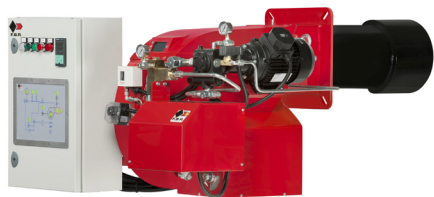




LIGHT OIL BURNERS 2 STAGE SLIDING OR MODULATING from 534 up to 6523 kW



Burners for diesel two stages progressive (hi-low flame) or modulating (PID fully modulating) with the addition of the optional system modulation kit plus feeder. Fan at high pressurisation, combustion head with adjustment at high efficiency and high flame stability.

Disposition rationalized of the components with accessibility facilitated for the operations of setting and maintenance.

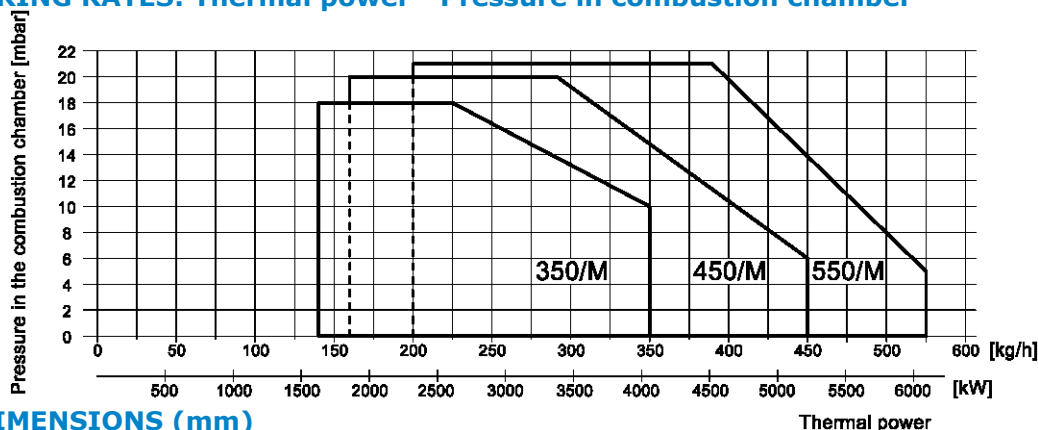
Complete of gasket for installation on boiler, industrial nozzle with return, flexible pipes, line filter.

TECHNICAL DATA

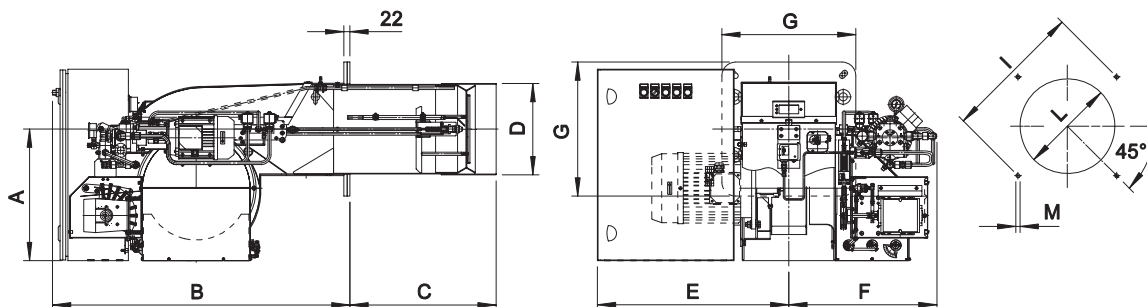
MODEL		FGP 350/M	FGP 450/M	FGP 550/M
Flow min-max*	kg/h	46/140-350	53/160-450	66/200-550
Thermal power min-max*	Mcal/h	460/1400-3500	530/1600-4500	660/2000-5500
	kW	534/1660-4151	615/01898-5337	766/2372-6523
Fuel	LIGHT OIL 1.5°E to 20°C = 6.2 cSt = 35 sec Redwood N°1			
Intermittent working operation (min. 1 stop every 24 hours) two stage sliding or modulating				
Environmental conditions operation/storage	-15...+40°C/-20...+70°C, rel. humidity max 80%			
Max temperature combustion air	°C	60	60	60
Nominal electric power	kW	11	13	21
Motor fan	kW	9	11	18.5
Motor pump	kW	2.2	2.2	2.2
Nominal absorption powers	A	19	21.7	36
Nominal absorption auxiliary	A	0.6	0.6	0.6
Power supply	three-phase 230/400V 50Hz (+10%-15%)			
Degree of electric protection		IP44	IP44	IP44
Noisiness** min-max	dB(A)	86-86	88-89	89-90
Weight burner**	kg	230	240	287

* Reference conditions: Environment temperature 20°C - Barometric pressure 1013 mbars - Altitude 0 mt (sea level)
** Measured soundous pressure in the combustion lab, with functional burner on beta boiler in a distance of 1 m.

FIRING RATES: Thermal power - Pressure in combustion chamber



DIMENSIONS (mm)



* Suggested dimension of connection between burner and generator

MODEL	A	B	C	D	E	F	G	I			L			M
								min	*	max	min	*	max	
FGP 350/M	481	1090	535	334	600	540	490	552	552	580	350	350	450	M14
FGP 450/M	481	1090	560	380	600	540	490	552	552	580	390	390	450	M14
FGP 550/M	481	1090	560	380	600	540	490	552	552	580	390	410	450	M14

Le illustrazioni e i dati riportati sono indicativi. F.B.R. Bruciatori S.r.l. si riserva il diritto di apportare, senza obbligo di preavviso, tutte le modifiche opportune, per l'evoluzione dei propri prodotti.
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