



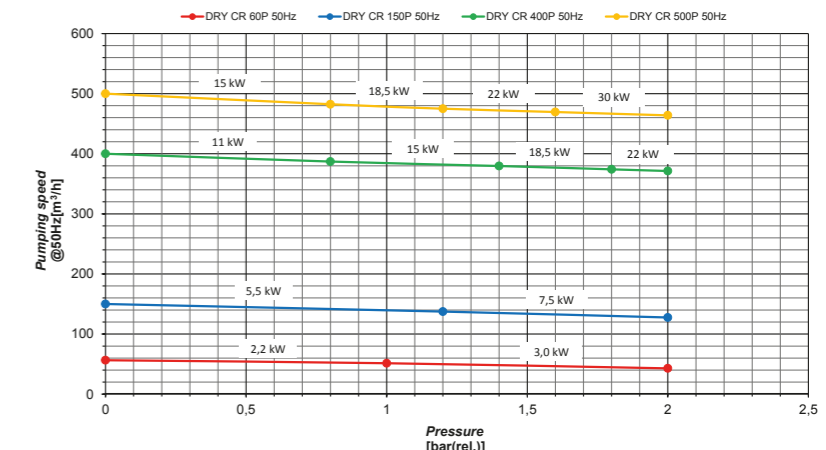
## DRY C P - CR P / DRY CLAW COMPRESSORS

[www.diprax.es](http://www.diprax.es)

# DRY C P - CR P Series

## Dry claw compressors

DRY C series have been designed for those applications where the handled medium must remain contaminant free during the process. The absence of wear parts in these pumps offer considerable savings in maintenance and associated downtime.



### Applications

- Bottle fillings
- Milk production
- Evisceration systems
- Pneumatic conveying plants
- Granule conveying systems
- Plastic extruders
- Pick & place systems
- Hospital central vacuum
- Ozone generators

- CNC routers
- Glass, ceramic and pottery industry
- Water and soil remediation
- Printing machines
- Central vacuum systems

### Optional and accessories

- VFD- inverter
- Suction filter
- Vacuum regulating valve
- Safety valve
- Silencer

NEXT GENERATION

		DRY C 100 P				DRY C 157 P					DRY C 300 P			
Nominal pumping speed	m <sup>3</sup> /h	100				150					300			
		120				180					360			
Ultimate pressure (G.)	bar	0.6	1	1.5	2.3	0.60	0.85	1.2	2.0	2.45	0.5	0.75	1.2	2.1
		0.5	0.8	1.2	2.1	0.65	1.2	2.0			0.45	0.65	1.1	1.8
Noise level	dB(A)	76				78					80			
		78				80					84			
Motor power	kW	2.2	3	4	5.5	3	4	5.5	7.5	9.2	5.5	7.5	11	15
		3	4	5.5	7.5	4	7.5	9.2			7.5	9.2	15	18.5
Motor speed	rpm	3000				3000					3000			
		3600				3600					3600			
Dimensions	L mm	723	744	771	771	926	943	1005	1044	1044	892	912	1055	1055
	B x H mm	723	744	771	771	943	1044	1044			912	950	1055	1055
		424X402				400X668					738x530			

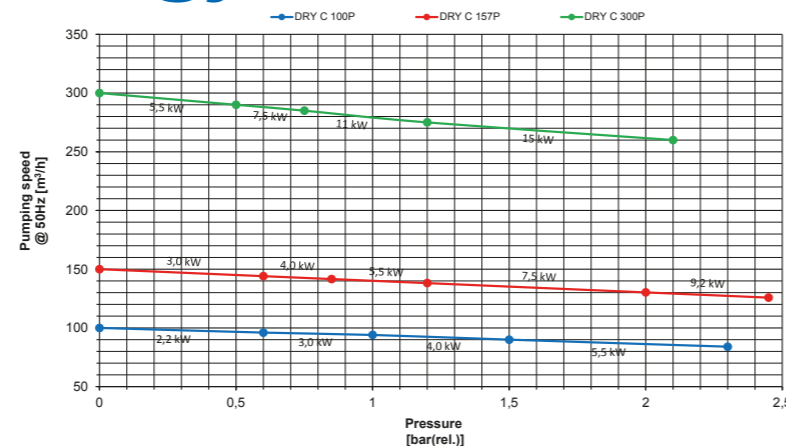
DRY CR 500 P

		DRY CR 60 P		DRY CR 150 P		DRY CR 400 P				DRY CR 500 P			
Nominal pumping speed	m <sup>3</sup> /h	56		150		400				500			
		68		180		480				600			
Ultimate pressure (G.)	bar	2	2	1.2	2	0.8	1.4	1.8	2	0.8	1.2	1.6	2
		2	2	1.2	2	0.6	1.2	1.6	2	0.8	-	1.6	2
Noise level	dB(A)	78	80	80	80	81				81			
		79	82	82	82	82				83			
Motor power	kW	3	7.5	5.5	7.5	11	15	18.5	22	15	18.5	22	30
		4	9.2	7.5	9.2	15	18.5	22	30	18.5	-	30	37
Motor speed	rpm	2850		2850		2850				2850			
		3450		3450		3450				3450			
Dimensions	L mm	781	903	903	903	1274	1274	1274	1340	1289	1289	1355	1410
	B x H mm	806	903	941	941	1274	1274	1340	1395	1289	-	1410	1410
		297x461		435x643		672x1003				672x1003			

## Dry claw technology

Designed to avoid contaminating applications and processes. These compressors are suitable for any application even in the most challenging conditions thanks to their robustness, simplicity and contaminant handling capability.

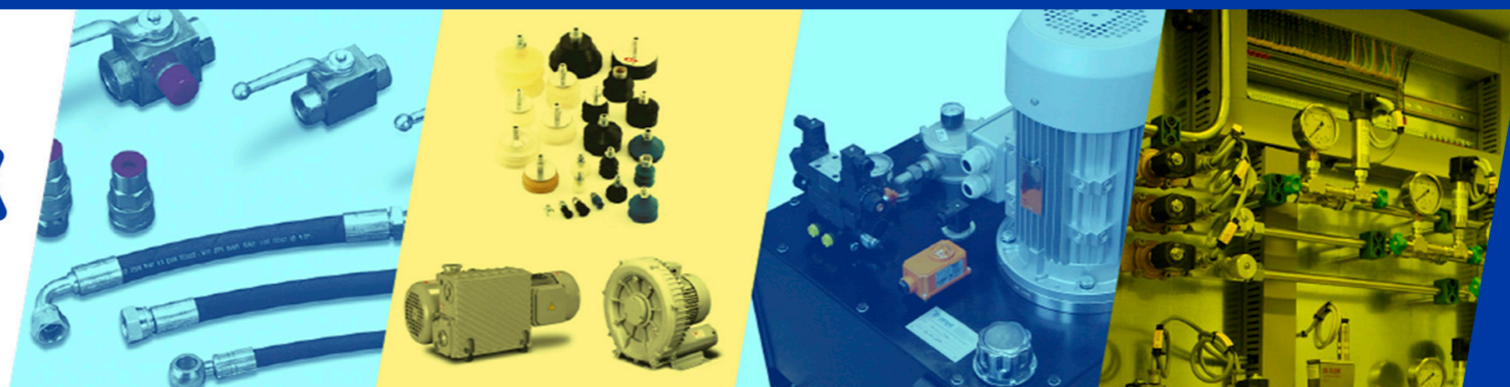
Dry C guarantees minor lifecycle costs, high productivity, low energy consumption, simple operation and control, maintenance free.




## HCT version

The HCT version of the DRY C P series compressors consists of a surface treatment of the rotors to increase the resistance to water vapour and corrosion. The special treatment and the absence of wear parts allow considerable savings in terms of both maintenance and machine downtime.





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