

Proportional Directional Valve 4WRLF16E250LJ-4X/MXT00/24ND90 - Bosch Rexroth R901550568

Item no. BRR-R901550568

Manufacturer Bosch Rexroth

Machines built for the British market need a UKCA declaration for every electrical part. The 4WRLF16E250LJ-4X/MXT00/24ND90 meets SI2016/1091 for electromagnetic compatibility and meters 250 l/min nominal flow at 350 bar.

TECHNICAL DATA

Country of Manufacture	Germany
Weight	3.58 kg
Zolltarifnummer	84812010



STANDARDS & COMPLIANCE

ISO 4401-07-07-0-05 EN 175201-804

DESCRIPTION

For machines shipped to Great Britain, the valve electronics also have to be demonstrably compliant. The 4WRLF16E250LJ-4X/MXT00/24ND90 carries UKCA marking to SI2016/1091 and meters 250 l/min nominal flow at 350 bar.

BENEFITS

- **UKCA to SI2016/1091** - electromagnetic compatibility documented for the British market.
- **250 l/min nominal flow**, up to 800 l/min, operating pressure to 350 bar.
- **External pilot oil supply, internal pilot oil return**, three switching positions, four ports.
- **Symbol E in size 16**, ISO 4401-07-07-0-05 interface, 12.5 kg.
- **Integrated fieldbus electronics** on 24 VDC, 7-pole connector (6 + PE).

TECHNICAL DATA

Conformity description	UKCA - Electromagnetic compatibility (EMC) SI2016/1091
Connection diagram	ISO 4401-07-07-0-05
Max. flow	800 l/min
Product family	4WRLF

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Type of connection	Subplate mounting
Nominal flow	250 l/min
Conformity	UKCA
Supply voltage	24 VDC
Connectivity	Voltage supply, enable acknowledgment
Number of switching positions	3
Hydraulic fluid	HL
Number of ports	4
Electrical connection description	Connector 7-pole (6 + PE) according to EN 175201-804
Spool symbol	Symbol E
Operating pressure, max.	350 bar
Size	16
Seals	NBR
Electrical connector	Connector, 7-pole (6 + PE)
Type of actuation	Electrical with integrated fieldbus electronics
Weight	12.5 kg

APPLICATION

Intended for export machines and plants that have to show UKCA alongside CE. The internal pilot return keeps piping work small while the external supply allows a dedicated pilot pressure. HL hydraulic fluid with NBR seals covers the standard case.

MANUFACTURER

Bosch Rexroth, material number R901550568, 4WRLF product family, component series 4X, 7-pole plug (6 + PE) to EN 175201-804.