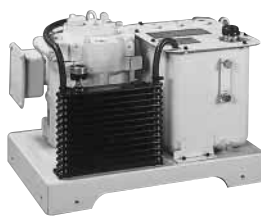


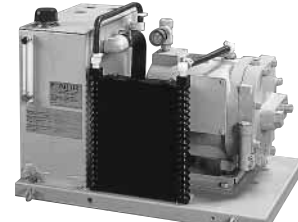
# NDR series rotor pack



NDR151 (Vertical type)



NDR151 (Horizontal type)



NDR231

## Features

- **Low noise**  
Achieved the noise level to lower than 60 Hz (A). The hydraulic noise is not offended even in factories in residential street.
- **Compact design**  
Either a vertical type or a horizontal type is a minimum sized unit. There is no choice of place to install.
- **High reliability**  
No need of pump seal's replacement. It is carefree for oil leakage from a pump.
- **Low oil temperature rise**  
Suppressing the oil temperature rise lower than +15°C machine's heat strain is eliminated.
- **Possibility of mounting solenoid operated valve**  
A solenoid valve can be mounted on NDR081 and NDR151.

## Specifications

**NDR**   **\*\***   **1**   -   **\*\***   **\***   **\***   -   **30**   -   **\***   **\***

1   2   3   4   5   6   7   8   9

### (1) Model No.

NDR : Rotor back

### (2) Displacement volume

08 : 8.0cm<sup>3</sup>/rev  
15 : 14.8cm<sup>3</sup>/rev  
23 : 24.4cm<sup>3</sup>/rev  
38 : 37.7cm<sup>3</sup>/rev

### (3) Max. operating pressure

1 : 7MPa {70kgf/cm<sup>2</sup>}

### (4) Tank volume

07 : 7L<Applied only for NDR08>  
10 : 10L<Applied only for NDR15>  
20 : 20L<Applied only for NDR23>  
30 : 30L<Applied for NDR23 and 38>

### (5) Motor capacity

1 : 0.75 kW/4P <Applied only for NDR08>  
2 : 1.5 kW/4P <Applied only for NDR15>  
3 : 2.2 kW/4P <Applied for NDR15 and 23>  
5 : 3.7 kW/4P <Applied for NDR23 and 38>

### (6) Pack shape

No mark : NDR23, NDR38  
H : Vertical type <Applied for NDR08 and 15>  
L : Horizontal type <Applied for NDR08 and 15>

### (7) Design number (design number is subject to change)

### (8) Option mark I

No mark : Standard product  
R : with return filter  
<Applied for NDR23 and 38>

### (9) Option mark II

No mark : Standard product  
E : Product coping with CE standards

## Specifications

Model code	Displacement volume cm³/rev	Motor capacity Output /Pole No. kW/4P	Tank volume L	Max. operating pressure MPa {kgf/cm²}	Displacement volume at factory set L/min		Pressure at factory set MPa {kgf/cm²}	Oil cooler motor input W
					50Hz	60Hz		
NDR081-071*-30	8	0.75	7	7 {70}	11.7	14	3.5 {35}	16/17.6
NDR151-102*-30	14.8	1.5	10		20.8	25		
NDR151-103*-30		2.2					20	35
NDR231-203 -30	24.4		3.7		30	53.5		
NDR231-305 -30								
NDR381-305 -30	37.7							

Note) ○ Power supply : ACφ3 200V (50Hz), 200V (60Hz), 220 (60Hz)

○ Oil cooler power supply : ACφ1 200V (50Hz), 200V (60Hz), 220 (60Hz)