NCP Series Dry Claw Compressors

Models: NCR-60, NCR-100-7.5, NCR-100-10, NCR-105-7.5, NCR-105-10, NCR-155-10, NCR-155-12.5, NCR-255-12.5, NCR-255-15, NCR-255-20, NCR-305-15, NCR-305-20, NCR-305-25, NCR-305-25, NCR-405-20, NCR-405-25, NCR-405-30, NCR-405-40, NCR-515-25, NCR-515-40, NCR-515-50



Description: Dry Claw Compressor

Models: NCR-60, NCR-100, NCR-105, NCR-155,

NCR-255, NCR-305, NCR-405, NCR-515

Power Range: 5 – 50 HP Ultimate Pressure: 31.9 PSIG

OVERVIEW

NES Company is proud to offer our NCR Series Dry Claw Compressors, factory performance tested with a 1-year warranty against manufacturer's defects.

DESCRIPTION

NES Company Inc. introduces our latest line of compressors, the NCR Series. The NCR dry claw compressor series is able to generate up to 31.9 PSIG in a continuous process at flow rates up to 353 CFM.

The NCR Series is carefully engineered and assembled with tight tolerances. Dry claw compressors are among the most efficient examples of compression technology in the modern world, both in terms of compression ratio and in terms of pure volumetric efficiency. Experience the difference that the NES Company NCR Series dry claw compressors provide for reliable, efficient, moderate compression operations.

FEATURES

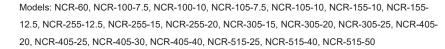
- Pumping and gear chambers separated via labyrinth seals
- Synchronized timing gears within gear chamber for precision claw operation.
- Built-in anti-suck back valve prevents backflow upon shutdown.
- Inlet silencer and inlet filter are included with the base compressor.
- Accessories such as internal coatings, vacuum regulators, and safety valves are available upon request.
- 1-year factory warranty against manufacturer's defects.



NOTES

NES Company is proud to offer our NCR Series Dry Screw Compressors. These dry claw compressors are factory performance tested and include a 1-year warranty against manufacturer's defects. Contact NES Company Inc. today to learn more about the series!

NCP Series Dry Claw Compressors





GENERAL TECHNICAL DATA (60 HZ)

Model*	NCR-60	NCR-100			NCR-105		NCR-155						
CFM	40			7	1		106						
Ult. PSIG Cont.	29		20.3	31.9		20.3	31.9	17.4	29				
HP	5.5	-	7.5	10		7.5	1	0	12.5				
RPM	3450												
Voltage	208-230/460V, 220-240/380-420V, 400/690V												
Db(a)	79		83			80	82						
Oil Cap.	0.63		0.79		0.53								
In/Out BSP**	1"		1½"		1½"								
WxH (in)	12x19	19x25 20x26			18x26								
Length (in)	32		31			36			37				
Amb. Op. T	40-105												
Accessories	Pressure regulator, Safety valve, Inlet silencer, Inlet filter												

Model*	NCR-255				NCR-305			NCR-405				NCR-515				
CFM	177			212			282			353						
Ult. PSIG Cont.	11.6	20.3	24.6	31.9	14.5	26.1	31.9	8.7	17.4	23.2	29	11.6	-	23.2	29	
HP	12.5	15	20		15	20	25	20	25	30	40	25	-	40	50	
RPM	3450															
Voltage	208-230/460V, 220-240/380-420V, 400/690V															
Db(a)	82								83							
Oil Cap.	0.95							1.9								
In/Out BSP**	2"								3"	3"						
WxH (in)	23x30						27x40									
Length (in)	40		47			4	.7	;	51	53	55	51	-	56		
Amb. Op. T	40-105															
Accessories	Pressure regulator, Safety valve, Inlet silencer, Inlet filter															

^{*}Compressor models are based on their power requirements (e.g. NCR-255-15, NCR-100-10)

^{**}Standard is BSP(G). NPT is available upon request.

NCP Series Dry Claw Compressors

Models: NCR-60, NCR-100-7.5, NCR-100-10, NCR-105-7.5, NCR-105-10, NCR-155-10, NCR-155-12.5, NCR-255-12.5, NCR-255-15, NCR-255-20, NCR-305-15, NCR-305-20, NCR-305-25, NCR-305-25, NCR-405-20, NCR-405-25, NCR-405-30, NCR-405-40, NCR-515-25, NCR-515-40, NCR-515-50



Application table

Applications

Transport

Pneumatic Conveying

Environmental Systems

Air Sparging Applications

Aquaculture

Central Pressure Systems

... and more!

Accessories

Accessories

Inlet Filter (included)

Inlet Silencer (included)

Exhaust Silencer

Internal Coating

Safety Valve