

## □ FEATURES

- Non stalling, electric actuated spool
- Pump working and cycle detection
- Easy fine tuning
- Batch possibility
- Preventing overhauling
- Always full stroke through sensor shifting when using
- ATEX, explosion proof (X)
- Optimum air consumption
- Easy control by PLC, computer and Field Bus
- With use of sensor, air pressure has no influence at speed

## □ SPECIFICATIONS

Pump Series	NDP 05,10,15	NDP 20,25	NDP 40,50,80
Valve version	5/3 Valve	5/3 Valve	5/3 Valve
Valve standard	ISO 1 Valve	ISO 2 Valve	ISO 4 Valve

## □ VALVE STANDARD



ISO 1 Valve



ISO 2 Valve



ISO 4 Valve



For more information about Yamada products visit the website [www.yamada-europe.com](http://www.yamada-europe.com) or scan the **QR-Code**



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## DM & RM Series





## Solenoid Controlled Pumps

Yamada has a long-time experience with solenoid controlled pumps and has set the new standard for this specific type of pumps.

Solenoid valves are the most frequently used control elements in fluidics. Their tasks are to shut off, release, dose, distribute or mix fluids. They are found in many application areas. Solenoids offer fast and safe switching, high reliability, long service life, good medium compatibility of the materials used, low control power and compact design.

For solenoid controlled pumps only 5/3 valves are being used. For the series 05, 10 and 15 a ISO valve is used, for the series 20 and 25 a ISO 2 valve, and for the series 40, 50 and 80 a ISO 4 valve will become the standard.

The demand for electrical controlled pumps will increase and with this knowledge Yamada continuously improves and extends the quality of its solenoid controlled pumps.

## Direct Mounted -DM(X)

For the NDP 05, 10 and 15 pump series we created the direct mounted execution where the solenoid is mounted on a base-plate and through external connections the pump will be solenoid controlled.



## Remote Mounted -RM

The remote mounted versions of the solenoid controlled pumps provide you with the opportunity to switch a standard AODD pump ON and OFF from a distance.



## Direct Mounted Body -DMB(X)

For the NDP 20, 25, 40, 50 and 80 pump series a direct mounted body is available. This means that the solenoid is directly mounted on the air motor.

