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ITEM NO	REFERENT PHOTO	ENGLISH NAME	DETAILED DESCRIPTION	FOB(CHO NGQING)P RICE
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4 STROKE ENGINE

HORIZONTAL ENGINE

50cc-125cc HORIZONTAL ENGINE are available

1



HORIZONTAL
ENGINE 50CC,
MANUAL CLUTCH,
UP ELECTRIC &
KICK START

- 1) model: 1P39FMA
- 2) Type: single cylinder, air cooled, 4 stroke
- 3) Displacement: 48ml
- 4) Max. power Kw / r/min: 2.6 / (8000±5%)
- 5) Max. torque N.r/min: 3.0 / (5500±5%)
- 6) Compression ratio: 7.3 : 1
- 7) Bore*Stroke(mm*mm): $\phi 39 \times 40.2$
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method: Manual Wet Multi-plate

US\$80.00

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HORIZONTAL
ENGINE 70CC,
MANUAL CLUTCH,
UP ELECTRIC &
KICK START

- 1) model: 147FMD
- 2) Type: single cylinder, air cooled, 4 stroke
- 3) Displacement: 72ml
- 4) Max. power Kw / r/min: 3.1 / (5500±5%)
- 5) Max. torque N.r/min: 4.1 / (5500±5%)
- 6) Compression ratio: 8.8 : 1
- 7) Bore*Stroke(mm*mm): $\phi 39 \times 40.2$
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method: Manual Wet Multi-plate

US\$80.00

3



HORIZONTAL
ENGINE 90CC,
MANUAL CLUTCH,
UP ELECTRIC &
KICK START

- 1)model:147FMF
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:86ml
- 4)Max.power Kw / r/min:3.4/(8000±5%)
- 5) Max.torque N.r/min:4.5/(5500±5%)
- 6) Compression ratio:8.8:1
- 7) Bore*Stroke(mm*mm):φ47*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$80.00

4



HORIZONTAL
ENGINE 100CC,
MANUAL CLUTCH,
UP ELECTRIC &
KICK START

- 1)model:150FMG
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:97ml
- 4)Max.power Kw / r/min:4.5/(8000±5%)
- 5) Max.torque N.r/min:6.5/(5500±5%)
- 6) Compression ratio: 8.8:1
- 7) Bore*Stroke(mm*mm):φ50*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$85.00

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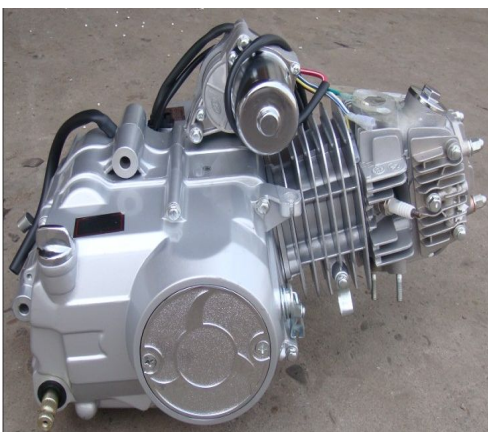


HORIZONTAL
ENGINE 110CC,
MANUAL CLUTCH,
UP ELECTRIC &
KICK START

- 1)model:152FMH
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:107ml
- 4)Max.power Kw / r/min:4.7/(8000±5%)
- 5) Max.torque N.r/min:6.9/(5500±5%)
- 6) Compression ratio:8.8 :1
- 7) Bore*Stroke(mm*mm):φ52.4*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

USD85.25

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HORIZONTAL
ENGINE 125CC,
MANUAL CLUTCH,
UP ELECTRIC &
KICK START

- 1)model:157FMI
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:124ml
- 4)Max.power Kw / r/min:5.0/(8000±5%)
- 5) Max.torque N.r/min:7.2/(5500±5%)
- 6) Compression ratio: 8.8:1
- 7) Bore*Stroke(mm*mm):φ52.4*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$85.25

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HORIZONTAL
ENGINE 50CC,
AUTO CLUTCH, UP
ELECTRIC & KICK
START

- 1)model:1P39FMA
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:48ml
- 4)Max.power Kw / r/min:2.6/(8000±5%)
- 5) Max.torque N.r/min:3.0/(5500±5%)
- 6) Compression ratio: 7.3 :1
- 7) Bore*Stroke(mm*mm):φ39*40.2
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$90.00

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HORIZONTAL
ENGINE 70CC,
AUTO CLUTCH, UP
ELECTRIC & KICK
START

- 1)model:147FMD
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:72ml
- 4)Max.power Kw / r/min:3.1/(5500±5%)
- 5) Max.torque N.r/min:4.1/(5500±5%)
- 6) Compression ratio: 8.8:1
- 7) Bore*Stroke(mm*mm):φ39*40.2
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$88.00

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HORIZONTAL
ENGINE 90CC,
AUTO CLUTCH, UP
ELECTRIC & KICK
START

- 1)model:147FMF
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:86ml
- 4)Max.power Kw / r/min:3.4/(8000±5%)
- 5) Max.torque N.r/min:4.5/(5500±5%)
- 6) Compression ratio:8.8:1
- 7) Bore*Stroke(mm*mm):φ47*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$88.00

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HORIZONTAL
ENGINE 110CC,
AUTOMATIC
CLUTCH, UP
ELECTRIC & KICK
START

- 1)model:152FMH
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:107ml
- 4)Max.power Kw / r/min:4.7/(8000±5%)
- 5) Max.torque N.r/min:6.9/(5500±5%)
- 6) Compression ratio:8.8 :1
- 7) Bore*Stroke(mm*mm):φ52.4*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$88.00

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HORIZONTAL
ENGINE 125CC,
AUTOMATIC
CLUTCH, UP
ELECTRIC & KICK
START

- 1)model:157FMI
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:124ml
- 4)Max.power Kw / r/min:5.0/(8000±5%)
- 5) Max.torque N.r/min:7.2/(5500±5%)
- 6) Compression ratio: 8.8:1
- 7) Bore*Stroke(mm*mm):φ52.4*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$88.00

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HORIZONTAL
ENGINE 50CC,
MANUAL CLUTCH,
KICK START ONLY

- 1)model:1P39FMA
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:48ml
- 4)Max.power Kw / r/min:2.6/(8000±5%)
- 5) Max.torque N.r/min:3.0/(5500±5%)
- 6) Compression ratio: 7.3 :1
- 7) Bore*Stroke(mm*mm):φ39*40.2
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$73.78

13



HORIZONTAL
ENGINE 70CC,
MANUAL CLUTCH,
KICK START ONLY

- 1)model:147FMD
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:72ml
- 4)Max.power Kw / r/min:3.1/(5500±5%)
- 5) Max.torque N.r/min:4.1/(5500±5%)
- 6) Compression ratio: 8.8:1
- 7) Bore*Stroke(mm*mm):φ39*40.2
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$72.13

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HORIZONTAL
ENGINE 90CC,
MANUAL CLUTCH,
KICK START ONLY

- 1)model:147FMF
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:86ml
- 4)Max.power Kw / r/min:3.4/(8000±5%)
- 5) Max.torque N.r/min:4.5/(5500±5%)
- 6) Compression ratio:8.8:1
- 7) Bore*Stroke(mm*mm):φ47*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$72.13

15

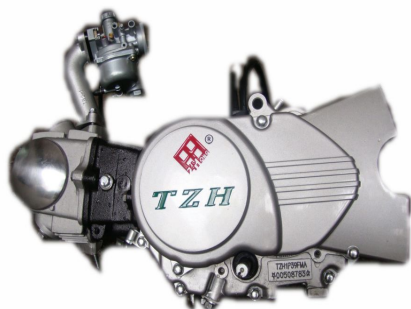


HORIZONTAL
ENGINE 100CC,
MANUAL CLUTCH,
KICK START ONLY

- 1)model:150FMG
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:97ml
- 4)Max.power Kw / r/min:4.5/(8000±5%)
- 5) Max.torque N.r/min:6.5/(5500±5%)
- 6) Compression ratio: 8.8:1
- 7) Bore*Stroke(mm*mm):φ50*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$72.13

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HORIZONTAL
ENGINE 50CC,
AUTO CLUTCH,
KICK START ONLY

- 1)model:1P39FMA
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:48ml
- 4)Max.power Kw / r/min:2.6/(8000±5%)
- 5) Max.torque N.r/min:3.0/(5500±5%)
- 6) Compression ratio: 7.3 :1
- 7) Bore*Stroke(mm*mm):φ39*40.2
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$77.05

70cc-125cc

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HORIZONTAL
ENGINE 70, AUTO
CLUTCH, KICK
START ONLY

- 1)model:147FMD
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:72ml
- 4)Max.power Kw / r/min:3.1/(5500±5%)
- 5) Max.torque N.r/min:4.1/(5500±5%)
- 6) Compression ratio: 8.8:1
- 7) Bore*Stroke(mm*mm):φ39*40.2
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$75.41

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HORIZONTAL
ENGINE 90CC,
AUTO CLUTCH,
KICK START ONLY

- 1)model:147FMF
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:86ml
- 4)Max.power Kw / r/min:3.4/(8000±5%)
- 5) Max.torque N.r/min:4.5/(5500±5%)
- 6) Compression ratio:8.8:1
- 7) Bore*Stroke(mm*mm):φ47*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$75.41

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70CC,90CC,100CC,1
10CC engine (kick &
electric start, manual /
automatic
clutch,STARTER
BELOW)

- 1)model:147FMD
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:72ml
- 4)Max.power Kw / r/min:3.1/(5500±5%)
- 5) Max.torque N.r/min:4.1/(5500±5%)
- 6) Compression ratio: 8.8:1
- 7) Bore*Stroke(mm*mm):φ39*40.2
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

USD86.89/
90.16

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125cc engine
(aluminium cylinder,
kick & electric start,
manual / automatic
clutch)

- 1)model:157FMI
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:124ml
- 4)Max.power Kw / r/min:5.0/(8000±5%)
- 5) Max.torque N.r/min:7.2/(5500±5%)
- 6) Compression ratio: 8.8:1
- 7) Bore*Stroke(mm*mm):φ52.4*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$98.36

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HORIZONTAL
ENGINE 110CC,
AUTOMATIC
CLUTCH, KICK
START (ATV
ENGINE)

- 1)model:152FMH
- 2)Type:single cylinder, air cooled,4 stroke
- 3)Displacement:107ml
- 4)Max.power Kw / r/min:4.7/(8000±5%)
- 5) Max.torque N.r/min:6.9/(5500±5%)
- 6) Compression ratio:8.8 :1
- 7) Bore*Stroke(mm*mm):φ52.4*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method:Manual Wet Multi-plate

US\$75.41

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HORIZONTAL
ENGINE
110CC, Double
CLUTCH, UP
ELECTRIC & KICK
START

- 1) model: 152FMH
- 2) Type: single cylinder, air cooled, 4 stroke
- 3) Displacement: 107ml
- 4) Max. power Kw / r/min: 4.7/(8000±5%)
- 5) Max. torque N.r/min: 6.9/(5500±5%) **US\$108.00**
- 6) Compression ratio: 8.8 : 1
- 7) Bore*Stroke(mm*mm): φ52.4*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method: Manual Wet Multi-plate

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ELECTRIC START,
AUTOMATIC
ENGINE, ENGINE
WITH REVERSE
GEAR.
R/N/D, 110CC(ATV
ENGINE)

- 1) model: 152FMH
- 2) Type: single cylinder, air cooled, 4 stroke
- 3) Displacement: 107ml
- 4) Max. power Kw / r/min: 4.7/(8000±5%)
- 5) Max. torque N.r/min: 6.9/(5500±5%) **US\$95.08**
- 6) Compression ratio: 8.8 : 1
- 7) Bore*Stroke(mm*mm): φ52.4*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method: Manual Wet Multi-plate

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ELECTRIC & KICK
START, 110CCC
, AUTOMATIC
CLUTCH, ENGINE
WITH REVERSE
GEAR. R/N/1/2/3

- 1) model: 152FMH
- 2) Type: single cylinder, air cooled, 4 stroke
- 3) Displacement: 107ml
- 4) Max. power Kw / r/min: 4.7/(8000±5%)
- 5) Max. torque N.r/min: 6.9/(5500±5%) **US\$95.08**
- 6) Compression ratio: 8.8 : 1
- 7) Bore*Stroke(mm*mm): φ52.4*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method: Manual Wet Multi-plate

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ELECTRIC & KICK
START, 125CC,
MANUAL
CLUTCH, ENGINE

- 1) model: 157FMI
- 2) Type: single cylinder, air cooled, 4 stroke
- 3) Displacement: 124ml
- 4) Max. power Kw / r/min: 5.0/(8000±5%)
- 5) Max. torque N.r/min: 7.2/(5500±5%) **US\$140.98**
- 6) Compression ratio: 8.8 : 1
- 7) Bore*Stroke(mm*mm): φ52.4*49.5
- 8) Ignition: CDI
- 9) lubrication: Pressure and splash
- 10) Clutch Method: Manual Wet Multi-plate

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CG125,125CC,
ELETRIC&KICK
START,AUTOMATIC
CLUTCH, AIR
COOL, FOUR
STROKE

Model:TZH157FMI
Type:Single cylinder,four-stroke,air-
cooled
Displacement:ml 124
Bore x Stroke:mm -56.5 x 49.5
Rated Power & Rotating
Speed:KW/(r/min)-7.2/8500
Max.Torque & Rotating
Speed:N.m/(r/min)8.8/7500
Ignition: CDI
Transmission:5speed ,Rotary

US\$140.98

27



CG150,150CC,
ELETRIC&KICK
START,AUTOMATIC
CLUTCH, AIR
COOL, FOUR
STROKE

Model:TZH162FMJ
Type:Single cylinder,four-stroke,air-
cooled
Displacement:ml 149
Bore x Stroke:mm -62 x 49.5
Rated Power & Rotating
Speed:KW/(r/min)-8.2/8500
Max.Torque & Rotating
Speed:N.m/(r/min)9.5/7500
Ignition: CDI
Transmission:5speed ,Rotary

US\$144.26

28



CG175,175CC,
ELETRIC&KICK
START,AUTOMATIC
CLUTCH, AIR
COOL, FOUR
STROKE

Model:TZH162FMK
Type:Single cylinder,four-stroke,air-
cooled
Displacement:ml 174
Bore x Stroke:mm -62 x 57.5
Rated Power & Rotating
Speed:KW/(r/min)-9.0/8500
Max.Torque & Rotating
Speed:N.m/(r/min)11/7500
Ignition: CDI
Transmission:5speed ,Rotary

US\$152.00

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CG200,200CC,
ELETRIC&KICK
START,AUTOMATIC
CLUTCH, AIR
COOL, FOUR
STROKE

Model:TZH163FML
Type:Single cylinder,four-stroke,air-
cooled
Displacement:ml 196
Bore x Stroke:mm -63.5 x 62.2
Rated Power & Rotating
Speed:KW/(r/min)-10/8500
Max.Torque & Rotating
Speed:N.m/(r/min)13.2/6000
Ignition: CDI
Transmission:5speed ,Rotary

US\$172.13



CG250,250CC,
ELECTRIC&KICK
START,AUTOMATIC
CLUTCH, AIR
COOL, FOUR
STROKE

Model:TZH167FML
Type:Single cylinder,four-stroke,air-
cooled
Displacement:ml 229
Bore x Stroke:mm -67 x 65
Rated Power & Rotating
Speed:KW/(r/min)-11/7500
Max.Torque & Rotating
Speed:N.m/(r/min)15.5/6000
Ignition: CDI
Transmission:5speed ,Rotary

US\$196.00

PLEASE:

- 1.Please contact us any time if you have any question;
2. Please note that the photo in this diagram is only for reference. The Real product is according to your choice of status.
- 3.Please order parts directly from the list.
- 4.Please have detailed remark to us if you have questions, or some thing for us to pay attention.