

## JMXxx-1xxxx Distributed Drive

### Short description

Distributed servo drives offer two compelling automation benefits: They make control cabinets obsolete while promoting a lean cabling approach. Assembling motor and encoder cables is now a thing of the past. In the basic version, Jetter distributed drives come equipped with a single-turn absolute encoder; upgrade options include a brake and/or multi-turn encoders. Quick wiring is guaranteed thanks to pre-assembled DC power supply cables and EtherCAT® lines.



### EtherCAT® ordering details

Designation	Item number	Description
JMX34-10008	On request	JMX34-10008-S1-R1-P
JMX34-10016	On request	JMX34-10016-S1-R1-P
JMX22-15009	60886258_00	JMX22-15009-PF11
JMX24-15026	60886361_00	JMX24-15026-S1-PF11
JMX24-15032	60886363_00	JMX24-15032-S1-PF11
JMX40-15050	60886362_00	JMX40-15050-S1-PF11
JMX50-15117	60886360_00	JMX50-15117-S1-PF11

### CANopen® ordering details

Designation	Item number	Description
JMX34-10008	60881445_00	JMX34-10008-I4R1-P
JMX34-10016	60881446_00	JMX34-10016-I4R1-P

# JMXxx-1xxxx

## Technical Data

	JMX34-10008	JMX34-10016
Length without brake (mm)	141.2	180
Length with brake (mm)	175.2	214
Supply voltage $U_{PWR}$ (V)	48	48
Rated speed $N_n$ (rpm)	4000	4000
Rated torque $M_n$ (Nm)	0.8	1.55
Continuous stall torque $M_o$ (Nm)	0.9	1.8
Peak torque $M_{peak}$ (Nm)	2.2	2.15
Motor brake rated holding torque $M_{BR}$ (optional) (Nm)	2	2
Motor rated power $P_n$ (W)	335	649
Motor shaft power output under rated condition $P_{mech}$ (kW)	0.34	0.65
Electric power consumption incl. power dissipation under rated condition $P_{elec}$ (kW)	0.42	0.7
Power dissipation under rated condition $P_{pwr} - P_n$ (kW)	0.08	0.05
Current consumption under rated condition $I_{pwr}$ (A)	8.7	14.6
Weight without brake $M_{BR}$ (kg)	2	3.1
Weight with brake $M_{BR}$ (kg)	2.55	3.65
Rotor inertia without brake (J kg cm <sup>2</sup> )	0.37	0.61
Rotor inertia with brake (J kg cm <sup>2</sup> )	0.428	0.668

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

	Flange 22	Flange 24
Motor type example	JMX22-15009	JMX24-15026
Flange dimensions (mm)	60	80
Flange alignment (mm)	50h7	70h7
Flange hole circle (mm)	70	90
Flange screw holes 4x. (mm)	5.2	6.5
Shaft thread depth (mm)	M5x12.5	M6x16
K6 shaft diameter x length (mm)	14x30	19x40
Feather key DIN 6685-A (W x H x L) (mm)	5x5x25	6x6x30

Note: Unlike servo motors, the order reference of JMXyy models states the product's rated torque.

	JMX-15P11-R1A0	JMX-15P23-R1A0
Supply unit		
Port type: 3-phase (AC 50/60 Hz)	400 V	400 V
Continuous power (kW)	11.3	22.6
Peak power (kW)	22.5	46
Input voltage $U_{in}$ (AC 50/60 Hz)	230 ... 480 V	230 ... 480 V
Input voltage $U_{in}$ min/max (AC 50/60 Hz)	180 ... 520 V	180 ... 520 V
Output voltage $U_{out}$ (DC)	$U_{in} * \sqrt{2}$ V	$U_{in} * \sqrt{2}$ V
Dimensions (W x H x D) (mm)	82.5 x 352.5 x 270.3	82.5 x 352.5 x 270.3
Weight (kg)	5.8	5.8
Part no.	60886837_00	60886838_00

JMX22-15009	JMX24-15026	JMX24-15032	JMX40-15050	JMX50-15117
235.8	247.3	272.3	297.8	363
272.8	289.3	314.3	348.3	388
560	560	560	560	560
5000	3000	3000	3000	3000
0.9	2.55	3.2	5	11.7
1.3	2.8	4	6	15.4
3.9	8.4	12	22	45
2	4.5	4.5	9	15
471	801	1005	1571	3675
0.47	0.8	1.01	1.57	3.68
0.55	0.95	1.2	1.85	4.3
0.08	0.15	0.19	0.28	0.17
0.97	1.68	2.12	3.27	6.81
1.9	4.1	5.1	8	17
2.33	4.8	5.8	9.2	18.5
0.24	1.16	1.58	4	11.5
0.29	1.38	1.8	5.06	13.2

Flange 34	Flange 40	Flange 50
JMX34-10008   JMX34-10016	JMX40-15050	JMX50-15117
80	100	142
70h7	95h7	130j6
90	115	165
6.5	9	12.5
M4x12	M6x16	M8x20
11x30	19x40	24x50
4x4x20	6x6x30	8x7x40

# JMXxx-1xxxx

## System overview



