

TECHNICAL SPECIFICATIONS - 10 to 185 BHP

GENERATOR MODEL			UNIT	E-10		E-15		E-20		E-26	E-40		SE-40	E-50	SE-50	E-60	SE-60	E-80	SE-80	E-100	SE-100	E-125	SE-125	E-185	SE-185							
NET OUTPUT	MAXIMUM LOAD	kW	98		147		196		255		392		392	490	490	589	589	785	785	981	981	1226	1226	1815	1815							
	FIRING STEPS	%	ON/OFF burner										50 / 100		50 / 100		50 / 100		50 / 100		50 / 100		50 / 100		50 / 100		50 / 100					
EQUIVALENT MAXIMUM OUTPUT SATURATED STEAM (*)		kg/h	0		235		313		407		626		626	783	783	939	939	1253	1253	1566	1566	1957	1957	2897	2897							
NOMINAL OPERATING STEAM PRESSURES UP TO: (**)		barg	13		13		13		13		17		17	17	17	58	58	58	58	58	58	58	58	58	58							
STANDARD INSTALLED ELECTRICAL MOTOR POWER (230/400/415/440 VAC - 50/60 Hz)	WATER PUMP	kW	0,37		0,37		0,55		0,55		2,4		2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	4,2	4,2	5,5	5,5							
	BLOWER	kW	1,5		1,5		1,5		1,5		1,5		1,5	1,5	1,5	4	4	5,5	5,5	5,5	5,5	5,5	5,5	11	11							
COMBUSTION EFFICIENCY(*)	FUEL TYPE: G(Gas) O (Light Oil)		G	O	G	O	G	O	GAS		G	O	G	O	GAS	GAS	G	O	G	O	G	O	G	O	G	O						
	@ 100% STEP		94	93	91	92	92	92	90		91	92	94	95	88	93	91	91	94	94	92	93	95	96	91	92	94	95	90	91	94	94
	@ 50% STEP	%	ON/OFF burner										94	95	96	96	93	95	94	93	95	95	95	97	97	94	95	96	97	94	94	96
CONSUMPTION @ FULL LOAD	GAS - LCV 37000 kJ/Nm³	Nm³/h	10,2		15,7		20,7		27,6		42,0		40,6	54,2	51,3	62,9		60,9	83,0	80,4	103,7	100,5	131,1	126,9	196,2	187,8						
	LIGHT OIL - LCV 42700 kJ/kg	kg/h	8,9		13,5		18,0		27,6		36,0		34,8	54,2	51,3	54,5		52,8	71,1	68,9	88,9	86,1	112,4	108,8	168,1	162,8						
WATER CONTENT (generator water/steam system)	FILLED	L	24		24		50		50		65		76,5	65	76,5	104	130	192	235	192	235	192	235	296	367							
	IN OPERATION	L	9,1		9,1		14		13		20		30,4	20	30,4	25	33	47	61	47	61	47	61	84	108							
HEATING SURFACE		m²	4,5		4,5		5,1		5,1		7,8		11	7,8	11	10,7	15,8	19,1	27,5	19,1	27,5	19,1	27,5	25,1	37,1							
GAS PRESSURE REQUIRED @ INLET (****)		mbarg	25		25		25		25		25		25	25	25	25	25	25	25	25	25	25	25	25	25							
OVERALL GENERATOR DIMENSIONS (approx.)	LENGTH	gas	mm		1325		1325		1325		1325		1520	1520	1520	1520	1846	1846	2030	2030	2030	2030	2030	2030	2185	2185						
		oil	mm		1325		1325		1325		1325		1520	1520	1520	1520	1570	1570	1755	1755	1755	1755	1755	1755	1885	1885						
	WIDTH	gas	mm		960		960		1045		1045		945	945	945	945	1240	1240	1300	1300	1300	1300	1300	1300	1415	1415						
		oil	mm		835		835		925		925		945	945	945	945	1240	1240	1300	1300	1300	1300	1300	1300	1415	1415						
	HEIGHT	gas - oil	mm		1470		1470		1890		1890		2150	2465	2150	2450	2320	2320	2405	2700	2405	2700	2405	2700	2515	2935						
	WEIGHT (empty)	gas	kg		390		390		450		450		660	790	660	790	1000	1070	1725	1980	1725	1980	1725	1980	2000	2315						
		oil	kg		390		390		450		450		660	790	660	790	965	1035	1725	1980	1725	1980	1725	1980	1910	2225						
	OVERALL PUMP SKID DIMENSIONS (approx.)	LENGTH	mm	500		500		515		515		930		930	930	930	1345	1345	1345	1345	1345	1345	1345	1345	1350	1350						
WIDTH		mm	375		375		465		465		630		630	630	630	680	680	677	677	677	677	677	677	820	820							
HEIGHT		mm	650		650		650		650		1065		1065	1065	1065	1065	1025	1025	1025	1025	1025	1025	1025	1155	1155							
WEIGHT		kg	40		40		40		40		180		180	180	180	325	325	325	325	325	325	325	325	400	400							
GENERATOR STACK CONNECTION (outer diameter)			mm	202		202		202		202		305		305	305	305	381	381	457	457	457	457	457	457	559	559						

NOTES

(*) @ 1 bara (absolute) with feed water temperature of 100 °C

(**) Available as standard. Higher pressure(s) available on request.

(***) based on feed water temperature of 60 °C

(****) to be regulated by customer, based on 100% capacity and GAS-LCV as shown above.

TS-10 to 185 Rev A