

## JetMove 3000 series Servo amplifier

### Short description

The servo amplifiers of the JetMove 3000 series can be built and expanded in a modular fashion. The amplifier modules are connected to the supply unit via a rail system. Any servo amplifier of the JetMove 3000 series is available with a choice of 1-, 2- or 3-axis modules. This allows the creation of an individual, high-performance, multi-axis coordinated motion system. High rated currents and triple peak currents guarantee highly dynamic acceleration processes. Bus connection is via EtherCAT®.



### Features

- Modular design
- Flexible power bus system
- Compact design
- Up to three axis modules per device
- High positioning accuracy
- EtherCAT® bus connection
- Integrated safety technology (S1)
- Brake resistor (supply unit) (R1)
- Simple commissioning

### Options

- HIPERFACE DSL® (TD)
- Cold plate cooling

### Accessories

- 60886336\_00 - Mating connector set supply unit JM-3P10
- 60886337\_00 - Mating connector set supply unit JM-3P22

# JetMove 3000 series

## Technical Data

Versorgungseinheit	JetMove 3P10	JetMove 3P22
Anschlussart	3-phasig, AC 400 V	3-phasig, AC 400 V
Dauerleistung (kW)	10	22
Spitzenleistung (kW)	20	44
Abmessungen (B x H x T)	55 x 310 x 241 mm	110 x 310 x 241
Gewicht (kg)	2,6	5,2
Art.-Nr. Standard	60879872_02	60879873_02
Art.-Nr. Option int. Netzteil	60879874_02	60879875_02

1-axis modules	JetMove 3506	JetMove 3512	JetMove 3518	JetMove 3524	JetMove 3532
Connection type	DC 565 V	DC 565 V	DC 565 V	DC 565 V	DC 565 V
Rated current at 4 kHz (A)	6	12	18	24	32
Peak current at 4 kHz (A)	18	36	48	72	100
Weight incl. STO (kg)	2.6	2.7	2.7	4.5	4.5
Dimensions (W x H x D)	55 x 310 x 241 mm	55 x 310 x 241 mm	55 x 310 x 241 mm	110 x 310 x 241 mm	110 x 310 x 241 mm
Safety function S1 STO (SIL3, PL e)	Integrated				
Controller interfaces	EtherCAT®				
Motor encoder interfaces	Resolver; HIPERFACE®; SinCos; EnDat 2.1, 2.2; incremental encoders; SSI; option: HIPERFACE DSL®				
Motor types	Synchronous and asynchronous motors, direct drives, torque and linear motors				
Item no. of standard model	60879860_00	60879861_00	60879862_00	60879863_00	60879864_00
Item no. with HIPERFACE DSL®	60879756_00	60882967_00	60882969_00	60882970_00	60882971_00

2-axis modules	JetMove D3503	JetMove D3506	JetMove D3512	JetMove D3516
Connection type	DC 565 V	DC 565 V	DC 565 V	DC 565 V
Rated current at 8 kHz (A)	2x 3	2x 6	2x 12	2x 16
Peak current at 8 kHz (A)	2x 9	2x 18	2x 36	2x 48
Weight incl. STO (kg)	2.6	2.75	4.3	4.3
Dimensions (W x H x D)	55 x 310 x 241 mm	55 x 310 x 241 mm	110 x 310 x 241 mm	110 x 310 x 241 mm
Safety function S1 STO (SIL3, PL e)	Integrated			
Controller interfaces	EtherCAT®			
Motor encoder interfaces	Resolver; HIPERFACE®; SinCos; EnDat 2.1, 2.2; incremental encoders; SSI; option: HIPERFACE DSL®			
Motor types	Synchronous and asynchronous motors, direct drives, torque and linear motors			
Item no. of standard model	60879865_00	60879866_00	60879867_00	60879868_00
Item no. with HIPERFACE DSL®	60882319_00	60882320_00	60882972_00	60882973_00

3-axis modules	JetMove T3503	JetMove T3506	JetMove T3512
Connection type	DC 565 V	DC 565 V	DC 565 V
Rated current at 8 kHz (A)	3x 3	3x 6	3x 12
Peak current at 8 kHz (A)	3x 9	3x 18	3x 36
Weight incl. STO (kg)	2.8	2.8	4.5
Dimensions (W x H x D)	55 x 310 x 241 mm	55 x 310 x 241 mm	110 x 310 x 241 mm
Safety function S1 STO (SIL3, PL e)	Integrated		
Controller interfaces	EtherCAT®		
Motor encoder interfaces	Resolver; HIPERFACE®; SinCos; EnDat 2.1, 2.2; incremental encoders; SSI; option: HIPERFACE DSL®		
Motor types	Synchronous and asynchronous motors, direct drives, torque and linear motors		
Item no. of standard model	60879869_00	60879870_00	60879871_00
Item no. with HIPERFACE DSL®	60882368_00	60881661_00	60882369_00

Further details and order information are available on request. Specifications are subject to change without notice. Errors and omissions excepted.

