

ICP- 155, 255, 305, 405 & 515

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 155		ICP 255				ICP 305			ICP 405				ICP 515			
M3/ Hour	60Hz	180		300				360			480				600			
	50Hz	150		250				300			400				500			
Press. Conti., Bar	60Hz	1	2	0.8	1.4	1.8	2.2	~	1.2	2.2	0.6	1.2	1.6	2	0.8	-	1.6	2
	50Hz	1	2	1	~	2	~	0.6	1.4	2.2	0.8	1.4	1.8	2	0.8	1.2	1.6	2
Kw	60Hz	6.5	9	9	11	13	15	~	13	18	13	18	22	26	18	-	26	36
	50Hz	6.5	7.5	7.5	~	11	~	7.5	11	15	11	15	18.5	22	15	18.5	22	30
RPM - 60/50Hz	RPM	3450 / 2850																
Voltage, Available	V	208~230/460V, 220~240 / 380~420V, 400/690V																
dB(A), Ave	60Hz	82		82				82			83				83			
	50Hz	80		79				79			81				81			
Oil Capa (Gear box)	Ltr	0.5		0.9							1.8							
Inlet / Outlet Conn.	**BSP(G)	1-1/2"		2"							3"							
W x H (mm)		431 x 403		573 x 757				573 x 757			672 x 1003				672 x 1003			
L* (mm)	60Hz	903	941	1001	1171	1171	1171	~	1183	1183	1274	1274	1340	1395	1289	~	1410	1410
	50Hz	903	903	961	~	1171	~	973	1183	1183	1274	1274	1274	1340	1289	1289	1355	1410
Amb. Operating Temp	(°C)	5°C ~40°C																
Accessories		Pressure Regulator, Safety Valve, Inlet Silencer, and Inlet Filter																

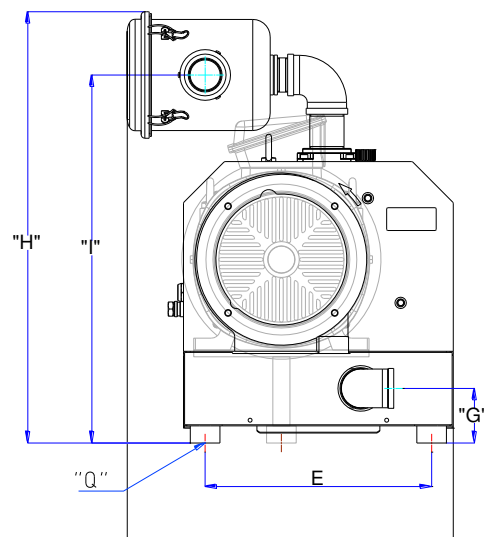
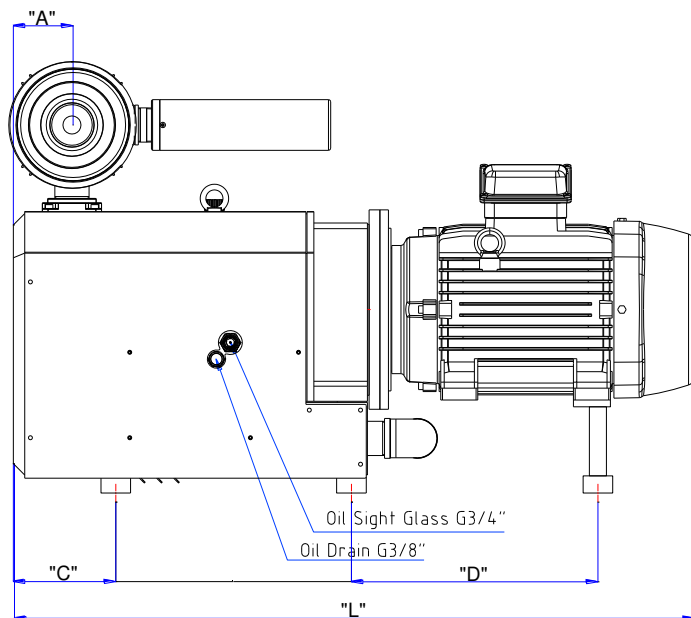
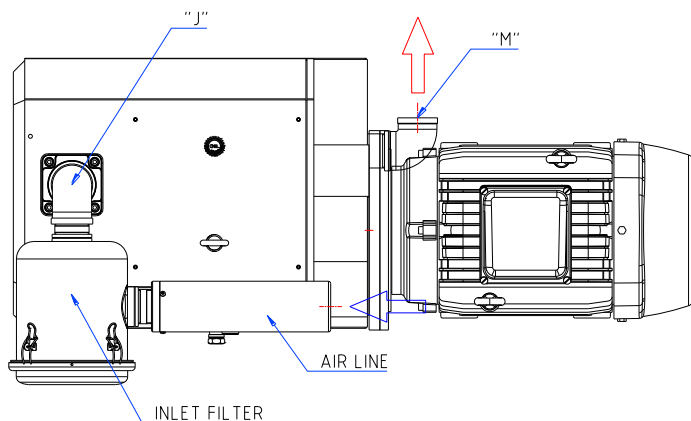
Note: 1) * Length varies to motor mfg 2) **NPT threads available upon request

ICP SERIES Claw Compressors



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Dimensions



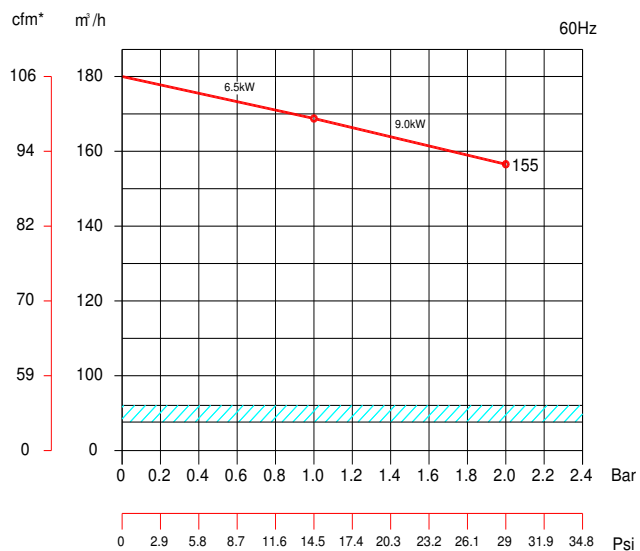
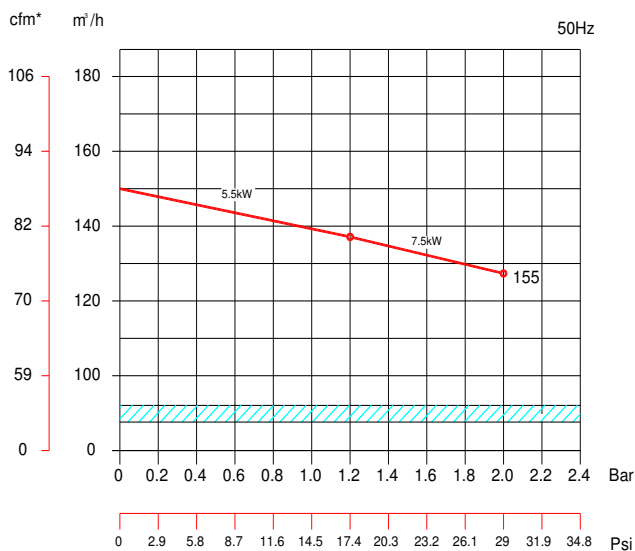
Dimensions (mm)		L	W	H	A	B	C	D	E	G	I	J	M	Q
ICP-155	5.5Kw, 6.5Kw, 7.5Kw / 9.2Kw	903 / 941	431	643	136	380	113	556	356	89	550	1-1/2"	1-1/2"	M10 Tap
ICP-255	7.5Kw / 9.2Kw / 11Kw, 15Kw	961 / 1001 / 1171	573	757	103	490	166	/ / 379	398	96	646	2"	2"	M10 Tap
ICP-305	7.5Kw / 11Kw, 15Kw, 18.5Kw	973 / 1183	573	757	103	490	180	/ / 379	398	96	646	2"	2"	M10 Tap
ICP-405	11Kw, 15Kw, 18.5Kw / 22Kw / 30Kw	1274 / 1340 / 1394	672	1003	179	502	222	/ 346 / 514	460	138	753	3"	3"	M12 Tap
ICP-515	15Kw, 18.5Kw / 22Kw / 30Kw, 37Kw	1289 / 1355 / 1410	672	1003	179	502	238	/ 346 / 514	460	138	753	3"	3"	M12 Tap

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Performance Curve – 155



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