

NOx 가 /

▶ RLS/BP MX SERIES

▶ RLS 300/BP MX 600/1250 + 3650 kW

▶ RLS 400/BP MX 1000/2000 + 4500 kW



RLS/BP MX

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510,000kcal /hr

4,700,000kcal /hr

PID

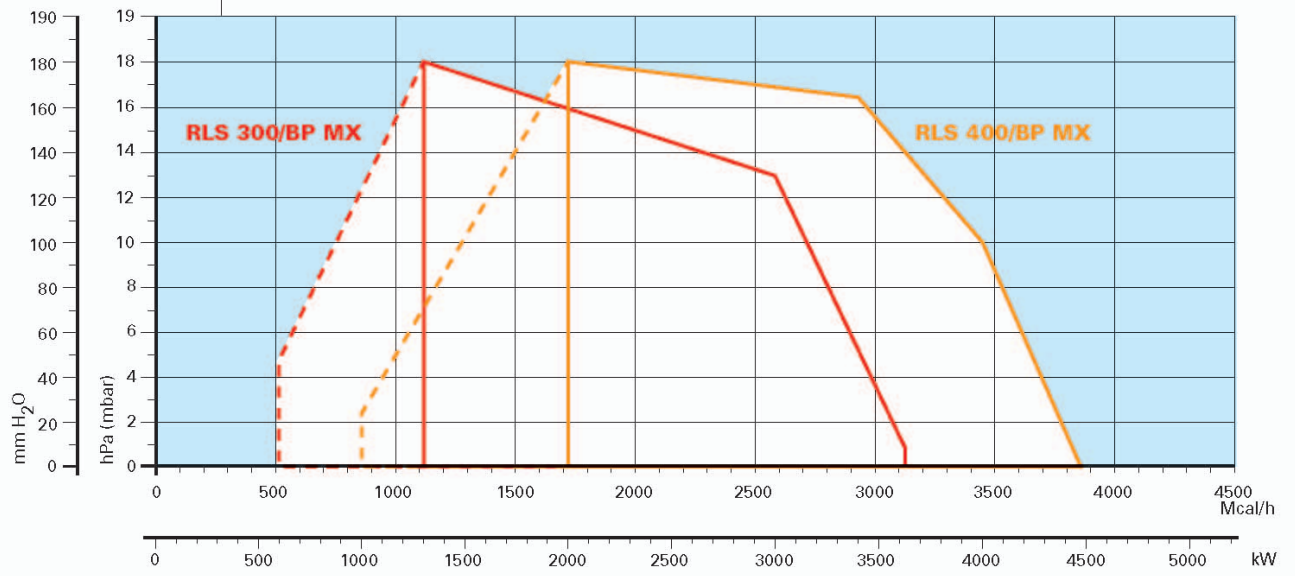
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NOx 40ppm/Nhr3

Model			▼ RLS 300/BP MX	▼ RLS 400/BP MX
Burner operation mode			two stages light oil - two stages progressive/modulating gas	
Modulation ratio at max. output			1 + 3 (light oil) / 1 + 4 (gas)	
Servomotor	run time	type	SQM 10	
		s		
Heat output		kW	600/1250 ÷ 3650	1000/2000 ÷ 4500
		Mcal/h	516/1075-3139	860/1720-3870
Working temperature			°C min./max. 0/60	
Light Oil	net calorific value	kWh/kg	11,86	
	density	kg/l	0,82	
	viscosity at 20°C	mm <sup>2</sup> /s (cSt)	4-6	
	delivery	kg/h	50/105-308	84/169-380
Pump		type	TA2	
	delivery	kg/h	340 (20 bar)	
Atomised pressure			bar 12	
Fuel temperature			max. °C 50	
Fuel pre-heater			NO	
G20	net calorific value	kWh/Nm <sup>3</sup>	10	
	density	kg/Nm <sup>3</sup>	0,71	
	gas delivery	Nm <sup>3</sup> /h	60/125-365	100/200-450
G25	net calorific value	kWh/Nm <sup>3</sup>	8,6	
	density	kg/Nm <sup>3</sup>	0,78	
	gas delivery	Nm <sup>3</sup> /h	70/145-424	116/232-523
LPG	net calorific value	kWh/Nm <sup>3</sup>	--	
	density	kg/Nm <sup>3</sup>	--	
	gas delivery	Nm <sup>3</sup> /h	--	
Fan			type reverse blade fan wheels	
Air temperature			max °C 60	
Electrical supply			Ph/Hz/V 3/50/230-400 (±10%)	3/50/400 (±10%)
Auxiliary electrical supply			Ph/Hz/V 1/50/430 (±10%)	
Control box			type LFL 1.333	
Total electrical power			kW 6	9
Auxiliary electrical power			kW 1,5	1,5
Heaters electrical power			kW --	
Protection level			IP 54	
Pump motor electrical power			kW 1,1	
Rated pump motor current			A 3,7	
Pump motor start up current			A 24	
Pump motor protection level			IP 55	
Fan motor electrical power			kW 4,5	7,5
Rated fan motor current			A 9,1-15,8	17,5 - 30
Fan motor start up current			A 51-86	113 - 195
Fan motor protection level			IP 55	
Ignition transformer			type N.A.	
			V1 - V2 230 V - 2 x 5 kW	
			I1 - I2 1,9 A - 35 mA	
Working			intermittent (1 stop each 24 h)	
Sound pressure			dB (A) 83	85
Sound power			W N.A.	
Light Oil	CO emission	mg/kWh	< 10	
	grade of smoke indicator	N° Bacharach	< 2	
	CxHy emission	mg/kWh	< 2	
	NOx emission	mg/kWh	< 185	
G20	CO emission	mg/kWh	< 10	
	NOx emission	mg/kWh	< 80	
Directive			90/396 - 89/336 - 73/23 EEC	
Conforming to			EN 267 - EN 676	
Certification			CE in progress	

Reference conditions: Temperature: 20°C - Pressure: 1000 mbar - Altitude: 100 m a.s.l. - Noise measured at a distance of 1 meter.



 Useful working field for choosing the burner

 Modulation range

**Test conditions conforming to EN 676:**

Temperature: 20°C  
 Pressure: 1000 mbar  
 Altitude: 100 m a.s.l.



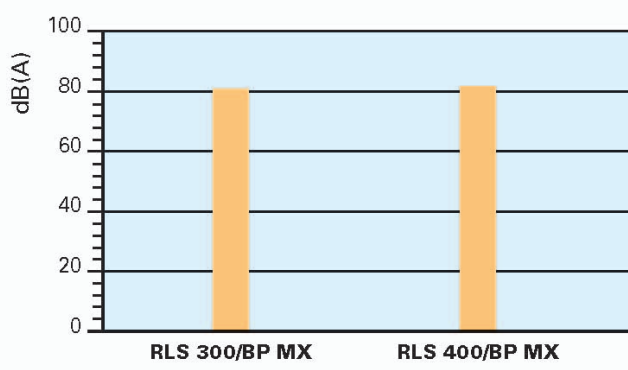
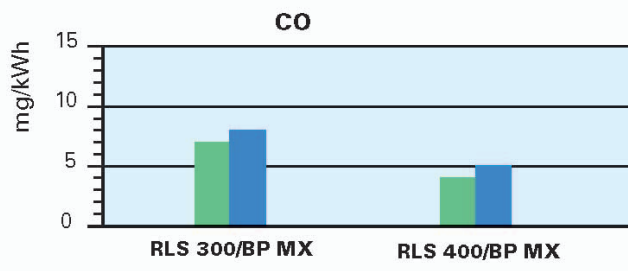
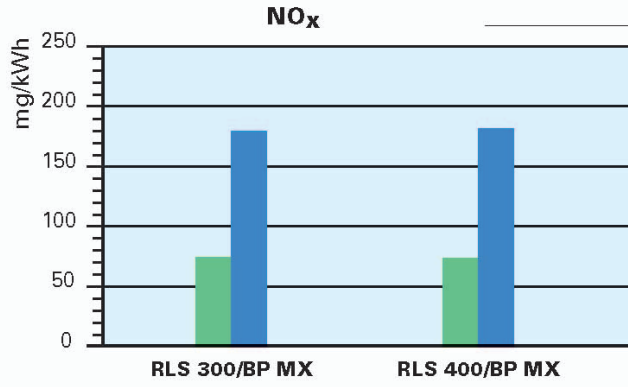


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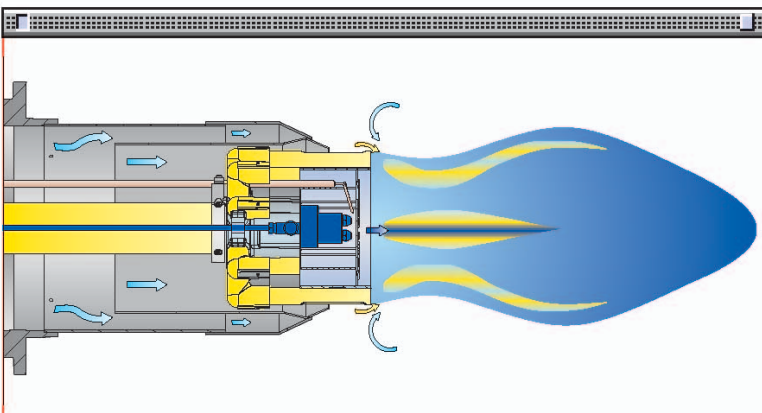
EN 676

EN 267



RLS/BP MX

RLS/BP MX



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NO<sub>x</sub>

40ppm/Ntr3  
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