Product data sheet

Specifications





AC servo motor BSH, Lexium 05, 9.31N.m, 1500rpm, untapped shaft, without brake, IP50

BSH1004P02A2A

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 3,427.50 USD

Main

Device short name	BSH
Product or Component Type	Servo motor
Maximum mechanical speed	6000 rpm
Continuous stall torque	 70.8 lbf.in (8 N.m) LXM32.D30N4 10 A, 400 V, three phase 70.8 lbf.in (8 N.m) LXM32.D30N4 10 A, 480 V, three phase 82.40 lbf.in (9.31 N.m) LXM15MD40N4, 400 V, three phase 82.40 lbf.in (9.31 N.m) LXM15MD40N4, 480 V, three phase 82.40 lbf.in (9.31 N.m) LXM15MD28M3, 230 V, three phase 82.40 lbf.in (9.31 N.m) LXM15MD28N4, 230 V, three phase 82.40 lbf.in (9.31 N.m) LXM15MD28N4, 230 V, three phase 82.40 lbf.in (9.31 N.m) LXM15MD28N4, 400 V, three phase 82.40 lbf.in (9.31 N.m) LXM15MD28N4, 480 V, three phase 82.40 lbf.in (9.31 N.m) LXM15MD28N4, 480 V, three phase 82.40 lbf.in (9.31 N.m) LXM15MD28N4, 380480 V, three phase 82.40 lbf.in (9.31 N.m) LXM05AD34N4, 380480 V, three phase 82.40 lbf.in (9.31 N.m) LXM05AD57N4, 380480 V, three phase 82.40 lbf.in (9.31 N.m) LXM05BD34N4, 380480 V, three phase 82.40 lbf.in (9.31 N.m) LXM05BD34N4, 380480 V, three phase 82.40 lbf.in (9.31 N.m) LXM05BD34N4, 380480 V, three phase 82.40 lbf.in (9.31 N.m) LXM05BD34N4, 380480 V, three phase 82.40 lbf.in (9.31 N.m) LXM05BD34N4, 380480 V, three phase 82.40 lbf.in (9.31 N.m) LXM05BD34N4, 380480 V, three phase 82.40 lbf.in (9.31 N.m) LXM05BD34N4, 380480 V, three phase
	82.40 lbf.in (9.31 N.m) LXM05CD34N4, 380480 V, three phase 82.40 lbf.in (9.31 N.m) LXM05CD42M3X, 200240 V, three phase 82.40 lbf.in (9.31 N.m) LXM05CD57N4, 380480 V, three phase
Peak stall torque	335.4 lbf.in (37.9 N.m) LXM32.D30N4 10 A, 400 V, three phase 335.4 lbf.in (37.9 N.m) LXM32.D30N4 10 A, 480 V, three phase 227.5 lbf.in (25.7 N.m) LXM15MD28M3, 230 V, three phase 227.5 lbf.in (25.7 N.m) LXM15MD28N4, 230 V, three phase 227.5 lbf.in (25.7 N.m) LXM15MD28N4, 400 V, three phase 229.42 lbf.in (33.83 N.m) LXM15MD28N4, 480 V, three phase 299.42 lbf.in (33.83 N.m) LXM15MD40N4, 230 V, three phase 299.42 lbf.in (33.83 N.m) LXM15MD40N4, 400 V, three phase 299.42 lbf.in (33.83 N.m) LXM15MD40N4, 480 V, three phase 299.42 lbf.in (33.83 N.m) LXM15MD40N4, 480 V, three phase 299.42 lbf.in (33.83 N.m) LXM15MD40N4, 480 V, three phase 207.73 lbf.in (23.47 N.m) LXM05AD34N4, 380480 V, three phase 316.0 lbf.in (35.7 N.m) LXM05AD47N4, 380480 V, three phase 316.0 lbf.in (35.7 N.m) LXM05BD34N4, 380480 V, three phase 316.0 lbf.in (35.7 N.m) LXM05BD42M3X, 200240 V, three phase 316.0 lbf.in (35.7 N.m) LXM05BD57N4, 380480 V, three phase 316.0 lbf.in (35.7 N.m) LXM05BD42M3X, 200240 V, three phase 316.0 lbf.in (35.7 N.m) LXM05BD42M3X, 200240 V, three phase 316.0 lbf.in (35.7 N.m) LXM05BD57N4, 380480 V, three phase 316.0 lbf.in (35.7 N.m) LXM05CD57N4, 380480 V, three phase 316.0 lbf.in (35.7 N.m) LXM05CD57N4, 380480 V, three phase

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

XM32.D30N4 10 A, 480 V, three phase
XM32.D30N4 10 A, 400 V, three phase XM05AD42M3X, 200240 V, three phase
XM05AD42M3X, 200240 V, three phase XM05BD42M3X, 200240 V, three phase
XM05CD42M3X, 200240 V, three phase
XM15MD28M3, 230 V, three phase
XM15MD28N4, 230 V, three phase
XM15MD40N4, 230 V, three phase XM05AD34N4, 380480 V, three phase
XM05AD57N4, 380480 V, three phase
XM05BD34N4, 380480 V, three phase
XM05BD57N4, 380480 V, three phase
XM05CD34N4, 380480 V, three phase XM05CD57N4, 380480 V, three phase
XM15MD28N4, 400 V, three phase
XM15MD40N4, 400 V, three phase
XM15MD40N4, 480 V, three phase
XM15MD28N4, 480 V, three phase
(8.3 N.m) LXM32.D30N4 10 A, 400 V, three phase
(8.3 N.m) LXM32.D30N4 10 A, 480 V, three phase
(6.5 N.m) LXM15MD28N4, 480 V, three phase
in (6.69 N.m) LXM15MD40N4, 480 V, three phase
(7 N.m) LXM15MD28N4, 400 V, three phase (7.1 N.m) LXM05AD34N4, 380480 V, three phase
(7.1 N.m) LXM05AD57N4, 380480 V, three phase
(7.1 N.m) LXM05BD34N4, 380480 V, three phase
(7.1 N.m) LXM05BD57N4, 380480 V, three phase
(7.1 N.m) LXM05CD34N4, 380480 V, three phase (7.1 N.m) LXM05CD57N4, 380480 V, three phase
in (7.17 N.m) LXM05CD37N4, 360460 V, three phase
in (8.18 N.m) LXM15MD40N4, 230 V, three phase
in (8.22 N.m) LXM05AD42M3X, 200240 V, three phase
in (8.22 N.m) LXM05BD42M3X, 200240 V, three phase
in (8.22 N.m) LXM05CD42M3X, 200240 V, three phase in (8.22 N.m) LXM15LD28M3, 230 V, three phase
in (8.22 N.m) LXM15MD28N4, 230 V, three phase
LXM32.D30N4 10 A, 400 V, three phase
LXM32.D30N4 10 A, 480 V, three phase LXM05AD42M3X, 200240 V, three phase
LXM05BD42M3X, 200240 V, three phase
LXM05CD42M3X, 200240 V, three phase
LXM05AD34N4, 380480 V, three phase
LXM05BD34N4, 380480 V, three phase
LXM05CD34N4, 380480 V, three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase LXM15MD40N4, 480 V, three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM05AD57N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 480 V, three phase LXM15MD40N4, 480 V, three phase LXM15MD28N4, 480 V, three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase LXM15MD40N4, 480 V, three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM05AD57N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase LXM15MD40N4, 480 V, three phase LXM15MD28N4, 480 V, three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM05AD57N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase LXM15MD40N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D42M3X 200240 V three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase LXM15MD40N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D34N4 380480 V three phase D34N4 380480 V three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM05AD57N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase LXM15MD40N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D42M3X 200240 V three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase LXM15MD40N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D34N4 380480 V three phase D34N4 380480 V three phase D34N4 380480 V three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM05D28N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D34N4 380480 V three phase D34N4 480 V three phase
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM05AD57N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase LXM15MD40N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D34N4 380480 V three phase D34N4 480 V three phase D3
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM05AD57N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase LXM15MD40N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase M22M3X 200240 V three
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase LXM15MD28N4, 480 V, three phase M22M3X 200240 V three phase M22M3X 200240 V three phase M24M3X 200240 V three phase M24M4 380480 V three phase M24M4 380480 V three phase M24M4 400 V three phase M24M4 40 V three p
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM05AD57N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase LXM15MD40N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D40M4 480 V t
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD40N4, 400 V, three phase LXM15MD40N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D34N4 380480 V three phase D34N4 380480 V three phase D34N4 380480 V three phase D34N4 380480 V three phase D34N4 480 V three phase D40N4 480 V three phase D40N
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D34N4 380480 V three phase D35N4 480 V three phase D36N4 480 V three phase D30N4 380480 V three phase D30N4 480 V three ph
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D42M3 200240 V three phase D42M3 200240 V three phase D42M4 380480 V three phase D44N4 380480 V three phase D34N4 380480 V three phase D34N4 380480 V three phase D34N4 380480 V three phase D34N4 380480 V three phase D48N4 480 V three phase D48N4 480 V three phase D48N4 480 V three phase D49N4 480 V thr
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D34N4 380480 V three phase D35N4 480 V three phase D36N4 480 V three phase D30N4 480 V three phase D30N4 480 V three phase D30N4 480 V three phase D30N4 480 V three phase D57N4 380480
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM15MD40N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D42M3 200240 V three phase D42M4 380480 V three phase D44N4 380480 V three phase D44N4 380480 V three phase D44N4 380480 V three phase D45N4 480 V three phase D46N4 48
LXM05CD34N4, 380480 V, three phase LXM15MD28M3, 230 V, three phase LXM15MD28N4, 230 V, three phase LXM05AD57N4, 380480 V, three phase LXM05BD57N4, 380480 V, three phase LXM05CD57N4, 380480 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 400 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase LXM15MD28N4, 480 V, three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D42M3X 200240 V three phase D34N4 380480 V three phase D34N4 480 V three phase D34N4 480 V three phase D28N4 480 V three phase D40N4 400 V three phase D40N4 400 V three phase D40N4 480 V three phase D40N4 480 V three phase D57N4 380480 V three phase D57N4 380480 V three phase D57N4 380480 V three phase D57N4 380480 V three phase D28N4 230 V three phase

Life Is On Schneider

Speed feedback resolution	131072 points/turn x 4096 turns				
Holding brake	Without				
Mounting Support	International standard flange				
Electrical Connection	Rotatable right-angled connectors				

Complementary

e emprementar j	
Range Compatibility	Lexium 32 Lexium 15 Lexium 05
supply voltage max	480 V
Phase	Three phase
Continuous stall current	6.2 A
maximum continuous power	3.64 W
Maximum current Irms	34.8 A LXM15LD28M3
	34.8 A LXM15MD28N4
	34.8 A LXM15MD40N4
	32.3 A LXM05AD42M3X
	32.3 A LXM05AD34N4
	32.3 A LXM05AD57N4
	32.3 A LXM05BD42M3X
	32.3 A LXM05BD34N4
	32.3 A LXM05BD57N4
	32.3 A LXM05CD42M3X
	32.3 A LXM05CD34N4
	32.3 A LXM05CD57N4
	30 A LXM32.D30N4
Maximum permanent current	32.3 A
Switching frequency	8 kHz
Second shaft	Without second shaft end
Shaft diameter	0.9 in (24 mm)
Shaft length	2.0 in (50 mm)
Feedback type	Multiturn SinCos Hiperface
Motor flange size	3.9 in (100 mm)
Number of motor stacks	4
Torque constant	1.62 N.m/A 248 °F (120 °C)
Back emf constant	103 V/krpm 248 °F (120 °C)
Number of motor poles	8
Rotor inertia	4.22 kg.cm ²
Stator resistance	1.81 Ohm 68 °F (20 °C)
Stator inductance	11.8 mH 68 °F (20 °C)
Stator electrical time constant	6.52 ms 68 °F (20 °C)
Maximum radial force Fr	1070 N 1000 rpm 740 N 3000 rpm 850 N 2000 rpm
Maximum axial force Fa	0.2 x Fr
Type of cooling	Natural convection
Length	10.9 in (276.5 mm)
Centring collar diameter	3.7 in (95 mm)
Centring collar depth	0.1 in (3.5 mm)

Number of mounting holes	4
Mounting holes diameter	0.4 in (9 mm)
Circle diameter of the mounting holes	4.5 in (115 mm)
Net Weight	20.9 lb(US) (9.5 kg)

Ordering and shipping details

Category	US1PC5318282
Discount Schedule	PC53
GTIN	3389118140394
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.2 in (18.3 cm)
Package 1 Width	6.4 in (16.3 cm)
Package 1 Length	19.4 in (49.2 cm)
Package 1 Weight	16.5 lb(US) (7.5 kg)

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Mercury Free
 Rohs Exemption Information Yes
 Pvc Free

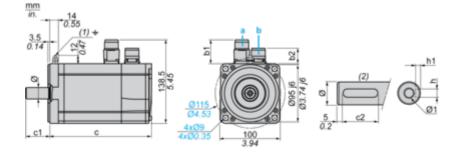
Certifications & Standards

Reach Regulation	REACh Declaration					
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)					
China Rohs Regulation	China RoHS declaration					
Environmental Disclosure	Product Environmental Profile					
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.					
Circularity Profile	No need of specific recycling operations					
California Proposition 65	"WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov"					

Dimensions Drawings

Servo Motors Dimensions

Example with Straight Connectors



a: Power supply for servo motor brake

b: Power supply for servo motor encoder

(1) M4 screw

(2) Shaft end, keyed slot (optional)

Dimensions in mm

Straight Rotatable a connectors		•	c (without	c (with	c1	c2	h	h1	ø	Ø1 for	
b1	b2	b1	b2	brake)	brake)						screws
39.5	25.5	39.5	39.5	277	308	50	40	8 N9	4 ^{+0.1} 0	24 k6	M8 x 19

Dimensions in in.

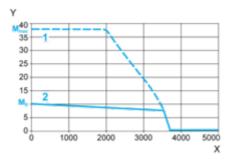
Straight Rotatable angled connectors connectors		c (without c (with	c1	c2	h	h1	ø	Ø1 for			
b1	b2	b1	b2	brake)	brake)						screws
1.55	1.00	1.55	1.55	10.90	12.12	1.96	1.57	0.31 N9	0.16 ^{+0.1} 0	0.94 k6	M8 x 0.75

Performance Curves

400 V 3-Phase Supply Voltage

Torque/Speed Curves

Servo motor with LXM32•D30N4 servo drive



 \boldsymbol{X} Speed in rpm

Y Torque in Nm

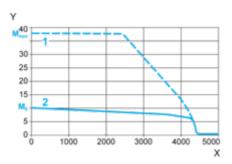
1 Peak torque

2 Continuous torque

480 V 3-Phase Supply Voltage

Torque/Speed Curves

Servo motor with LXM32•D30N4 servo drive



X Speed in rpm

Y Torque in Nm

1 Peak torque

2 Continuous torque