



NEXTRA SERIES

# MEMOLUB NEXTRA SERIES

## SUPPORT & KNOWLEDGE BASE

# TECHNICAL SPECIFICATIONS

## NEXTRA SERIES PUMP

### HIGH-PRESSURE & WIDE TEMPERATURE RANGE

SPECIFICATION	DESCRIPTION
Pump type	Progressive electro-mechanical lubrication pump
Operating principle	Volume-based progressive pumping
Maximum pressure	Up to 350 bar
Discharge per stroke	0.20 cc / 0.16 cc (Pumping Elements: NPE 07 / NPE 06)
Number of outlets	Up to 3
Body Material	PA6 reinforced with 50% glass fibre
Container Material	Bio-based

### RESERVOIR & REFILLING

SPECIFICATION	DESCRIPTION
Reservoir capacity	4 L / 8 L
Refilling method	Manual refilling
Vent design	Dual vent, with separate air & grease vents
Refilling support	Selectable air-free refilling mode
Refilling benefit	Prevents air pockets and internal pressure build-up

SPECIFICATION	DESCRIPTION
Lubricant type	Grease
NLGI grade	Up to NLGI Grade 2
Lubricant additives	Compatible with standard industrial additives

### ELECTRICAL SPECIFICATIONS

SPECIFICATION	DESCRIPTION
Supply voltage	12 V DC, 24 V DC & 230 V AC
Drive	Electro-mechanical DC motor
Sensor	Proximity Sensor for discharge monitoring
Power Connection	DIN connector
Other Connections	Waterproof vibration-resistant circular connectors
Protection	Overcurrent protection via controller

### OPERATING CONDITIONS

SPECIFICATION	DESCRIPTION
Operating temperature	-30 °C to +70 °C
Application	Industrial machinery and mobile equipment
Mounting	Vertical / Tilted mounting options
Protection	IP 65 (Applied)
Safety	Pressure Release Safety Valve (350 bar)

## SYSTEM INTEGRATION

SPECIFICATION	DESCRIPTION
Divider compatibility	Progressive divider blocks
Controller compatibility	NEXTRA LINK PLUS, NEXTRA LINK PRO, NEXTRA LINK ULTRA, NEXTRA LINK ELITE
Connectivity	Via controller (Wi-Fi / GSM / eSIM)
Industry 4.0 Readiness	Available - Controller dependent

# TECHNICAL SPECIFICATIONS

## NEXTRA SERIES CONTROLLER

### ELECTRICAL & FUNCTIONAL SPECIFICATIONS

SPECIFICATION	DESCRIPTION
Controller type	Progressive electro-mechanical lubrication pump
Control philosophy	Volume-based progressive pumping
Supported pump type	Memolub Nextra Series Pumps
Supply voltage	12 V DC / 24 V DC
User interface	Keypad with 7-segment / LCD / Remote (Screen) (variant dependent)
Output monitoring	Proximity sensor-based
Notification	Visual / LED / Audible (buzzer) / Remote (Screen)
Safety	Overcurrent and system fault protection
Protection	IP 65 (Applied)

### CONNECTIVITY, SOFTWARE & INTERFACE

SPECIFICATION	DESCRIPTION
Communication modes	On-board / GSM / Wi-Fi / eSIM (variant dependent)
Data handling	Operational data logging & intelligent analytics
Remote access	Web portal and mobile application
Software model	Licensed software for third-party or private servers
Server compatibility	Cloud-based or customer-owned infrastructure
External connectors	Waterproof, vibration-resistant circular connectors

SPECIFICATION	DESCRIPTION
Internal connectors	
Connector advantage	Reliable signal integrity in harsh environments
Antennas	Industrial-grade - GSM / Wi-Fi / eSIM (variant dependent) antennas
Application suitability	Industrial and mobile environments

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