



TECHNICAL SPECIFICATIONS Sheet 3 - 150 to 350 BHP

Generator model (LN version)			E- 154	SE- 154	E- 204	SE- 204	E- 254	SE- 254	E- 304	SE- 304	E- 354	SE- 354									
Net output	Maximum load	kW	1472	1472	1962	1962	2453	2453	2943	2943	3434	3434									
	Modulation range	%	25-100	25-100	20-100	20-100	20-100	20-100	20-100	20-100	20-100	20-100									
Equivalent maximum output saturated steam (*)		kg/h	2349	2349	3131	3131	3914	3914	4697	4697	5480	5480									
Nominal operating steam pressures		bar(g)	Up to 150 bar(g) depending on model and application																		
Standard installed electrical motor power (230/400/415/440 VAC - 50/60 Hz)	Water pump (****)	kW	4	4	5,5	5,5	7,5	7,5	7,5	7,5	11	11									
	Blower	kW	5,5	5,5	5,5	5,5	7,5	7,5	11	11	15	15									
Combustion efficiency (**)	Fuel type (G(gas)/O(light oil))		G	O	G	O	G	O	G	O	G	O	G	O							
	@ Maximum load	%	93	93	95	95	92	93	94	95	92	93	94	95	94	95	91	92	93	94	
	@ Minimum load	%	96	97	96	97	95	95	96	97	95	95	96	97	95	95	96	97	94	95	96
Consumption @ Full load	Gas - LCV = 37000 kJ/Nm ³	Nm ³ /h	154	151	207	203	259	254	311	305	367	359									
	Light oil - LCV = 42700 kJ/kg	kg/h	133	131	178	174	222	218	267	261	315	308									
Water content (generator water/steam system)	Filled	L	595	734	595	734	595	734	810	949	810	949									
	In operation	L	315	460	300	450	288	431	400	530	380	520									
Heating surface		m ²	43,2	61,4	43,2	61,4	43,2	61,4	56,1	74,3	56,1	74,3									
Minimum gas pressure required @ inlet (***)		mbar(g)	160-240	160-240	210-360	210-360	190-280	190-280	230-365	230-365	280-450	280-450									
Overall generator dimensions (approx.)	Length	mm	2648	2648	2648	2648	2648	2648	2842	2842	2842	2842									
	Width	mm	1877	1877	1877	1877	1877	1877	2159	2159	2159	2159									
	Height - standard	mm	3172	3770	3172	3770	3172	3770	3417	4015	3417	4015									
	- with FGR	mm	3474	4072	3474	4072	3474	4072	3739	4337	3739	4337									
Weight		kg	2950	3550	2950	3550	2950	3550	3700	4300	3700	4300									
		kg	2950	3550	2950	3550	2950	3550	3700	4300	3700	4300									
Overall pump skid dimensions (approx.)	Length	mm	1345	1345	1350	1350	1350	1350	1350	1350	1350	1350									
	Width	mm	680	680	820	820	820	820	820	820	820	820									
	Height	mm	1025	1025	1155	1155	1155	1155	1155	1155	1155	1155									
	Weight	kg	325	325	400	400	400	400	400	400	400	400									
Generator stack connection (outer diameter)		mm	560	560	560	560	716	716	716	716	716	716									

NOTES

- (*) @ 1 bara (absolute) with feed water temperature of 100 °C
- (**) based on feed water temperature of 60 °C
- (***) to be provided by customer (based on 100% capacity; based on LHV between 31,8 and 37,3 MJ/Nm³) - (Note: gas train design pressure is 500 mbar)
- (****) motor power may vary due to feed water pressure.

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