



BAUDOIN SERIES 17 - 88 kVA



OUTPUT RATINGS

Model		GSG-17B	GSG-22B	GSG-33B	GSG-44B	GSG-50B	GSG-55B	GSG-72B	GSG-88B
Standby Power (ESP)	kVA / kW	17 / 14	22 / 18	33 / 26	44 / 35	50 / 40	55 / 44	72 / 58	88 / 70
Prime Power (PRP)	kVA / kW	15 / 12	20 / 16	30 / 24	40 / 32	45 / 36	50 / 40	65 / 52	80 / 64
Voltage - Frequency	V - Hz	400 / 230 V - 50 Hz							
Phase Qty - P.F.	Unit - Cosφ	3 Phase - Cosφ 0,8							

ENGINE BAUDOIN

Engine Make & Model		4M05G17/5	4M06G22/5	4M06G33/5	4M06G44/5	4M06G50/5	4M06G55/5	4M11G70/5e2	4M11G90/5e2
EngineStandby	kW	19	25	33	40	48	53	66	81
Air Intake System		Natural	Natural	Natural	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge
Cylinder Volume	L	2,1	2,3	3,12	2,3	2,3	2,3	4,5	4,5
Cylinder Qty / Type		4 / Line	4 / Line	4 / Line	4 / Line	4 / Line	4 / Line	4 / Line	4 / Line
Bore & Stroke	MM x MM	89 x 90	89 x 92	105 x 120	89 x 92	89 x 92	89 x 92	105 x 130	105 x 130
Compression Ratio		17,5 : 1	17,5 : 1	15,5 : 1	17,5 : 1	17,5 : 1	17,5 : 1	18 : 1	18 : 1
Governing Type		Mechanic	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic	Electronic	Electronic
Engine Speed	RPM	1500							
Cooling Method		Water-cooled							
Cooling Sys. Capacity	L	9,8	11,7	15	11,7	11,7	11,7	15,3	15,3
Oil Capacity	L	8	9,5	7,25	9,5	9,5	9,5	10	10
Electrical System	V DC	12	12	12	12	12	12	12	24
Fuel Consumption									
100 % Prime Load	L / H	5,2	6,1	8,1	9,3	10,4	11,3	14,5	17,8
75 % Prime Load	L / H	3,9	4,5	6,4	6,8	7,5	8,4	11	13,3
50 % Prime Load	L / H	2,8	3,2	4,7	4,6	5,2	5,7	7,7	9,2
Fuel tank Capacity	L	92	92	132	132	132	132	180	180

ALTERNATOR

Alternator Make & Model		STAR							
Alternator Type		Electronic AVR - Brushless							
Standby Power (ESP)	kVA	17	22	33	44	50	55	72	88
Voltage Regulation		+/- 1.0							
Insulation / Protection		H / IP 21							
Pole Quantity		4							

DIMENSIONS AND WEIGHTS

Open Type	WxLxH - mm.	900 x 1750 x 1235	900*1750 x 1235	1000 x 2050 x 1390	1000 x 2050 x 1400	1000 x 2050 x 1400	1000 x 2050 x 1520	1000 x 2400 x 1520	1000 x 2400 x 1520
Weight	KG.	440	485	710	730	750	765	1050	1135
Canopied Type	WxLxH - mm.	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	1000 x 2450 x 1610	1000 x 2880 x 1610	1000 x 2880 x 1610
Weight	KG.	560	605	905	925	945	960	1270	1355

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.