

ICP SERIES Claw Compressors



ICP- 60, 100



Dry Running - Oil Free – Contact Free Design

- **Simple Modular Construction**
- **Air cooled & Direct Driven**
- **Low maintenance – No wear**
- **High Efficiency – Continuous Duty**

Applications:

Transport, Pneumatic Conveying, Environmental systems, Air Sparging Applications, Fishing Farm, Central Pressure System.

Safety: CE certified (DOC)



General Description:

The ICP Series compressors are identical in internal construction to VCX pump, but are outfitted with different inlet and outlet accessories to allow for operation as a compressor. For reduction of noise, inlet silencer is installed in inlet side. For a protection of overload, a pressure safety valve or regulating valve is installed in exhaust side. The compressors are directly driven by a flanged motor via a coupling.

Specifications:

Model		ICP 60	ICP 100		
M3/ Hour	60Hz	68	120		
	50Hz	56	100		
Press. Conti., Bar	60Hz	2	~	1.4	2.2
	50Hz	2	0.8	1.4	2.2
Kw	60Hz	3.6	~	4.8	6.5
	50Hz	3	3	4	5.5
RPM - 60/50Hz	RPM	3450 / 2850			
Voltage, Available	V	208~230/460V, 220~240 / 380~420V, 400/690V			
dB(A), Max	60Hz	79	83		
+ - 3 tolerance	50Hz	78	81		
Oil Capa (Gear box)	Ltr	0.6	0.75		
Inlet / Outlet Conn.	**BSP(G)	1"	1-1/2"		
W x H (mm)		297X461	488 x 618/673^ (5.5kw+)		
L* (mm)	60Hz	806	-	778	778
	50Hz	781	717	742	778
Amb. Operating Temp	(°C)	5°C ~40°C			
Approx. *Weight (Kg).	60Hz	75	~	135	150
	50Hz	69	108	120	140
Accessories	Pressure Regulator, Safety Valve, Inlet Silencer, and Inlet Filter				

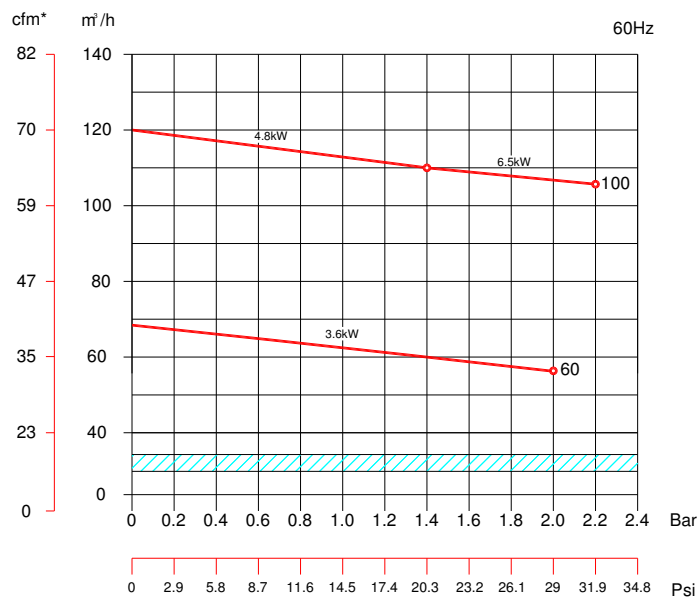
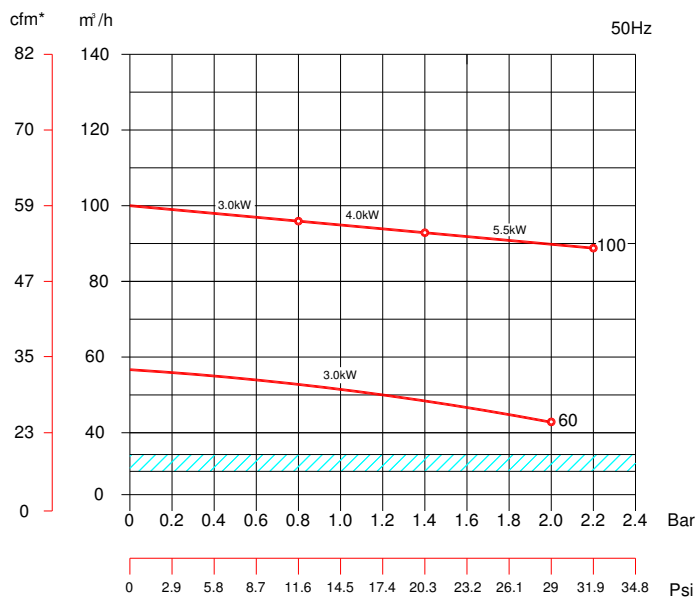
Note: 1) * Length varies to motor mfg 2) **NPT threads available upon request



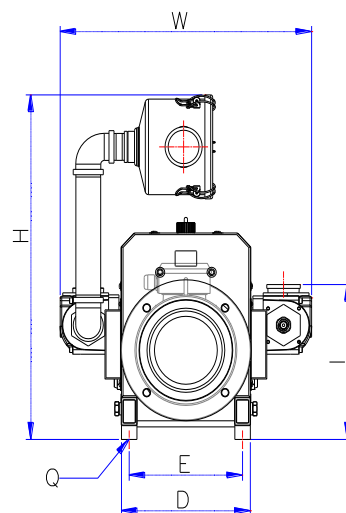
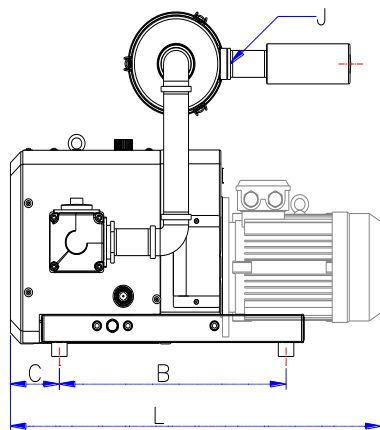
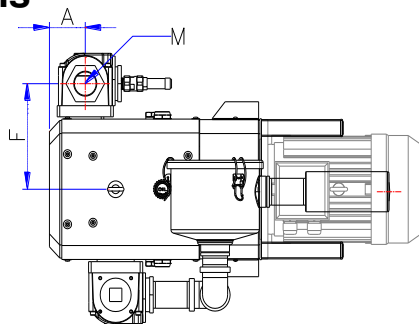
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Performance Curve



Dimensions



DIMENSIONS	L	W	H	B	C	E	D	F	A	I	J	M	Q
PCX-60, (3, 3.6kW)	781/806	297	461	278	96	144	174	23	83	164	1-1/4"	1"	4XM8
PCX-100, (3, 4, ~4.8~6.5kW)	717/742/~778	488	618/~673	440/~640	97	220	270	190	69	283/~333	1-1/2"	1-1/2"	4XM10