



## Main

Range compatibility	Lexium 28
Product or component type	Servo motor
Device short name	BCH2

## Complementary

Maximum mechanical speed	5000 rpm
[Us] rated supply voltage	220 V
Phase	Single phase Three phase
Continuous stall current	5.83 A
Continuous stall torque	3.18 N.m for LXM26D at 7 A, 220 V, single phase 3.18 N.m for LXM26D at 7 A, 220 V, three phase 3.18 N.m for LXM28... at 7 A, 220 V, single phase 3.18 N.m for LXM28... at 7 A, 220 V, three phase
Continuous power	1000 W
Peak stall torque	9.54 N.m for LXM26D at 7 A, 220 V, single phase 9.54 N.m for LXM26D at 7 A, 220 V, three phase 9.54 N.m for LXM28... at 7 A, 220 V, single phase 9.54 N.m for LXM28... at 7 A, 220 V, three phase
Nominal output power	1000 W for LXM26D at 7 A, 220 V, single phase 1000 W for LXM26D at 7 A, 220 V, three phase 1000 W for LXM28... at 7 A, 220 V, single phase 1000 W for LXM28... at 7 A, 220 V, three phase
Nominal torque	3.18 N.m for LXM26D at 7 A, 220 V, single phase 3.18 N.m for LXM26D at 7 A, 220 V, three phase 3.18 N.m for LXM28... at 7 A, 220 V, single phase 3.18 N.m for LXM28... at 7 A, 220 V, three phase
Nominal speed	3000 rpm for LXM26D at 7 A, 220 V, single phase 3000 rpm for LXM26D at 7 A, 220 V, three phase 3000 rpm for LXM28... at 7 A, 220 V, single phase 3000 rpm for LXM28... at 7 A, 220 V, three phase
Maximum current Irms	18.9 A for LXM28... at 1 kW, 220 V
Maximum permanent current	6.64 A
Product compatibility	LXM26D servo drive motor at 1 kW, 220 V, three phase LXM26D servo drive motor at 1 kW, 220 V, single phase LXM28... servo drive motor at 1 kW, 220 V, single phase LXM28... servo drive motor at 1 kW, 220 V, three phase
Shaft end	Keyed
Shaft diameter	0.87 in (22 mm)
Shaft length	1.77 in (45 mm)
Key width	0.31 in (8 mm)
Feedback type	20 bits single turn absolute encoder
Holding brake	With
Holding torque	6.5 N.m for built-in
Mounting support	Asian standard flange
Motor flange size	3.94 in (100 mm)
Electrical connection	MIL connector

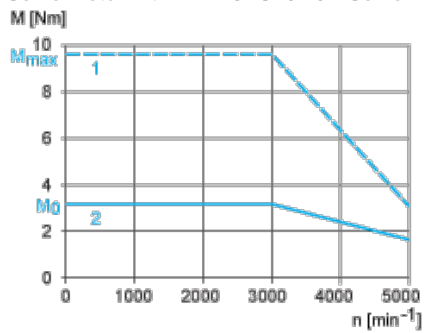
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L (with holding brake)	180.5	7.11
Z	96	3.78

## Torque/Speed Curves with 230 V Single/Three Phase Supply Voltage

Servo Motor with LXM28AU10M3X Servo Drive



- 1 : Peak torque
- 2 : Continuous torque