



DEUTZ SERIES 40 - 290 kVA



OUTPUT RATINGS

Model		GSG-40DZ	GSG-60DZ	GSG-72DZ	GSG-110DZ	GSG-150DZ	GSG-165DZ	GSG-275DZ	GSG-290DZ
Standby Power (ESP)	kVA / kW	40 / 32	60 / 48	72 / 58	110 / 88	150 / 120	165 / 132	275 / 220	290 / 232
Prime Power (PRP)	kVA / kW	36 / 29	55 / 44	65 / 52	100 / 80	136 / 109	150 / 120	250 / 200	264 / 211
Voltage - Frequency	V - Hz	400 / 230 V - 50 Hz							
Phase Qty - P.F.	Unit - Cosφ	3 Phase - Cosφ 0,8							

ENGINE DEUTZ

Engine Make & Model		D226B-3D	TD226B-3D	WP4D66E200	WP4D108E200	WP6D140E200	WP6D152E200	BF6M1015-LA-GA	BF6M1015C-LA-G1A
EngineStandby	kW	36,5	55,2	86	108	140	152	231	250
Air Intake System		Natural	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge
Cylinder Volume	L	3,12	3,12	4,5	4,5	6,75	6,75	11,9	11,9
Cylinder Qty / Type		3 / Line	3 / Line	4 / Line	4 / Line	6 / Line	6 / Line	6 / V	6 / V
Bore & Stroke	MM x MM	105 x 120	105 x 120	105 x 130	105 x 130	105 x 130	105 x 130	132 x 145	132 x 145
Compression Ratio		16,4 : 1	15,5 : 1	18 : 1	18 : 1	18 : 1	18 : 1	16,5 : 1	16,5 : 1
Governing Type		Mechanic	Electronic	Mechanic	Electronic	Electronic	Electronic	Electronic	Electronic
Engine Speed	RPM	1500							
Cooling Method		Water-cooled							
Cooling Sys. Capacity	L	28	28	15,3	16,3	28	28	62	62
Oil Capacity	L	7,25	7,25	10	10	16	16	38	38
Electrical System	V DC	12	12	24	24	24	24	24	24
Fuel Consumption									
100 % Prime Load	L / H	7,56	12,35	16,4	22,29	30,04	32,64	48,53	53,2
75 % Prime Load	L / H	5,69	9,26	12,33	16,68	23,01	24,56	36,4	39,9
50 % Prime Load	L / H	3,92	6,54	9,7	11,38	15,09	16,65	24,26	26,6
Fuel tank Capacity	L	132	132	180	280	280	280	565	565

ALTERNATOR

Alternator Make & Model		STAR							
Alternator Type		Electronic AVR - Brushless							
Standby Power (ESP)	kVA	40	60	72	110	150	165	275	290
Voltage Regulation		+/- 1.0							
Insulation / Protection		H / IP 21							
Pole Quantity		4							

DIMENSIONS AND WEIGHTS

Open Type	WxLxH - mm.	1000 x 2050 x 1390	1000 x 2050 x 1520	1000 x 2400 x 1520	1050 x 2700 x 1520	1050 x 3100 x 1690	1050 x 3100 x 1690	1400 x 3000 x 2270	1400 x 3000 x 2270
Weight	KG.	735	820	1095	1195	1500	1500	2095	2095
Canopied Type	WxLxH - mm.	1000 x 2450 x 1610	1000 x 2450 x 1610	1000 x 2880 x 1610	1050 x 3180 x 1870	1050 x 3580 x 1870	1050 x 3580 x 1870	1400 x 3300 x 2585	1400 x 3300 x 2585
Weight	KG.	930	1015	1315	1435	1760	1760	2480	2480

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.