

SERIES SWSE MECHANICAL COMPRESSORS

COMPRESSORS PHYSICAL DESCRIPTION

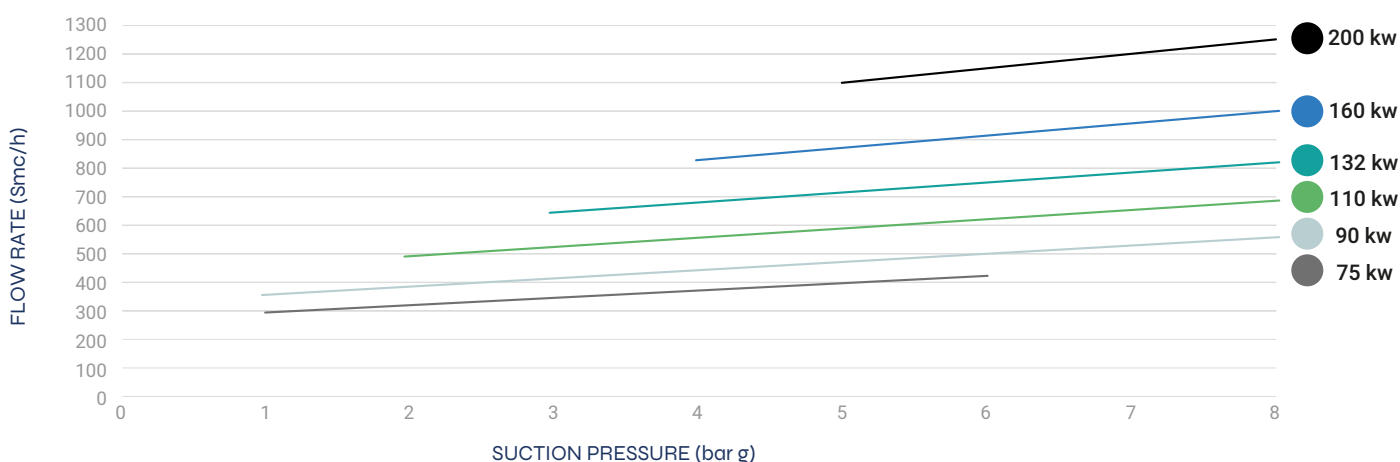


Large/medium size mechanical compressors equipped with 2 or 3 cylinders positioned at 60°. SWSE series compressors compared to SW are equipped with single-effect cylinders that allow easier maintenance, reducing operating costs. These compressors are suitable to operate with low suction pressures.

Datasheet (table)

DATA	UNIT OF MEASURE	VALUES
MODELS	-	C90, C110
CYLINDER	No.	3
STAGES	No.	4
SUCTION PRESSURE	bar (psi)	1 ÷ 8 (14.5 ÷ 120)
DISCHARGE PRESSURE	bar (psi)	200 ÷ 300 (2,900 ÷ 4,350)
MAX FLOW-RATE	Scm/hr (SCFM)	1,300 (770)
POWER	kW (Hp)	75 ÷ 200 (100 ÷ 270)
SPEED	rpm	750 ÷ 1,500
MAINTENANCE PLAN	hours	4,000
GAS HANDLED	-	Natural gas
CYLINDER FEATURES	-	Water cooled, non-lubricated
LUBRICATION SYSTEM	-	Crankcase forced lubrication system
OIL CONSUMPTION	Liters	2 over 100 hours of operation
GAS LEAKAGES	%	0.1% of the rated capacity
CERTIFICATIONS	-	EC/EAC -US

Performance graph



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