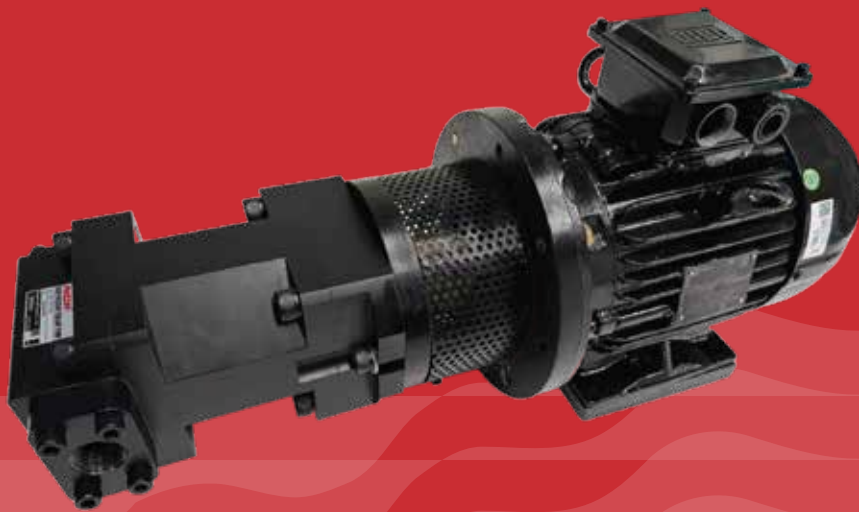


# NCP<sup>®</sup>

## PLUNGER PUMPS



**NCP INDIA**

Nippon Oil Pump India Private Limited

# HPM-P033

## High Pressure Pump



Nippon Oil Pump (NOP) has developed a cutting-edge **horizontal plunger pump** designed to deliver both “high pressure and high flow” performance specially to meet growing demand from machining center manufacturers.

### Key Specifications

- Pressure: 7 MPa / 3.5 MPa
- Flow Rate: > 45 LPM

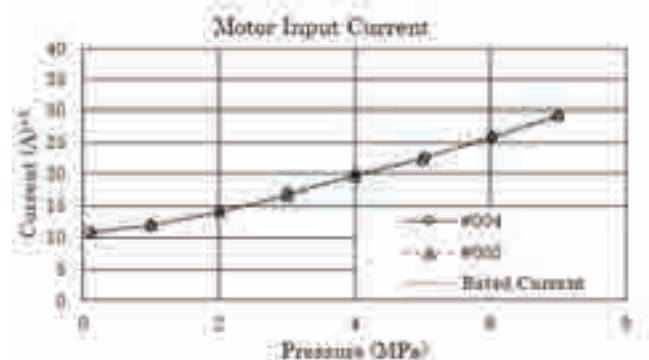
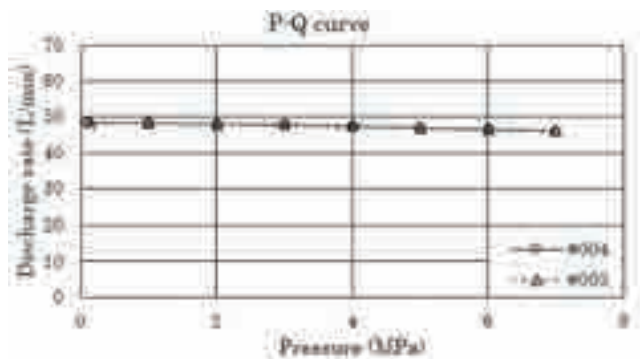
This advanced pump is engineered to efficiently support **Dual coolant duties**:

- Coolant Through Spindle (CTS)\*
- Ring Coolant\*

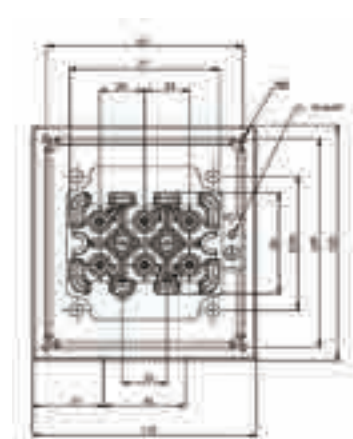
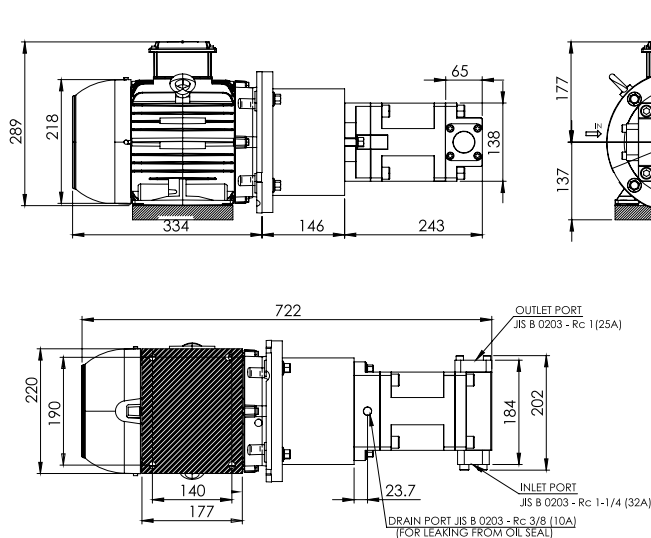
### Specifications

|                                         | Theoretical Flow Rate<br>(No Load) (L/min) | Max. Pressure for<br>Motor Output (MPa) |        |
|-----------------------------------------|--------------------------------------------|-----------------------------------------|--------|
|                                         |                                            | 3.7 kW                                  | 7.5 kW |
| ISO VG2 equivalent Oil                  | 49.5                                       | 4.0                                     | 7.0    |
| Castrol Syntilo77EF 5% Aqueous Solution | 49.5                                       | 4.0                                     | 7.0    |

### Pressure Flow Performance



### Dimensions



DETAILED VIEW OF  
INSIDE THE TERMINAL BOX

Trochoid® Pumps

Filtre<sup>3</sup>

Filter Pumps

Hydraulic Index Motors

Air Oil Cooler

**NOP INDIA**

### Nippon Oil Pump India Private Limited

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Web: <https://www.nopindia.com>  
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