

# SERIES S MECHANICAL COMPRESSORS

## COMPRESSORS PHYSICAL DESCRIPTION



**S SERIES**

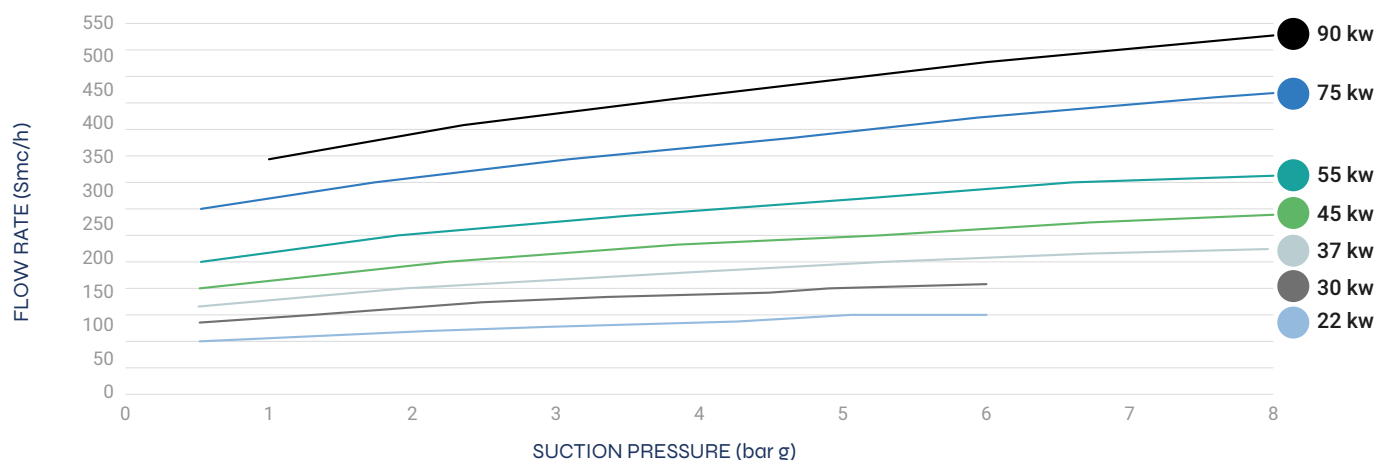
Small/medium size mechanical compressors suitable for:

- **Public and private stations featured by low suction pressure and low hourly flow rates**
- **Small biomethane plants**

### Datasheet (table)

DATA	UNIT OF MEASURE	VALUES
MODELS	-	S7, S9
CYLINDER	No.	4
STAGES	No.	4
SUCTION PRESSURE	bar (psi)	0.3 ÷ 8 (4 ÷ 120)
DISCHARGE PRESSURE	bar (psi)	200 ÷ 300 (2,900 ÷ 4,350)
MAX FLOW-RATE	Scm/hr (SCFM)	700 (413)
POWER	kW (Hp)	22 ÷ 90 (29.5 ÷ 120)
SPEED	rpm	750 ÷ 1,500
MAINTENANCE PLAN	hours	4,000
GAS HANDLED	-	Natural gas
CYLINDER FEATURES	-	Air cooled, non-lubricated
LUBRICATION SYSTEM	Liters	Forced lubrication system, with recovery (oil circuit)
OIL CONSUMPTION	%	2 over 100 hours of operation
GAS LEAKAGES	-	0.1% of the rated capacity
CERTIFICATIONS	-	EC/EAC-US

### Performance graph



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