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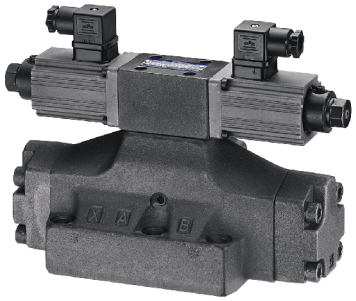
YUKEN
Living with Hydraulics

# Suitable for simplifying speed control and directional control of machine

## Proportional Electro-Hydraulic Directional and Flow Control Valves



## Features

Simpler

- Simple control of speed and direction with a applicable power amplifier
- The speed can be set arbitrarily by the input signal

System

- Simple hydraulic circuits

High Flow

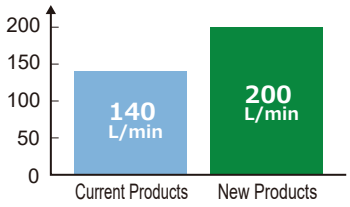
- Significantly increased flow rate compared to current products

## Specifications

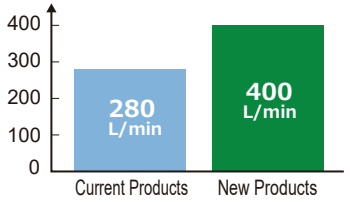
| Model Numbers | | EDFHG-04-200 | EDFHG-06-400 |
|---|---|---|---|
| Max. Operating Pressure | MPa | 25 | |
| Rated Flow @1.0 MPa | L/min | 200 | 400 |
| Pilot Pressure | MPa | 1.5 - 16 | |
| Pilot Flow L/min | at Normal | 1 | 2 |
| | at Transition | 6 | 7 |
| Max. Tank-line Back Pressure | MPa | 21 | |
| Max. Drain-line Back Pressure | MPa | 3 | |
| Rated Current | mA | 800 | 750 |
| Coil Resistance | Ω | 10 | |
| Hysteresis | | 5% or less | |
| Repeatability | | 1% or less | |
| Mass | kg | 11.8 | 19.2 |

## High Flow

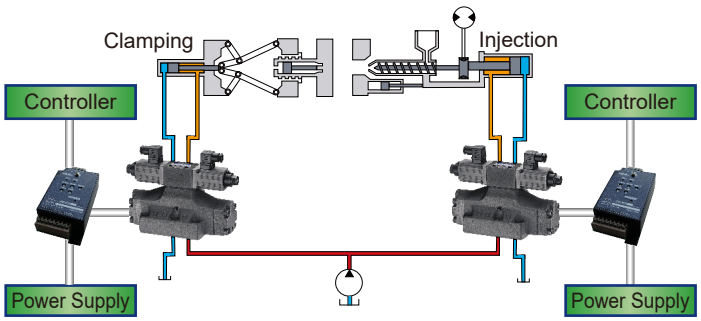
04 Size




06 Size




## Use case(Injection Molding Machines)




Simplified speed control and direction control in molding operation

## Applicable Power Amplifier

AMN-W

## Applications (For Examples)

Injection Molding Machines

Blow Molding Machines

Machine Tools

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