

## MJB SERIES 17-50 kVA

### TECHNICAL SPECIFICATIONS



GENERATOR GROUP		MJB0017	MJB0022	MJB0033	MJB0044	MJB0050
MODEL	kVA	17	22	33	44	50
	kW	14	18	26	35	40
Stand By Power	kVA	15	20	30	40	45
	kW	12	16	24	32	36

  

DIESEL ENGINE		BAUDOIN				
Model		4M05G17/5	4M05G22/5	4M06G33/5	4M06G44/5	4M06G50/5
Engine Power - Stand By	kW	19	25	33	40	48
Engine Power - Prime	kW	18	23	30	36	44
Engine Speed (rpm)		1500	1500	1500	1500	1500
Number of Cylinder		4 - In Line	4 - In Line	4 - In Line	4 - In Line	4 - In Line
Displacement (lt)		2.1	2.3	3.12	2.3	2.3
Bore x Stroke (mm)		89 x 90	89 x 92	105 x 120	89 x 92	89 x 92
Compression Rate		17.5:1	17.5:1	15.5:1	17.5:1	17.5:1
Governor Type		Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic	Mechanic/Electronic
Induction		Natural	Natural	Natural	TurboCharged	TurboCharged-Intercooler
Combustion System		Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection
Cooling System		Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Lubrication Oil Capacity (lt)		8	9.5	7.25	9.5	9.5
Coolant Capacity (lt)		9.8	11.7	15	11.7	11.7
Fuel Tank Capacity (lt)		92	92	132	132	132
Fuel Consumption lt / h	100% of Prime Power	5.2	6.1	8.1	9.3	10.4
	75% of Prime Power	3.9	4.5	6.4	6.8	7.5
	50% of Prime Power	2.8	3.2	4.7	4.6	5.2

  

ALTERNATOR		BAUDOIN				
Output Voltage (V)		400/230				
Power Factor		0.8				
Number of Poles		4				
Frequency (Hz)		50				
Voltage Regulation		±%0,5				
Connection Type		Star				

  

DIMENSIONS & WEIGHT		MJB0017	MJB0022	MJB0033	MJB0044	MJB0050
Canopy Dimensions	mm (WxDxH)	900 x 2100 x 1310	900 x 2100 x 1310	1000 x 2450 x 1610	1000 x 2450 x 1610	1000 x 2450 x 1610
Canopy Weight	kg	560	605	905	925	945
Open Dimensions	mm (WxDxH)	900 x 1750 x 1235	900 x 1750 x 1235	1000 x 2050 x 1390	1000 x 2050 x 1400	1000 x 2050 x 1400
Open Weight	kg	440	485	710	730	730

Makelsan reserves the right to make changes in model, specification, color, equipment and accessories without prior notice.