

# Lexium Easy 26 selection guide

Optimized servo drive and motor bundles ranging from 0.05 to 4.5kW

## Lexium Easy 26 servo drive and BCH2 servo motor bundles

Available power output	Nominal speed	Max speed	Nominal torque	Max torque	Flange size	Servo bundle reference *	Servo drive reference**	Servo motor reference**	Inertia without holding brake	Inertia with holding brake	Motor inertia type	Power connector without brake	Power connector with brake	Encoder connector	Power cable without brake	Power cable with brake	Encoder cable
kW	RPM		Nm	Nm	mm				Kgcm2	Kgcm2							

### Single-phase and three-phase supply voltage 200/240 VAC

0,05	3000	5000	0,16	0,48	40	LXM26BA5MB3•	LXM26DUA5M3X	BCH2MBA533C•5C	0,054	0,055	medium	VW3M5D1A	VW3M5D1F	VW3M8D1A	VW3M5D1ARxx	VW3M5D1FRxx	VW3M8D1ARxx
0,1	3000	5000	0,32	0,96	40	LXM26B01MB3•	LXM26DU01M3X	BCH2MB0133C•5C	0,075	0,076	medium	VW3M5D1A	VW3M5D1F	VW3M8D1A	VW3M5D1ARxx	VW3M5D1FRxx	VW3M8D1ARxx
0,2	3000	5000	0,64	1,92	60	LXM26B02LD3•	LXM26DU02M3X	BCH2LD0233C•5C	0,16	0,17	low	VW3M5D1A	VW3M5D1F	VW3M8D1A	VW3M5D1ARxx	VW3M5D1FRxx	VW3M8D1ARxx
0,3	1000	2000	2,86	8,59	130	LXM26B03MM1•	LXM26DU04M3X	BCH2MM0313C•6C	6,63	6,91	medium	VW3M5D2A	VW3M5D2A	VW3M8D2A	VW3M5D2ARxx	VW3M5D2FRxx	VW3M8D2ARxx
0,4	3000	5000	1,27	3,81	80	LXM26B04LF3•	LXM26DU04M3X	BCH2LF0433C•5C	0,67	0,72	low	VW3M5D1A	VW3M5D1F	VW3M8D1A	VW3M5D1ARxx	VW3M5D1FRxx	VW3M8D1ARxx
0,4	3000	5000	1,27	3,81	60	LXM26B04LD3•	LXM26DU04M3X	BCH2LD0433C•5C	0,27	0,28	low	VW3M5D1A	VW3M5D1F	VW3M8D1A	VW3M5D1ARxx	VW3M5D1FRxx	VW3M8D1ARxx
0,5	2000	3000	2,39	7,16	130	LXM26B05MM2•	LXM26DU04M3X	BCH2MM0523C•6C	6,63	6,91	medium	VW3M5D2A	VW3M5D2A	VW3M8D2A	VW3M5D2ARxx	VW3M5D2FRxx	VW3M8D2ARxx
0,6	1000	2000	5,73	17,19	130	LXM26B06MM1•	LXM26DU07M3X	BCH2MM0613C•6C	6,63	6,91	medium	VW3M5D2A	VW3M5D2A	VW3M8D2A	VW3M5D2ARxx	VW3M5D2FRxx	VW3M8D2ARxx
0,75	3000	5000	2,39	7,16	80	LXM26B07HF3•	LXM26DU07M3X	BCH2HF0733C•5C	1,54	1,59	high	VW3M5D1A	VW3M5D1F	VW3M8D1A	VW3M5D1ARxx	VW3M5D1FRxx	VW3M8D1ARxx
0,75	3000	5000	2,39	7,16	80	LXM26B07LF3•	LXM26DU07M3X	BCH2LF0733C•5C	1,19	1,24	low	VW3M5D1A	VW3M5D1F	VW3M8D1A	VW3M5D1ARxx	VW3M5D1FRxx	VW3M8D1ARxx
0,9	1000	2000	8,59	25,77	130	LXM26B09MM1•	LXM26DU10M3X	BCH2MM0913C•6C	9,70	10,00	medium	VW3M5D2A	VW3M5D2A	VW3M8D2A	VW3M5D2ARxx	VW3M5D2FRxx	VW3M8D2ARxx
1,0	3000	5000	3,18	9,54	100	LXM26B10LH3•	LXM26DU10M3X	BCH2LH1033C•6C	2,40	2,45	low	VW3M5D2A	VW3M5D2A	VW3M8D2A	VW3M5D2ARxx	VW3M5D2FRxx	VW3M8D2ARxx
1,0	2000	3000	4,77	14,30	130	LXM26B10MM2•	LXM26DU10M3X	BCH2MM1023C•6C	6,63	6,91	medium	VW3M5D2A	VW3M5D2A	VW3M8D2A	VW3M5D2ARxx	VW3M5D2FRxx	VW3M8D2ARxx
0,85	1500	3000	5,39	13,80	130	LXM26B08MM1•	LXM26DU10M3X	BCH2MM0813C•6C	13,50	14,10	medium	VW3M5D2A	VW3M5D2A	VW3M8D2A	VW3M5D2ARxx	VW3M5D2FRxx	VW3M8D2ARxx
1,5	2000	3000	7,16	21,48	130	LXM26B15MM2•	LXM26DU15M3X	BCH2MM1523C•6C	9,70	10,00	medium	VW3M5D2A	VW3M5D2A	VW3M8D2A	VW3M5D2ARxx	VW3M5D2FRxx	VW3M8D2ARxx

### Three-phase supply voltage 200/240 VAC

2,0	3000	5000	6,37	19,11	100	LXM26B20LH3•	LXM26DU20M3X	BCH2LH2033C•6C	4,28	4,35	low	VW3M5D2A	VW3M5D2A	VW3M8D2A	VW3M5D2ARxx	VW3M5D2FRxx	VW3M8D2ARxx
2,0	2000	3000	9,55	28,65	130	LXM26B20MM2•	LXM26DU20M3X	BCH2MM2023C•6C	13,50	14,10	medium	VW3M5D2A	VW3M5D2A	VW3M8D2A	VW3M5D2ARxx	VW3M5D2FRxx	VW3M8D2ARxx
2,0	2000	3000	9,55	28,65	180	LXM26B20MR2•	LXM26DU20M3X	BCH2MR2023C•6C	26,50	27,00	medium	VW3M5D2B	VW3M5D2B	VW3M8D2A	VW3M5D4ARxx	VW3M5D4FRxx	VW3M8D2ARxx
3,0	1500	3000	19,1	57,29	180	LXM26B30MR1•	LXM26DU30M3X	BCH2MR3013C•6C	53,56	54,10	medium	VW3M5D2B	VW3M5D2B	VW3M8D2A	VW3M5D6ARxx	VW3M5D6FRxx	VW3M8D2ARxx
3,0	2000	3000	14,32	42,97	180	LXM26B30MR2•	LXM26DU30M3X	BCH2MR3023C•6C	53,56	54,10	medium	VW3M5D2B	VW3M5D2B	VW3M8D2A	VW3M5D6ARxx	VW3M5D6FRxx	VW3M8D2ARxx
3,5	2000	3000	16,7	50,30	180	LXM26B35MR2•	LXM26DU45M3X	BCH2MR3523C•6C	53,56	54,10	medium	VW3M5D2B	VW3M5D2B	VW3M8D2A	VW3M5D6ARxx	VW3M5D6FRxx	VW3M8D2ARxx
4,5	1500	3000	28,65	71,62	180	LXM26B45MR1•	LXM26DU45M3X	BCH2MR4513C•6C	73,32	74,00	medium	VW3M5D2B	VW3M5D2B	VW3M8D2A	VW3M5D6ARxx	VW3M5D6FRxx	VW3M8D2ARxx

(1) To obtain the complete reference, replace the • by the letter designating the holding brake as follows: A = without brake, F = with brake  
 \* References composing the bundle: spare parts order number. Ex: LXM26DUA5M3X + BCH2MBA533CA5C = LXM26BA5MB3A  
 (2) Connector or cable is not included in the bundle reference, customers should order the connector to make their own cable or order the cable directly.  
 FXX: R15=1.5 m cable; R30=3 m cable; R50=5 m cable

#### >Fit for purpose

General servo functions  
2000 Hz speed loop bandwidth

#### >Easiness

Easy selection, simplified installation  
Auto-tuning function helps to fit general applications  
32 sets of motion control tasks

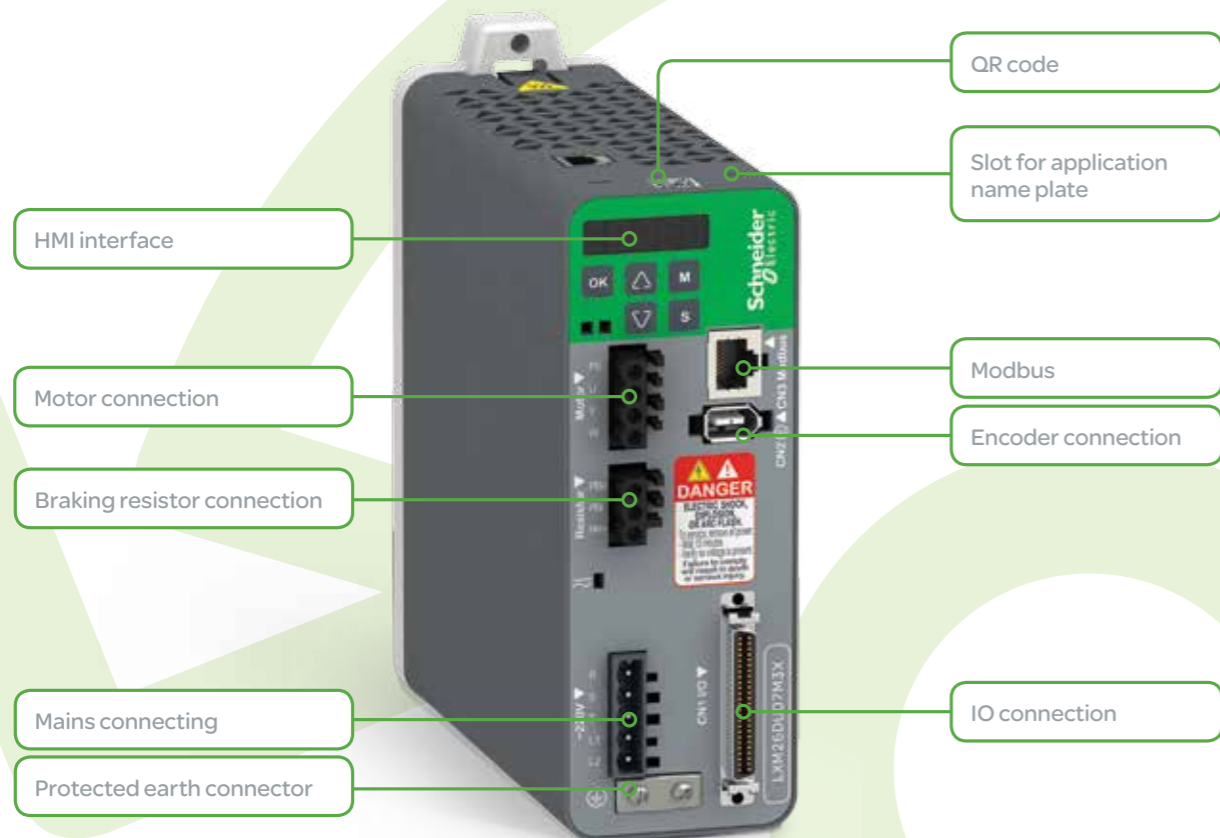
#### >Robustness

Protective coating on servo drive PCBA  
Oil sealing and IP65 protection on all motors  
Motors' working temp is -20 to 40 °C

#### >Availability

Strong distributor network  
Reliable after-sale service

## >Lexium Easy 26 Servo Drive



## >Lexium Easy 26 Servo Motor



BCH2 with free leads connection

BCH2 servo motor with MIL connectors

# Introducing Lexium Easy 26

The Easy line servo drive and motor bundles ranging from 0.05 to 4.5kW



*When just enough is just right!*