1350/1500 rpm
Bore & Stroke: 170 x 200 mm
Displacement: 36,32 L
Warranty: 1 Year



**Type:
6200**

Power Range: 612-1200 HP
Speed: 750/900/1000 rpm
Bore & Stroke: 200 x 270 mm
Displacement: 50,89 L
Warranty: 1 Year



**Type:
8200**

Power Range: 979-1401 HP
Speed: 720/800/864
928/960/1030 rpm
Bore & Stroke: 200 x 270 mm
Displacement: 67,856 L
Warranty: 1 Year



**Type:
CW 12**

Power Range: 1469-1958 HP
Speed: 900/1000 rpm
Bore & Stroke: 200 x 270 mm
Displacement: 101,784 L
Warranty: 1 Year



**Type:
CW 16**

Power Range: 1958-2394 HP
Speed: 900/1000 rpm
Bore & Stroke: 200 x 270 mm
Displacement: 135,68 L
Warranty: 1 Year



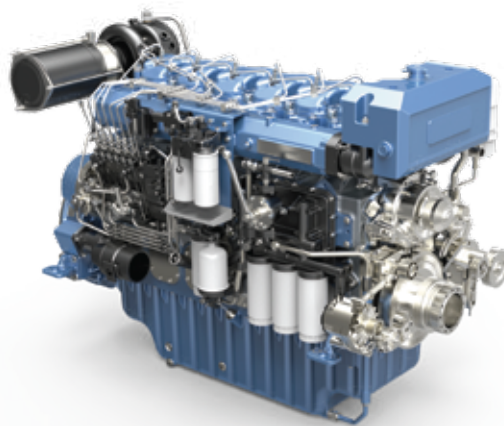
**Type:
6250**

Power Range: 1442-1999 HP
Speed: 720/750/900/1000 rpm
Bore & Stroke: 250 x 270 mm
Displacement: 88,36 L
Warranty: 1 Year



Type:
8250

Power Range: 1999-2666 HP
Speed: 750/900/1000 rpm
Bore & Stroke: 250 x 300 mm
Displacement: 117,81 L
Warranty: 1 Year



Type:
Baudouin
6m33

Power Range: 500-1020 HP
Speed: 1500/1800/1900/2000 rpm
Bore & Stroke: 150 x 185 mm
Displacement: 19,6 L
Warranty: 1 Year



Type:
Baudouin
12m33

Power Range: 900-1500 HP
Speed: 1500/1800 rpm
Bore & Stroke: 150 x 185 mm
Displacement: 39,2 L
Warranty: 1 Year



Type:

D226B-3CD 30KW-33KW (30KVA/24KW) 1.500rpm/50HZ
 TD226B-3CD 40KW-44KW (38KVA/30KW) 1.500rpm/50HZ
 D226B-3CD1 36KW-40KW (38KVA/30KW) 1.800rpm/60HZ
 TD226B-3CD1 50KW-55KW (50KVA/40KW) 1.800rpm/60HZ

Bore & Stroke: 105 x 120 mm
 Displacement: 3,12 L
 Cylinder Number: 3
 Compression Ratio: 15,5:1
 Fuel System: Mechanical Pump
 Aspiration: NA/T
 Emission Standard: IMO Tier II
 Warranty: 1 Year



Type:

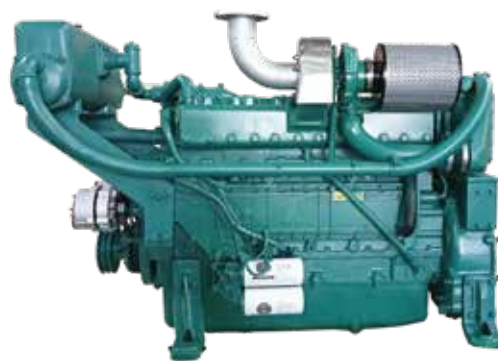
WP4CD66E200 60KW-66KW (63KVA/50KW) 1.500rpm/50HZ
 WP4CD100E200 90KW-100KW (94KVA/75KW) 1.500rpm/50HZ
 WP4CD66E201 60KW-66KW (63KVA/50KW) 1.800rpm/60HZ
 WP4CD100E201 90KW-100KW (94KVA/75KW) 1.800rpm/60HZ
 WP4CD118E201 108KW-118KW (113KVA/90KW) 1.800rpm/60HZ

Bore & Stroke: 105 x 130 mm
 Displacement: 4,5 L
 Cylinder Number: 4
 Compression Ratio: 18:1
 Fuel System: Mechanical Pump
 Governor Method: Mechanic / Electronic
 Aspiration: TA
 Emission Standard: IMO Tier II
 Warranty: 1 Year

**Type:**

WP6CD132E200 120KW-132KW (125KVA/100KW) 1.500rpm/50HZ
 WP6CD152E200 138KW-152KW (150KVA/120KW) 1.500rpm/50HZ
 WP6CD132E201 120KW-132KW (125KVA/100KW) 1.800rpm/60HZ
 WP6CD158E201 144KW-158KW (150KVA/120KW) 1.800rpm/60HZ

Bore & Stroke: 105 x 130 mm
 Displacement: 6,8 L
 Cylinder Number: 6
 Compression Ratio: 18:1
 Fuel System: Mechanical Pump
 Governor Method: Mechanic / Electronic
 Aspiration: TA
 Emission Standard: IMO Tier II
 Warranty: 1 Year

**Type:**

WP10CD200E200 182KW-200KW (188KVA/150KW) 1.500rpm/50HZ
 WP10CD238E200 216KW-238KW (225KVA/180KW) 1.500rpm/50HZ
 WP10CD264E200 240KW-264KW (250KVA/200KW) 1.500rpm/50HZ
 WP10CD200E201 182KW-200KW (188KVA/150KW) 1.800rpm/60HZ
 WP10CD238E201 216KW-238KW (225KVA/180KW) 1.800rpm/60HZ
 WP10CD264E201 240KW-264KW (250KVA/200KW) 1.800rpm/60HZ

Bore & Stroke: 126 x 130 mm
 Displacement: 9,726 L
 Cylinder Number: 6
 Compression Ratio: 17:1
 Fuel System: Mechanical Pump
 Aspiration: TA
 Emission Standard: IMO Tier II
 Warranty: 1 Year

**Type:**

WP12CD317E200 288KW-317KW (313KVA/250KW) 1.500rpm/50HZ
 WP12CD317E201 288KW-317KW (313KVA/250KW) 1.800rpm/60HZ

Bore & Stroke: 126 x 155 mm
 Displacement: 11,596 L
 Cylinder Number: 6
 Compression Ratio: 17:1
 Fuel System: Mechanical Pump
 Governor Method: Mechanic / Electronic
 Aspiration: TA
 Emission Standard: IMO Tier II
 Warranty: 1 Year

**Type:**

WP13CD385E200 350KW-385KW (375KVA/300KW) 1.500rpm/50HZ
 WP13CD385E201 350KW-385KW (375KVA/300KW) 1.800rpm/60HZ

Bore & Stroke: 127 x 165 mm
 Displacement: 12,54 L
 Cylinder Number: 6
 Compression Ratio: 16:1
 Fuel System: Mechanical Pump
 Aspiration: TA
 Emission Standard: IMO Tier II
 Warranty: 1 Year



Type:
CCF30J-W

Frequency: 50Hz / 60Hz
Voltage: 400V / 440V
Prime: 30KW
Engine Make & Model:
Weichai TD226B-3CD (50Hz)
Weichai D226B-3CD1 (60Hz)
Alternator Model: MP-H-30-4/PM144K
Warranty: 1 Year



Type:
CCF50J-W

Frequency: 50Hz / 60Hz
Voltage: 400V / 440V
Prime: 50KW
Engine Make & Model:
Weichai WP4CD66E200 (50Hz)
Weichai WP4CD66E201 (60Hz)
Alternator Model: MP-H-50-4/UCM224F
Warranty: 1 Year



Type:
CCF100J-W

Frequency: 50Hz / 60Hz
Voltage: 400V / 440V
Prime: 100KW
Engine Make & Model:
Weichai WP6CD132E200 (50Hz)
Weichai WP6CD132E201 (60Hz)
Alternator Model: MP-H-100-4/UCM274E
Warranty: 1 Year



Type:
NM50W-O

Frequency = 50Hz / 60Hz
Engine Make & Model :
WEICHAI WP4CD66E200 (50HZ)
WEICHAI WP4CD66E201 (60HZ)
Alternator Model :
Double Bearing SKF NR224E-63



Type:
NM100W-O

Frequency = 50Hz / 60Hz
Engine Make & Model :
WEICHAI WP6CD132E200 (50HZ)
WEICHAI WP6CD132E201 (60HZ)
Alternator Model :
Double Bearing SKF NR274DS-125

Type:
NM80W-O

Frequency = 50Hz / 60Hz
Engine Make & Model :
WEICHAI WP4CD100E200 (50HZ)
WEICHAI WP4CD100E201 (60HZ)
Alternator Model :
Double Bearing SKF NR274C-100

Type:
NM150W-O

Frequency = 50Hz / 60Hz
Engine Make & Model :
WEICHAI WP10CD200E200 (50HZ)
WEICHAI WP10CD200E201 (60HZ)
Alternator Model :
Double Bearing SKF NR274G-187.5



Type:
HM50W-O

Frequency = 50Hz / 60Hz
Engine Make & Model :
WEICHAI WP4CD66E200 (50HZ)
WEICHAI WP4CD66E201 (60HZ)
Alternator Model :
Double Bearing HR200F-63



Type:
HM100W-O

Frequency = 50Hz / 60Hz
Engine Make & Model :
WEICHAI WP6CD132E200 (50HZ)
WEICHAI WP6CD132E201 (60HZ)
Alternator Model :
Double Bearing HR225D-125

Type:
HM80W-O

Frequency = 50Hz / 60Hz
Engine Make & Model :
WEICHAI WP4CD100E200 (50HZ)
WEICHAI WP4CD100E201 (60HZ)
Alternator Model :
Double Bearing HR225B-100

Type:
HM150W-O

Frequency = 50Hz / 60Hz
Engine Make & Model :
WEICHAI WP10CD200E200 (50HZ)
WEICHAI WP10CD200E201 (60HZ)
Alternator Model :
Double Bearing HR250E-188



Type:
WP 4
WP 6

Warranty: 1 Year



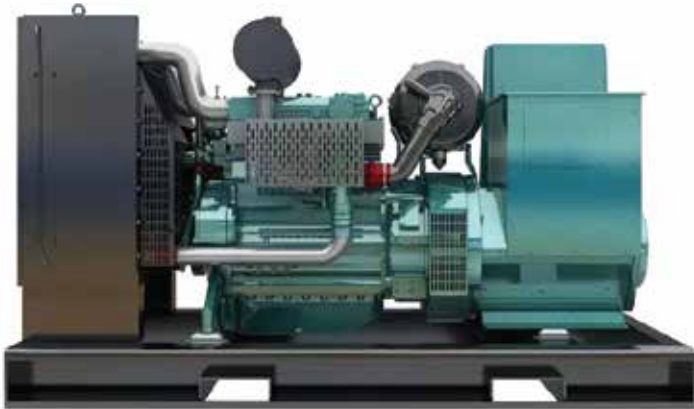
Type:
WP 10
WP 12
WP 13

Warranty: 1 Year

POWER GENERATION

Land-Based
Power Generation
B-Series Weichai
(Open No Fuel Tank)

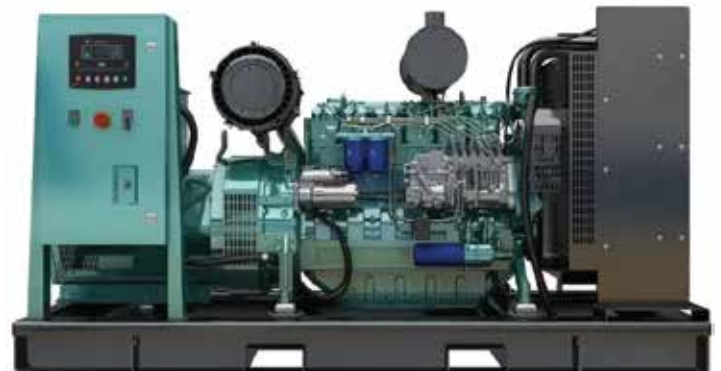
WEICHAI



Warranty:
1 Year

Land-Based
Power Generation
F-Series Weichai
(Open With Fuel Tank)

WEICHAI



Warranty:
1 Year



Warranty:
1 Year



Warranty:
1 Year

**Type:
WPG55**

Standby Rating = 55kva / 44kw
Prime Rating = 50kva / 40kw
Engine Make & Model :
WEICHAI WP4CD66E200 1500 rpm (50HZ)
Alternator Model :
UC224D/MP-40-4/NR224D-50

**Type:
WPG50**

Standby Rating = 63kva / 50kw
Prime Rating = 56kva / 45kw
Engine Make & Model :
WEICHAI WP4CD66E201 1800 rpm (60HZ)
Alternator Model :
UC224D/MP-48-4/NR224D-50

**Type:
WPG110**

Standby Rating = 110kva / 88kw
Prime Rating = 100kva / 80kw
Engine Make & Model :
WEICHAI WP4CD108E200 1500 rpm (50HZ)
Alternator Model :
UC274C/MP-80-4/NR274C-100

**Type:
WPG100**

Standby Rating = 125kva / 100kw
Prime Rating = 113kva / 90kw
Engine Make & Model :
WEICHAI WP4CD108E201 1800 rpm (60HZ)
Alternator Model :
UC274C/MP-90-4/NR274C-100

ENGINE DIESEL

Engine Marine
MITSUBISHI
DIESEL



Type:
S4K-T
59KW/1500RPM

Type Water-Cooled 4 Cylinder Turbocharged
Cylinder Arrangement-Piston Broke 4-102×130 mm
Total Displacement 4.24 L
Diesel Fuel Oil (ASTM No.2-D)
Standbay Power Rating Output KW(HP) 59KW/1500RPM
Prime Power Rating Ouput KW(HP) 54KW/1500RPM



Type:
S6K-T
88KW/1500RPM

Type Water-Cooled 6 Cylinder Turbocharged
Cylinder Arrangement- Piston Broke 6-102×130 mm
Total Displacement 6.37 L
Diesel Fuel Oil (ASTM No.2-D)
Standbay Power Rating Output KW(HP) 88KW/1500RPM
Prime Power Rating Ouput KW(HP) 80KW/1500RPM



Type: 6D16T

Bore & Stroke 118×115 mm
 Piston Displacement 7.545 L
 Cylinder Number 6
 Min Fuel Consumption g/kw/hr 220
 Total Lub Oil Volume 13.5liter
 Propulsion Use Light Duty 154KW/2.800rpm
 Propulsion Medium Duty 138KW/2.700rpm
 Propulsion Heavy Duty 123KW/2.600rpm
 Generator Drive Prime Power Use 106KW/1.500rpm
 Generator Drive Stand By Use 117KW/1.500rpm
 General Power and Industrial Use 116KW/2.000rpm
 Net Weight 560kgs



Type: 6D24TC 198KW/1500RPM

Type Water-Cooled 6 Cylinder Turbocharged
 Cylinder Arrangement- Piston Bore 130×150 mm
 Total Displacement 11.945 L
 Diesel Fuel Oil (ASTM No.2-D) Or Marine Diesel Fuel
 Standby Power Rating Output KW(HP) 204KW/1500RPM
 Prime Power Rating Output KW(HP) 185KW/1500RPM

Type: 6D24TC 206KW/1800RPM

Type Water-Cooled 6 Cylinder Turbocharged
 Cylinder Arrangement- Piston Bore 130×150 mm
 Total Displacement 11.945 L
 Diesel Fuel Oil (ASTM No.2-D) Or Marine Diesel Fuel
 Standby Power Rating Output KW(HP) 204KW/1500RPM
 Prime Power Rating Output KW(HP) 185KW/1500RPM



Type:
6D16T 100% BARU
+ NEURON GENERATOR

Frequency = 50Hz / 60Hz
Engine Make & Model :
MITSUBISHI 6D16T 117KW 1500 (50HZ)
MITSUBISHI 6D16T 134KW 1800 (60HZ)
Alternator Model :
NEURON Double Bearing SKF NR274E-140

GENERATOR MARINE

Generator Marine
NEURON



Type:
Single
Bearing

Warranty:
1 Year



Type:
Double
Bearing

Warranty:
1 Year

TYPE	BEARING
Generator Neuron NR 164 (8-16 KVA)	DOUBLE
Generator Neuron NR 184 (18-40 KVA)	DOUBLE
Generator Neuron NR 224 (50-88 KVA)	DOUBLE
Generator Neuron NR 274 (93-250 KVA)	DOUBLE
Generator Neuron NR 444 (250-400 KVA)	DOUBLE
Generator Neuron NR 544 (450-675 KVA)	DOUBLE
Generator Neuron NR 634 (710-1250KVA)	DOUBLE
Generator Neuron NR 734 (1375-2500KVA)	DOUBLE

TYPE

Generator HEROIC HR 200

Generator HEROIC HR 225

Generator HEROIC HR 250



Warranty:
1 Year

PART
GENERATOR



AVR For Generator
AS440



AVR For Generator
SX440



AVR For Generator
SX460



AVR For Generator
15 A



AVR For Generator
Marathon BE 350



AVR For Generator
KR110-6



AVR For Generator
Heroic ETC 1



AVR For Generator
England EA 16



AVR For Generator
Marelli M61FA655A



AVR For Generator
Relaysomer R250



AVR For Generator
Relaysomer R449



AVR For Generator
Relaysomer R450



Rectifier Diode Set Neuron
NR 224-274



Diode Set
NR 4-5 Y70-12-201



Bearing Generator Neuron
NR 184 6306(Front) - 6309 (Back)
NR 224 6309 (Front) - 6312 (Back)
NR 274 6310 (Front) - 6315 (Back)
NR 6314 (Front) - 6317 (Back)



Exciter Rotor Neuron
NR 224D 40 KW
42,5KVA-50KVA



Exciter Stator Neuron
NR 224D 40 KW
42,5KVA-50KVA



PMG Generator Neuron
NR 224-274



Rubber Roll
Poly Coupling Generator
DB SAE 11,5 75x75



Rubber Roll
Poly Coupling Generator
DB SAE 14 100x100



Anti Rubber Mounting



Coupling Generator



Housing Adaptor



Poly Coupling Generator



Ban Kuning Strip

ELECTRO MOTOR

Electro Motor
NEURON



TYPE

Electro Motor 2P

Electro Motor 4P

Electro Motor 6P

Electro Motor 8P



Warranty:
1 Year



ELECTRO MOTOR 2P

Electro Motor Y2-NR63 2P 0,24HP-0,33HP Neuron

Electro Motor Y2-NR71 2P 0,50HP-0,75HP Neuron

Electro Motor Y2-NR80 2P 1HP-1,5HP Neuron

Electro Motor Y2-NR90 2P 2HP-3HP Neuron

Electro Motor Y2-NR100 2P 4HP Neuron

Electro Motor Y2-NR112 2P 5,5HP Neuron

Electro Motor Y2-NR132 2P 7,5HP-10HP Neuron

Electro Motor Y2-NR160 2P 15HP-25HP Neuron

Electro Motor Y2-NR180 2P 30HP Neuron

Electro Motor Y2-NR200 2P 40HP-50HP Neuron

Electro Motor Y2-NR225 2P 60HP Neuron

Electro Motor Y2-NR250 2P 75HP Neuron

Electro Motor Y2-NR280 2P 100HP-120HP Neuron

Electro Motor Y2-NR315 2P 150HP-267HP Neuron

Electro Motor Y2-NR355 2P 336HP-420HP Neuron

ELECTRO MOTOR 4P



Electro Motor Y2-NR63 4P 0,16HP-0,24HP Neuron

Electro Motor Y2-NR71 4P 0,33HP-0,50HP Neuron

Electro Motor Y2-NR80 4P 0,75HP-1HP Neuron

Electro Motor Y2-NR90 4P 1,5HP-2HP Neuron

Electro Motor Y2-NR100 4P 3HP-4HP Neuron

Electro Motor Y2-NR112 4P 5,5HP Neuron

Electro Motor Y2-NR132 4P 7,5HP-10HP Neuron

Electro Motor Y2-NR160 4P 15HP-20HP Neuron

Electro Motor Y2-NR180 4P 25-30HP Neuron

Electro Motor Y2-NR200 4P 40HP Neuron

Electro Motor Y2-NR225 4P 50HP-60HP Neuron

Electro Motor Y2-NR250 4P 75HP Neuron

Electro Motor Y2-NR280 4P 100HP-120HP Neuron

Electro Motor Y2-NR315 4P 150HP-267HP Neuron

Electro Motor Y2-NR355 4P 336HP-420HP Neuron

ELECTRO MOTOR 6P



Electro Motor Y2-NR71 6P 0,24HP-0,33HP Neuron

Electro Motor Y2-NR80 6P 0,5HP-0,75HP Neuron

Electro Motor Y2-NR90 6P 1HP-1,5HP Neuron

Electro Motor Y2-NR100 6P 2HP Neuron

Electro Motor Y2-NR112 6P 3HP Neuron

Electro Motor Y2-NR132 6P 4HP-7,5HP Neuron

Electro Motor Y2-NR160 6P 10HP-15HP Neuron

Electro Motor Y2-NR180 6P 20HP Neuron

Electro Motor Y2-NR200 6P 25HP-30HP Neuron

Electro Motor Y2-NR225 6P 40HP Neuron

Electro Motor Y2-NR250 6P 50HP Neuron

Electro Motor Y2-NR280 6P 60HP-75HP Neuron

Electro Motor Y2-NR315 6P 100HP-176HP Neuron

Electro Motor Y2-NR355 6P 213HP-336HP Neuron

ELECTRO MOTOR 8P



Electro Motor Y2-NR80 8P 0,25HP-0,34HP Neuron

Electro Motor Y2-NR90 8P 0,50HP-0,75HP Neuron

Electro Motor Y2-NR100 8P 1HP-1,5HP Neuron

Electro Motor Y2-NR112 8P 2HP Neuron

Electro Motor Y2-NR132 8P 3HP-4HP Neuron

Electro Motor Y2-NR160 8P 5,5HP-10HP Neuron

Electro Motor Y2-NR180 8P 15HP Neuron

Electro Motor Y2-NR200 8P 20HP Neuron

Electro Motor Y2-NR225 8P 25-30HP Neuron

Electro Motor Y2-NR250 8P 40HP Neuron

Electro Motor Y2-NR280 8P 50HP-60HP Neuron

Electro Motor Y2-NR315 8P 75HP-150HP Neuron

Electro Motor Y2-NR355 8P 180HP-270HP Neuron



Type:
06A

Max.12.5HP at 2100RPM
Engine Speed: 1000-2100RPM
LxWxH: 350x316x482mm
Net Weight: 58 Kg
Bell Housing: No

Ratio	2.52	3.05	3.50
Rate(HP/RPM)	0.006		



Type:
16A

Max.33HP at 2000RPM
Engine Speed: 1000-2000RPM
LxWxH: 422x325x563mm
Net Weight: 84 Kg
Bell Housing: No

Ratio	2.07	2.48	2.95	3.35	3.83
Rate(HP/RPM)	0.016				



Type:
MA125

Max.82HP at 3000RPM
Engine Speed: 1500-3000RPM
LxWxH: 291x454x485mm
Net Weight: 115 Kg
Bell Housing: SAE 2, 3, 4
Flange: SAE 10, 11.5

Ratio	2.03	2.46	3.04	3.57	4.05	4.39	4.70
Rate(HP/RPM)	0.027	0.024	0.022	0.019	0.0176	0.0149	



Type:
MA142

Max.102HP at 2500RPM
Engine Speed: 1500-3000RPM
LxWxH: 308x520x540mm
Net Weight: 140 Kg
Bell Housing: SAE 2, 3
Flange: SAE 10, 11.5

Ratio	1.97	2.52	3.03	3.54	3.95	4.50	5.06	5.47
Rate(HP/RPM)	0.041		0.035	0.031	0.026	0.022	0.017	


**Type:
40A**

Max.82HP at 2000RPM
 Engine Speed: 750-2000RPM
 LxWxH: 490x670x620mm
 Net Weight: 225 Kg
 Bell Housing: SAE 2, 3
 Flange: SAE 11.5

Ratio	2.07	2.96	3.44
Rate(HP/RPM)	0.04	0.034	


**Type:
MB170**

Max.132HP at 2500RPM
 Engine Speed: 1000-2500RPM
 LxWxH: 485x610x656mm
 Net Weight: 240 Kg
 Bell Housing: SAE 1, 2, 3
 Flange: SAE 10,11.5,14

Ratio	1.97	2.52	3.04	3.54	3.96	4.50	5.06	5.47	5.88
Rate(HP/RPM)		0.053				0.042		0.037	


**Type:
120C**

Max.340HP at 2500RPM
 Engine Speed: 1000-2500RPM
 LxWxH: 352x694x650mm
 Net Weight: 225 Kg
 Bell Housing: SAE 1, 2, 3
 Flange: SAE 11.5, 14

Ratio	1.48	1.61	1.94	2.45	2.96	3.35
Rate(HP/RPM)		0.136		0.122	0.109	


**Type:
135A**

Max.272HP at 2000RPM
 Engine Speed: 1000-2000RPM
 LxWxH: 578x744x830mm
 Net Weight: 470 Kg
 Bell Housing: SAE 1
 Flange: SAE 14

Ratio	2.03	2.59	3.04	3.62	4.11	4.65	5.06	5.47	5.81
Rate(HP/RPM)		0.134				0.125	0.118	0.103	0.094



Type:
D300

Max.805HP at 2300RPM
Engine Speed: 1000-2300RPM
LxWxH: 786x920x1040mm
Net Weight: 940 Kg
Bell Housing: SAE 0, 1
Flange: SAE 14, 16, 18

Ratio	4.00	4.48	5.05	5.52	5.90	6.56	7.06	7.63
Rate(HP/RPM)	0.35	0.33	0.30		0.25		0.20	0.17



Type:
T300

Max.759HP at 2300RPM
Engine Speed: 1000-2300RPM
LxWxH: 640x920x1110mm
Net Weight: 1120 Kg
Bell Housing: SAE 0,1
Flange: SAE 14, 16, 18

Ratio	4.73	4.95	6.03	6.65	7.04	7.54	8.02	8.47
Rate(HP/RPM)			0.33				0.30	0.27



Type:
D400

Max.810HP at 1800RPM
Engine Speed: 1000-1800RPM
LxWxH: 843x1010x1066mm
Net Weight: 1100 Kg
Bell Housing: SAE 0, 1
Flange: SAE 14, 16, 18

Ratio	3.96	4.33	4.43	4.476	4.70	5.00	5.53	5.70	5.89
Rate(HP/RPM)			0.41				0.364	0.337	0.337



Type:
T600

Max.1260HP at 2100RPM
Engine Speed: 1000-2100RPM
LxWxH: 805x1094x1271mm
Net Weight: 1600 Kg
Bell Housing: SAE 00, 0
Flange: SAE 16, 18, 21, (14)

Ratio	6.06	6.49	6.97	7.51	8.04	8.66	9.35
Rate(HP/RPM)	0.55	0.49	0.45		0.41	0.36	0.35

Type:
T400

Max.945HP at 2100RPM
Engine Speed: 1000-2100RPM
LxWxH: 800x1052x1130mm
Net Weight: 1450 Kg
Bell Housing: SAE 0, 1
Flange: SAE 14, 16, 18

Ratio	6.09	6.49	6.93	7.42	7.96	8.40	9.00	9.47
Rate(HP/RPM)	0.44			0.41	0.38	0.355		0.326

DYNAMO ST/STC

Dynamo
ST/STC



TYPE

Dynamo HE 3ST (1Phase) 3KW Heroic Full L=100

Dynamo HE 5ST (1Phase) 5KW Heroic Full L=105

Dynamo HE 7,5ST (1Phase) 7,5KW Heroic Full L=140

Dynamo HE 10ST (1Phase) 10KW Heroic Full L=120

Dynamo HE 15ST (1Phase) 15KW Heroic Full L=140

Dynamo HE 20ST (1Phase) 20KW Heroic Full L=160

Dynamo HE 24ST (1Phase) 24KW Heroic Full L=180

Dynamo HE 3STC (3Phase) 3KW Heroic Full L=100

Dynamo HE 5STC (3Phase) 5KW Heroic Full L=105

Dynamo HE 7,5STC (3Phase) 7,5KW Heroic Full L=140

Dynamo HE 10STC (3Phase) 10KW Heroic Full L=120

Dynamo HE 15STC (3Phase) 15KW Heroic Full L=140

Dynamo HE 20STC (3Phase) 20KW Heroic Full L=160

Dynamo HE 24STC (3Phase) 24KW Heroic Full L=180

Dynamo HE 30STC (3Phase) 30KW Heroic Full L=145

Dynamo HE 40STC (3Phase) 40KW Heroic Full L=165

Dynamo HE 50STC (3Phase) 50KW Heroic Full L=220

Dynamo HE 64STC (3Phase) 64KW Heroic Full L=260

PART
DYNAMO ST/STC



Carbon Brush 3KW-A
ST STC Heroic



Silicon ST 10A For 3-13KW
Silicon STC 60A For 50-64KW



AVR ST Heroic 3-20 KW
1 Phase



AVR SRC Heroic 10-50 KW
3Phase



Volt Meter 500 V
30-64KW



Brush Holder Plat ST STC 3

HEAT EXCHANGER

Heat Exchanger
& Oil Cooler

BOWMAN



Warranty:
1 Year

Heat Exchanger
KAIZEN

KAIZEN

TYPE

KL - 200	70 Hp
KL - 300	70-108 Hp
KL - 400	150-240 Hp
KL - 500	240-400 Hp
KL - 600	290-400 Hp
KL - 700	450-600 Hp
KL - 830	600-800 Hp
KL - 1000	800-1000 Hp
KI - 1600	1200-1600 Hp
KL - 1800	1600-1800 Hp



Warranty:
1 Year

TYPE

KL - 1000 800-1000 Hp



TYPE

KL - 1600 1200-1600 Hp



TYPE

KL - 1800 1600-1800 Hp

Heat Exchanger
COOLMAN

COOLMAN





Tutup Heat Exchanger
KL Kaizen



Oring Thermostat 5x60



Isi Heat Exchanger KL



Body Heat Exchanger
KL Kaizen



Flange Water Cooler Stainless
KL Kaizen



Flange Thermostat
Kotak & Oval



Tube Sheet Heat Exchang-
er



Karet Tutup Heat Echanger
KL 200-830 KZ

WATER COOLER

Water Cooler
KAIZEN

KAIZEN

TYPE

AH 300 = 48 HP

CH 300 = 60-108 HP

CH 400 = 180-240 HP

CH 700 = 240-300 HP

CH 900 = 788 HP

KH 300 = 480 HP

KH 400 = 600 HP

PH 300 = 788-1182 HP

PH 400 = 1478-1769 HP



Type:
Water Cooler
NEW



Type:
Water Cooler
Body BWN
TTP KNG



Type:
Water Cooler Full
SS 304



Type:
Water Cooler FIBER

AH 300 = 48 HP

CH 300 = 60-108 HP

CH 400 = 180-240 HP

CH 700 = 240-300 HP

CH 900 = 788 HP



Type:
Water Cooler
TTP KNG



Type:
Water Cooler
TTP Besi



Type:
Water Cooler
FULL SS 304



Type:
Water Cooler
Tutup SS



Isi Water Cooler Kaizen



Isi Water Cooler Coolman



isi Water Cooler
SS Coolman



Tutup Water Cooler
SS CH 300-700



Tutup Water Cooler
CH 300-700 Kaizen Drat



Tutup Water Cooler
CH 300-700 Coolman Drat



Tutup Water Cooler
CH 300-700 Kaizen



Tutup Water Cooler
CH 300-700 Crome KNG



Tutup Water Cooler
CH 300-700 Coolman



Cup Body Stainless
Water Cooler



Anti KaratTutup CH 300-700
Water Cooler



Body Water Cooler CH 700
Kaizen



Body Water Cooler
Coolman



Oring Water Cooler
CH 300-700 Kaizen
CH 900 Kaizen



Packing Karet Flange
Water Cooler

WATER PUMP

Water Pump
JRM 8000



Type:
Water Pump
JRM 8000



Type:
Water Pump
SS JRM 8000



Type:
Water Pump
TP Turbo 200

Water Pump
JC 8000 & PC 8000



Type:
Water Pump
JC 8000



Type:
Water Pump
PC 8000
Turbo 200



Type:
Water Pump
PC 8000



Type:
Water Pump
ss JC 8000

PART
WATER PUMP



Kipas Water Pump
JRM 8000



Tutup JRM 8000



Plate Pompa
JRM 8000



Seal Kuningan 1-12



Seal Kuningan 2



Mur Kipas JRM 8000



Body Cover JRM 8000



AS JRM 8000 Stainless 316



Bearing 30205 JRM



Bearing 30205 NTN



Mechanical Seal
JRM 8000



Mechanical Seal Asahi



Oil Seal JRM 8000
20x35 & 22x38



Packing Body Cover Pump
JC 8000
52 x 92



Packing Body Cover Pump
JRM 8000
52 x 92



Packing Plate Pompa
112 x 154 x 2



Poly JRM 8000



Mur Poly
JRM 8000 RH & LH



Tutup Stainless
JC & JRM 8000



Kipas Stainless
JC & JRM 8000



Plate Pompa Stainless
JC & JRM 8000 MLY



Baut Stainless 5-16 X 1



Pump Seal 3/4"-1"

BRASS FITTING

Brass Fitting JRM 8000



Ball Valve JRM 8000

Size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pcs/Box	25	25	12	12	6	6	4	2
Pcs/Carton	150	150	72	72	36	36	12	12



Bushing JRM 8000

Size	1 1/4"x1/2"	1 1/4"x3/4"	1 1/4"x1"	1 1/2"x1/2"	1 1/2"x3/4"	1 1/2"x1"
Pcs/Box	20	20	20	20	20	20
Pcs/Carton	80	80	80	80	80	80

Size	1 1/2"x1 1/4"	2"x1/2"	2"x3/4"	2"x1"	2"x1 1/4"	2"x1 1/2"
Pcs/Box	20	14	14	14	14	14
Pcs/Carton	80	56	56	56	56	56



ST. Elbow JRM 8000

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pcs/Box	40	20	16	5	6	5
Pcs/Carton	160	80	60	50	36	20



Elbow JRM 8000

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pcs/Box	40	20	16	12	10	5
Pcs/Carton	160	80	64	48	40	20



Elbow Pipe JRM 8000

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pcs/Box	40	20	12	16	12	4
Pcs/Carton	160	80	48	64	48	16



Pipe JRM 8000

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pcs/Box	60	60	35	20	15	10
Pcs/Carton	240	240	140	80	60	40



Nipple JRM 8000

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pcs/Box	60	40	40	15	10	7
Pcs/Carton	240	160	160	60	40	28



Socket JRM 8000

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pcs/Box	60	50	18	11	10	10
Pcs/Carton	240	200	72	44	40	40



Tee JRM 8000

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Pcs/Box	25	20	10	7	5	3
Pcs/Carton	100	80	40	35	25	15



End Pipe Hex Nut



Saringan Kuningan



Strain Plate



Stainer Corong



Pipa Union



STANGTIP MLY 1 3/4"
JRM 8000



STANGTIP MLY 1 1/2"
JRM 8000



STANGTIP MLY 2 1/2"
JRM 8000



STANGTIP MLY 3 1/2"
JRM 8000



STANGTIP MLY 4"
JRM 8000



STANGTIP MLY 5"
JRM 8000

SHAFT



TYPE	Ukuran (inch)	Ukuran (mm)
	Diameter Luar	Diameter Luar
Shaft S/S 304 Korea & India	1/2"	12.7
Shaft S/S 304 Korea & India	5/8"	15.875
Shaft S/S 304 Korea & India	3/4"	19.05
Shaft S/S 304 Korea & India	7/8"	22.225
Shaft S/S 304 Korea & India	1"	25.4
Shaft S/S 304 Korea & India	1-1/4"	31.75
Shaft S/S 304 Korea & India	1-1/2"	38.1
Shaft S/S 304 Korea & India	1-3/4"	44.45
Shaft S/S 304 Korea & India	2"	50.8
Shaft S/S 304 Korea & India	2-1/4"	57.15
Shaft S/S 304 Korea & India	2-1/2"	63.5
Shaft S/S 304 Korea & India	2-3/4"	69.85
Shaft S/S 304 Korea & India	3"	76.2
Shaft S/S 304 ITALY VABRUNA	3-1/4"	82.55
Shaft S/S 304 ITALY VABRUNA	3-1/2"	88.9
Shaft S/S 304 ITALY VABRUNA	3-3/4"	95.25
Shaft S/S 304 ITALY VABRUNA	4"	101.6
Shaft S/S 304 ITALY VABRUNA	4-1/4"	107.95
Shaft S/S 304 ITALY VABRUNA	4-1/2"	114.3
Shaft S/S 304 ITALY VABRUNA	5"	127
Shaft S/S 304 ITALY VABRUNA	5-1/2"	139.7
Shaft S/S 304 ITALY VABRUNA	6"	152.4
Shaft S/S 304 ITALY VABRUNA	7"	177.8

BRASS, PIPA S/S



Brass Pipa

TYPE	Ukuran (inch)	Tebal Pipa
	Diameter Luar (mm)	
BRASS PIPE SEAMLESS	2"	4
BRASS PIPE SEAMLESS	2-1/4"	4
BRASS PIPE SEAMLESS	2-3/4"	4,5
BRASS PIPE SEAMLESS	3"	4,5
BRASS PIPE SEAMLESS	3-1/4"	4,5
BRASS PIPE SEAMLESS	3-1/2"	4,5
BRASS PIPE SEAMLESS	4"	6
BRASS PIPE SEAMLESS	4-1/2"	6
BRASS PIPE SEAMLESS	5"	6
BRASS PIPE SEAMLESS	5-1/2"	6
BRASS PIPE SEAMLESS	6"	8
BRASS PIPE SEAMLESS	7"	9
BRASS PIPE SEAMLESS	7-1/2"	9
BRASS PIPE SEAMLESS	6"	6



Pipa Stainless

TYPE	Ukuran (inch)	Ukuran (mm)	Tebal Pipa
	Diameter Luar	Diameter Luar (mm)	
PIPA STAINLESS JRM 304	1-7/8"	48.3	3.7
PIPA STAINLESS JRM 304	2-3/8"	60.33	4
PIPA STAINLESS JRM 304	2-3/8"	60.33	5
PIPA STAINLESS JRM 304	2-3/4"	70	6
PIPA STAINLESS JRM 304	3-1/4"	83	7
PIPA STAINLESS JRM 304	3-1/2"	88.9	7
PIPA STAINLESS JRM 304	4"	101.6	6
PIPA STAINLESS JRM 304	4"	101.6	8
PIPA STAINLESS JRM 304	4-1/2"	114.3	6
PIPA STAINLESS JRM 304	4-1/2"	114.3	8.5
PIPA STAINLESS JRM 304	5"	127	9
PIPA STAINLESS JRM 304	6"	152	10

POHOT & SLEEVE

Sleeve Bearing KAIZEN



Sleeve Bearing



Sleeve Bearing Flange

Pohot DURAMEX



Pohot DURAMEX



Pohot DURAMEX Flange

Pohot FIBER



Pohot COM



Pohot COM



Pohot COM Flange

CAT KAPAL & LEM KAYU

Cat Kapal LINALUX



CAT LINALUX 904



CAT LINALUX R-14



CAT LINALUX SPC-12



CAT KOSSAN 14



CAT KOSSAN 2,95



CAT KOSSAN TF1000

Lem Kayu NIKAWA



Nikawa 1/2 Kg



Nikawa 1 Kg



Nikawa 6,3 Kg

COMPRESSOR

Compressor
CARLYLE



Type:
5H40

Warranty:
1 Year



Type:
5H60

Warranty:
1 Year



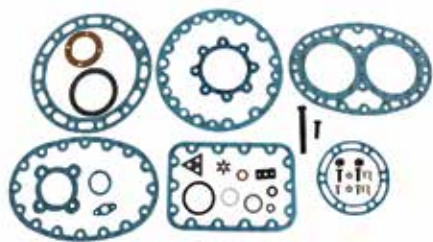
Type:
5H80

Warranty:
1 Year



Type:
5H120

Warranty:
1 Year



Complete Gasket Set
5H60-502



Con Rod Metal
5H40-1002 STD



Crank Shaft Assy
5H60-114



Cylinder Liner
5H-1003



Gasket Compressor Part



Oil Pump
5H40-1051



Pin Piston
5H40-1051



Piston Ring
5H40-481 (2x2pcs)



Suction Valve Spring
5H40-1791 & Discharge
Valve Spring 5H40-7322



Piston
5H40-482



Thrust Bearing
5H40-1012 STD



SHAFT SEAL ASSY
5H40-276 CARLYLE

REMOTE CONTROL



Handle 2 MT Kaizen
Taiwan



Handle Kaizen 2MT



Handle Single Kaizen
Taiwan



Handle 3 MT Morse Kaizen



Handle Morse Single
Kaizen



Arm Cabel Gas
S/S 304



Arm Galvanis



Baut Handle Complete



Connector Kepala Kabel
Gas



Kabel Gas Coolman
8,5mm/33C
Size: 2M - 50M



Kabel Gas Kaizen
8,5mm/33C
Size: 2M - 50M

SEGEL, GILI-GILI & JARUM KERAS

SIZE

Rantai S/S 304/316

Size 1/4" 5/16" 3/8" 1/2" 5/8" 3/4"

Gili-Gili S/S 304/316

Size 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 7/8" 1"

Segel S/S 304/316

Size 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 7/8" 1"

Kausan S/S 304/316

Size 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 7/8" 1"

Jarum Keras S/S 304/316

Size 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 7/8" 1"

Klem Seling S/S 304/316

Size 1/8" 3/16" 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 7/8" 1"



Segel Stainless



Gili-Gili Stainless



Jarum Keras Stainless



Klem Seling S/S



Kausen Stainless



Rantai Stainless



Kawat Seling Stainless

SIZE

Rantai GALVANIS 304/316

Size 1/4" 5/16" 3/8" 1/2" 5/8" 3/4"

Segel GALVANIS 304/316

Size 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 7/8" 1"

Kausan GALVANIS 304/316

Size 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 7/8" 1"

Jarum Keras GALVANIS 304/316

Size 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 7/8" 1"

Klem Selling GALVANIS 304/316

Size 1/8" 3/16" 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 7/8" 1"



Segel Galvanis



Jarum Keras Galvanis



Klem Selling Galvanis



Kausan Galvanis



Rantai Galvanis

Selang SANHO

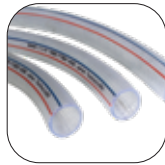
SANHO

Selang Benang SANHO

Size	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"
M	100	100	100	100	100	100	50	50	50	50	50	50	50	50

Selang Spring SANHO

Size	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	3"	3 1/2"	4"	5"	6"	8"
M	100	100	100	100	100	50	50	40	40	40	40	20	20	20	10	10	10	10	10



Selang Benang
SANHO



Selang Bening
SANHO



Selang Spring
SANHO

Selang COOLMAN

COOLMAN

Selang Spring COOLMAN

Size	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/2"	3"	4"	4 1/2"	5"	5 1/2"	6"	8"
M	50	50	50	50	50	30	30	20	20	20	20	20	10



Selang Spring
COOLMAN

Selang ARTERI

ARTERI

Selang Spring ARTERI

Size	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/2"	3"	4"	4 1/2"	5"	5 1/2"	6"	8"
M	50	50	50	50	50	30	30	20	20	20	20	20	10



Selang Spring
ARTERI



Selang Benang
ARTERI

PAKU KAPAL



Paku Gepeng

Size 2 1/2" 3" 3 1/2" 4" 5" 6" 7"



Paku Singapore

Size 2 1/2" 3" 3 1/2" 4" 5" 6" 7"



Paku Thailand

Size 2 1/2" 3" 3 1/2" 4" 5" 6"

GEARBOX PART

Gearbox Part 06 A



ADJUSTING NUT
0602A-0005



ADJUSTING NUT SEAT
06-02A-0018



CLUTCH BARREL
06-02A-0016



CLUTCH HOUSING
0602A-0003



DRIVE PINION ASTERN
06A



DRIVEN GEAR ASTERN
06A



GROOVEND NUT
M36 X 1,5 06A



IDLE GEAR
0601A-0032



INPUT SHAFT
0601A-0021



KAMPAS REM 06A



OUTPUT SHAFT
0602A-0001



REAR END COVER
INPUT SHAFT 0601A-0026



RUBBER TRANSMISSION
PLATE - G



SHIFTING BAR
06A



TOP COVER ASSY
06-16A COMPLIT2

Gearbox Part
16 A



BREATHER COVER ONLY
16A



CLUTCH BALLER
16-02A-0016



CLUTCH HOUSING
1602-0003A



CONTROL LEVER
1601-0004B 06-16A



Input Shaft Coupling
16A



DRIVEN PINION AHEAD
16A



HANDLE
1601-0007 (06-16A)



IDLE GEAR SHAFT
1601-0031



INPUT SHAFT BEARING
SEAT 1601-0016A



Driven Gear Astern 16A



KAMPAS REM
1602-0014 1602-0015



LOCKING PIN-FIG
16A



LUG 1601 - 0002
(06-16A) KNG



SHIFTING SHAFT
1601-0003A (06-16A)



THRUST PLATE
1602 - 0004

Gearbox Part MA 100



COPPER WASHER
100-01-104



DRIVE GEAR 100-03-002



EXTERNAL DISC
(100-01-009)



INPUT SHAFT
100



OIL FILTER ELEMENT
100-05-101+F



PINION
100-01-201 3



PISTON
100-01-005



RETURN SPRING
100 - 01 - 007



SEAL RING
MA100



SPIDER MA100



THRUST PLATE
(100-01-003)

Gearbox Part MA 125



ALUMINIUM 125,142



CLUTCH BRACKET
125-01-202



COUPLING FOR OIL PUMP
125-02-001



DIVIDING OIL PLUG
125-01-103



FRONT COVER
125-01-001A



INPUT FLANGE
125-01-002A



INPUT SHAFT
125



KAMPAS REM
MA100-MA125-100-01-009-010



KEY
12X35



OIL PUMP BRACKET
(125-04-013)



OUTPUT SHAFT
125-03-003



PINION
125 - 01 - 201-3



SNAP RING
50GB894-76 (FOR SHAFT)
MA125



SUCTION PIPE
125-04-302



TRANSMISSION SHAFT
125-02-101



DRIVEN GEAR
3;1 (142-03-002)



FRONT COVER
142-01-001A



HOSE
142-05-200-50CM



HYDRAULIC CONTROL
SYSTEM MA142



INPUT SHAFT
142



INTERNAL TOOTHED RING
Q05-11-02A



OIL COOLER
MA142 Q08-03-00



OIL PUMP BRACKET
142 - 02 - 002



OIL PUMP
MA142 BB-B10D



OUTPUT SHAFT
142-03-001



PACKING FULL SET
MA142



PIPE SUCTION
142-05-100



SPIDER
MA142 Q05-11-01



TRANSMISSION SHAFT
142-02-101



TUTUP OIL COOLER
MA142

Gearbox Part
40 A



BEARING
22310 TIANMA 40A



BELL HOUSING
(404-0037)



CLUTCH HOUSING
401-0006



COOLER COVER
408-0001



CYLINDER BODY
401-0003



DRIVE PINION
401-3012



INPUT SHAFT
40A



KAMPAS REM
401-0007-0018-0019



OIL COOLER
40A



OIL PUMP
40A



PISTON RING
401-0015A



REAR END C, SECONDARY
SHAFT 404-0022



RIGHT-HANDED NUT
401-0014A



SPIDER
40A



THRUST DISC
401 - 0016F

Gearbox Part MB 170



AHEAD INLET PIPE
GROUP 170-05-100



BEARING 2306-N306EM TIANMA
MB170



BEARING 27313-31313
TIANMA MB170



BEARING
42213-NJ213EM.C3
TIANMA MB170



BEARING 42309-NJ309EM
TIANMA MB170



BEARING 50311-6311N
TIANMA MB170



BELL HOUSING
MB170-F3-05



CLUTCH CARRIER
170-01-102



COOLER OUTLET & INLET
PIPE GROUP
MB170-05-300-200A



CYLINDER BODY
170-01-019



DRIVEN GEAR
170-03-00231 82T



HYDRAULIC
Q06-01A-00 (MB170)



ALUMINIUM
MB170 Q05-12-02 X1



KAMPAS REM
170-01-012-013



OIL COOLER
MB170 Q08-02-00



OIL PUMP
MB170 BB16A



PINION
MB170-01-0083 27T



PUMP OUTLET & INLET
PIPE GROUP
170-05-400A-500



REAR-FRONT THRUST
RACE 170-01-010-006



SPIDER MB170 Q05-12-01



TRANS GEAR 170-02-002

Gearbox Part
120 C



BELL HOUSING
120C-04-003X2 SAE11.5-3



COOLER INLET PIPE GROUP
120C-05-300



COOLER OULET PIPE GROUP
120C-05-400



EXTRENAL DISC
120C-01-008



OIL PUMP
120C BB-B16A



PISTON RING
120C-01-012



SINGLE FACE EXTERNAL DISC
120C-01-010



THRUST RING
120C-01-006



BEARING
3520-22220CAW
TIANMA 135A



BEARING
42313 135A



BEARING
42316-NJ316M 135A



BEARING
50315-6315N
TIANMA 135A



BEARING
50317-6317N
TIANMA 135A



BEARING
9069414-29414E
TIANMA 135A



BELL HOUSING
135-04-001-1



CARRIER FRICTION PLATE
(135-01-011A)



CLUTCH CASING
135-01-024A



DISTRIBUTOR SLEEVE
135-01-020A



OULET PIPE (PANJANG)
135-04-900A



OUTPUT COUPLING
135A - 03A - 004A



OUTPUT SHAFT
(135-03-007)



PIPING SET
135A



PISTON
135-01-014



SUPPORTING RING
135-01-012 & THRUST RING
135-01-007



THRUST RING
135-01-007



TORSIONAL SHAFT
135A



WIRE GAP FILTER
36A-12-200 & GAUGE
ASEMBLY



BEARING
2222-N222EKM
TIANMA D300



BEARING
42222-NJ2222EM
TIANMA D300



BEARING 46222-7222ACM
TIANMA D300



BEARING
176222-QJ222
TIANMA D300



BEARING
9069418-29418
TIANMA D300



BELL HOUSING
D300-04-005X2
SAE=0-18



BELL HOUSING
D300-04-005X3 SAE=1-14



CLUTCH BRACKET
300-01-101



CLUTCH HOUSING
300-01-006



COUPLING BRACKET
300-01-003



EXTERNAL - INTERNAL
DISC 300-01-009-010



GEAR MAJU
300-01-019



GEAR MUNDUR
300-02-004



INPUT SHAFT + BRACKET
300-01-102A+101-42MM-52
MM-66MM



ALUMINIUM
D300-Q05-01-05 SAE-1



NUT
300-01-007



OIL COOLER
D300 KL 140



OIL PUMP
D300 BB-B32A



PACKING FULL SET
D300



PINION
D300-01-001



SPIDER
D300



THRUST RING
300-01-004



AHEAD HYDRAULIC PIPE
T300-04-500



AHEAD LUB
PIPET300-04-300



ASTERN HYDRAULIC PIPE
T300-04-600



ASTERN LUB PIPE
T300-04-400



CLUTCH BRACKET
T300-01-102



CLUTCH HOUSING
T300-02-002A



COOLER OUTPUT
PIPE T300-04-1000



INLET PIPE
T300-04-900



ISI OIL COOLER
T300



OIL COOLER
T300 Q08-06-00



OIL PUMP
T300 BB-B40A



OUTPUT COUPLING
T300-03-003



PISTON
T300-02-003



SUCTION PIPE
T300-04-700



TRANSMISSION SHAFT
T300-02-101

Gearbox Part T 400



ALUMINIUM
T400 Q05-01-06 SAE 16



BEARING BRACKET
FJD400-02-001



CLUTCH BRACKET
FJD400-01-010



FILTER ELEMENT
FJD400-04-200



INPUT SHAFT
FJD400-01-006



OIL COOLER
HCD400



PISTON
FJD400-01-014



PLATE OIL COOLER
BOWMAN 135-T400



SNAP RING
FJD400-01-008



TOOTHED RING
FJD400-01-009



TRANSMISSION SHAFT
FJD400-02-002



TUTUP OIL COOLER
T400 & T600



TUTUP OIL COOLER
T400 & T600

Gearbox Part T 600



BEARING
6222GB T276-94



CLUTCH BRACKET
HC600-01-005



HIGH FLEXIBLE COUPLING
HCT600 HIGH 6.3-01



KARET GEARBOX
HCT600 Q26-06-04



PINION
HC600-01-003 21T

Gearbox Part HC 800



HIGH FLEXIABLE COU-
PLING HC800 HGTLX8.6-01



INTERNAL TOOTHED RING
HGTLX 8.618-03 SAE18

Gearbox Part MB 270



KARET GEARBOX MB270



OIL PUMP MB270

Weichai Part
T226D

WEICHAI



AIR FILTER
13021376 W4 TD226



BELT
13023351 - 13X1400 W6



CONNECTING ROD UP SHELL
13056109 W46 TD226



CYLINDER HEAD GASKET
13059912 W46 TD226



FUEL COARSE FILTER
13022658



FUEL FILTER ELEMENT
1000700909



CYLINDER HEAD COVER
13053431 W46 TD226



FUEL INJECTION PUMP
13022089 PROPULSION
TD226B-3C1



MAIN BEARING UP
13034908 W46 TD226



MONITOR
No.1 13030876
13030645 TD226



NOZZLE
12270163 TD226



OIL COOLER
12273290 TD226



OIL FILTER ELEMENT
1000736513



THRUST PLATE
13058365 W46
1001310200 TD226



TURBO AUXILIARY
13052234 TD226B-3CD
INSULATION



AIR FILTER 13058882
W4



ALTERNATOR 13052811
W4/6



BELT 13032792 - 13X1385
W4



FUEL COARSE FILTER ELEMENT
1000588583 W10-13



FUEL FILTER ELEMENT
1000422384 W4-13



HEAT EXCHANGER
TD226 1000971732



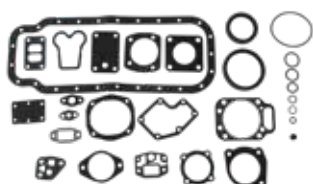
MONITOR 13030701Z
W4



NOZZLE 13026027
W4



OIL FILTER
01174421



OVERHAUL PACKAGE
DXB-WP4=TD226



SEA WATER PUMP
W4 13021346Z



STARTER
13053508 WP4-6
60KW-138KW



OIL TEMPERATURE SENSOR
13023397 W4 TD226



TURBO AUXILIARY
13060527 WP4 AUXILIARY
60KW-90KW



WATER PUMP
12273212 W4 TD226



AIR FILTER
13033409 W6



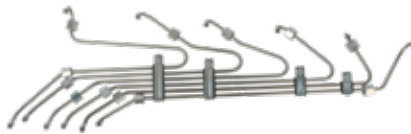
CYLINDER HEAD
13033166



FUEL FILTER ELEMENT
13067054



FUEL INJECTION PUMP
13055571Z WP6C165-18



FUEL PIPE
13033905 W6



FUEL RETURN PIPE
13034708 WP6C165-18



HEAT EXCHANGER
13063017Z



MONITOR
13036305 WP6 AUXILIARY



OIL FILTER ELEMENT
1000736512 W4/6



OIL GAS SEPARATOR ELEMENT
13055724 W6



PISTON
12273861



PISTON RING SET
(PER CYLINDER) 13070647



PISTON RING SET
13065822 W46



SEA WATER PUMP
WP46 13021719Z TD226



STARTER
13055161 WP4-6
60KW-90KW

Weichai Part
WP10

WEICHAI



AIR FILTER
612600111407 PROPULSION
WD10 190HP



BELT
612600020654 - 6PK1255
W10



CYLINDER HEAD COVER GASKET
612600040565



ELECTROMAGNETIC VALVE
612630180110



FUEL PIPE
612600080547 W12



INTAKE VALVE
612600050073 W10/12



OIL COOLER
61500010334 W10



OIL GAS SEPARATOR ELEMENT
1000424655 W1012 (2)



OIL PIPE
612600114649 PROPULSION
WD10 190HP



OIL PUMP VALVE
612630010143



SEA WATER PUMP
W10 612600170076Y



SENSOR TEMP 1 SET



TURBO
612600114141Z PROPULSION
WD10 240HP-278HP



WATER CUP
612600081322 W10-13



WATER PUMP
612630060651 W13

Weichai Part
WP12

WEICHAI



ALTERNATOR
612630060694



AUTOMATIC TENSIONER
612600061287



BELT
81500060316 AVX10X1350
W12/13



CYLINDER HEAD COVER
612630040005 W12/13



CYLINDER HEAD COVER
GASKET 612630040007 W12/13



CYLINDER HEAD GASKET
612700040018 W12/13



FUEL FILTER ELEMENT
1000422384 W4-13



FUEL INJECTION PUMP
612630080648Z-1001828167
W12



NOZZLE
612630090053 W12



OIL COOLER
612630010050 W12



OIL FILTER ELEMENT
1000428205 W12/13



OIL PUMP
612630010256 W12



SHUT-DOWN ELECTROMAGNET
WD10 PROPULSION
612600081980



VALVE SEAL
1000549569 W12



WATER PUMP
612600061228 W12



MONITOR CABLE NO. 1
617009000384 W4-13
WHM6160



MONITOR CABLE NO. 2
617009000342 W4-13
WHM6160



CIRCLIP
612630020029



DIPSTICK
612600012725



EXHAUST VALVE
612630050002



EXHAUST VALVE SEAT
612630040076



MONITOR NO.1
1000685594 W4-13
PROPULSION



MONITOR NO.2
1000685599 W4-13
PROPULSION



PISTON PIN
612630020025



RING GEAR 612600020208
W10-13



SEAL RING 612600081327
W10-13



TAPPET 612630050100



THRUST PLATE SET UP &
DOWN 1000312598



TURBOCHARGER WASHER
61560110210 W10-13



WIRE 612630180128 W1213

Weichai Part
WHM6160

WEICHAI



AIR FILTER GROUP
617034010000 WHM6160



CONNECTING ROD BEARING
616005000036 WHM6160



CONNECTING ROD BOLT
170Z.05.20.04 WHM 6160



DIPSTICK 617001000090
WHM6160



EXHAUST PIPE GASKET
617022000135 WHM6160



INJECTOR 617067000120
WHM6160



NOZZLE
617067000002 WHM6160



OIL COOLER
617012010000 WHM6160



OIL FILTER
617015000152 WHM6160



OIL FILTER GROUP
1000512205 WHM6160



OIL PUMP
8170Z.10.00 WHM6160



PISTON RING SET
(1 SILINDER) 1001249868
WHM6160



PRIMING OIL PUMP
170Z.11.00 WHM6160



SEA WATER PUMP
170Z.17D.00



STARTER
817025000004 WHM6160

TECHNICAL DATA



Certificate No. 26393/GBBPAL
Date: September 7, 2018



Issuing Office:
Jl. Arteri Tol Cibitung No. 1, Cibitung Bekasi 17520, Indonesia
Phone/Fax: +62 21 88321176/88321166
Email: afakhrudin@sucofindo.co.id

REPORT OF ANALYSIS

The sample was submitted by client with the following identification :

CLIENT : JARUM MAS INDONESIA, PT.
ADDRESS : Komplek Pergudangan Sentra Industri Terpadu III.
PIK Blok F No. 20, Rt003 / Rw003, Kamal Muara.
Penjaringan – JAKARTA UTARA.
TYPE OF SAMPLE : KUNINGAN.
DATE OF RECEIVED : 07/08/2018.
TEST REQUIRED : Chemical Composition.
DESCRIPTION OF SAMPLE : Form : Bar.
Weight/Volume : $\pm$ 0.72 kg.
Packing : Plastic bag.
SAMPLE IDENTIFICATION : --
DATE OF ANALYSIS : 07/08/2018 to 24/08/2018.
YOUR REFERENCE : --

Result:

Parameter	Unit	Results	Method
Silver (Ag)	%	0.004	ASTM E 478-89a (2006)
Aluminium (Al)	%	9.992	ASTM E 478-89a (2006)
Bismuth (Bi)	%	0.031	ASTM E 478-89a (2006)
Cadmium (Cd)	%	0.001	ASTM E 478-89a (2006)
Cobalt (Co)	%	0.014	ASTM E 478-89a (2006)
Chromium (Cr)	%	0.014	ASTM E 478-89a (2006)
Iron (Fe)	%	4.605	ASTM E 478-89a (2006)
Magnesium (Mg)	%	Less than 0.001	ASTM E 478-89a (2006)
Manganese (Mn)	%	1.011	ASTM E 478-89a (2006)
Molybdenum (Mo)	%	0.020	ASTM E 478-89a (2006)
Nickel (Ni)	%	4.282	ASTM E 478-89a (2006)
Phosphor (P)	%	Less than 0.001	ASTM E 478-89a (2006)
Lead (Pb)	%	0.012	ASTM E 478-89a (2006)
Antimony (Sb)	%	Less than 0.001	ASTM E 478-89a (2006)
Tin (Sn)	%	0.075	ASTM E 478-89a (2006)
Vanadium (V)	%	0.001	ASTM E 478-89a (2006)
Zinc (Zn)	%	0.528	ASTM E 478-89a (2006)
Copper (Cu)	%	79.411	ASTM E 478-89a (2006)

This Certificate/report is issued under our General Terms and Conditions, copy of which is available upon request or may be accessed at www.sucofindo.co.id

CBT5001263185010



3006642

SCI-2007A

OUR PRODUCT



Propeller



Propeller



Marine Gearbox



Marine Gearbox



Propeller



Propeller



Generator, Electro Motor,
AVR, Genset



Water Cooler, Rubber Block,
Remote Control, Cable
Remote, Heat Exchanger



Water Pump, Ball Valve,
Mechanical Seal, Bearing,
Brass Fitting



Hose Spring



Hose Spring



Generator, Dinamo
ST/STC



Marine Engine



Marine Engine



Heat Exchanger,
Hydraulic Oil Cooler



Compressor



Heat Exchanger, Hose
Spring, Cable Remote,
Water Cooler



Paint



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6221 - 5698 3189
6221 - 5698 2065
- Email
sales@jarummas.com
- Website
www.jarummas.com
- Address
Sentra Industri Terpadu III PIK Blok F No. 20
Jl. Pantai Indah Selatan, Jakarta Utara

Auhorized Distributor

