

21.3.4 All 150 models

Carburetor type	KEIHIN PWK 38S AG
Carburetor identification number	BS6_0
Needle position	1st position from top
Jet needle	NOZG (NOZE, NOZF)
Main jet	180 (182, 185)
Idling jet	45 (48, 50)
Starting jet	85
Idle air adjusting screw	
Open	1 turn
Throttle slide	7 with cut-out

21.3.5 Carburetor - basic setting for sandy surfaces (All 150 models)

Idle air adjusting screw	
Open	1 turn
Idling jet	52
Jet needle	NOZE
Needle position	4th position from top
Main jet	190



Info

If the engine is not running smoothly, use a smaller main jet.

21.3.6 Carburetor tuning (All 150 models)

KEIHIN PWK 38S AG							
M/FT ASL ↓	TEMP →	-20°C ... -7°C	-6°C ... 5°C	6°C ... 15°C	16°C ... 24°C	25°C ... 36°C	37°C ... 49°C
		-2°F ... 20°F	19°F ... 41°F	42°F ... 60°F	61°F ... 78°F	79°F ... 98°F	99°F ... 120°F
3,000 m 10,000 ft ↑ 2,301 m 7,501 ft	ASO IJ NDL POS MJ	1 48 NOZ F 3 182	1 45 NOZ G 3 180	2 45 NOZ G 3 180	2 45 NOZ H 3 178	2 45 NOZ H 2 178	
2,300 m 7,500 ft ↑ 1,501 m 5,001 ft	ASO IJ NDL POS MJ	1,5 50 NOZ F 4 182	1 48 NOZ F 3 182	1 45 NOZ G 3 180	2 45 NOZ G 3 180	2 45 NOZ H 3 178	2 45 NOZ H 2 178
1,500 m 5,000 ft ↑ 751 m 2,501 ft	ASO IJ NDL POS MJ	1 50 NOZ E 4 185	1,5 50 NOZ F 4 182	1 48 NOZ F 3 182	1 45 NOZ G 3 180	2 45 NOZ G 3 180	2 45 NOZ H 3 178
750 m 2,500 ft ↑ 301 m 1,001 ft	ASO IJ NDL POS MJ	1 52 NOZ E 4 188	1 50 NOZ E 4 185	1,5 50 NOZ F 4 182	1 48 NOZ F 3 182	1 45 NOZ G 3 180	2 45 NOZ G 3 180
300 m 1,000 ft ↑ 0 m 0 ft	ASO IJ NDL POS MJ	1 52 NOZ E 5 188	1 52 NOZ E 4 188	1 50 NOZ E 4 185	1,5 50 NOZ F 4 182	1 48 NOZ F 3 182	1 45 NOZ G 3 180

402549-01

M/FT ASL	Sea level
TEMP	Temperature
ASO	Idle air adjusting screw open
IJ	Idling jet
NDL	Needle
POS	Needle position from top
MJ	Main jet



Info

Not for sandy surfaces