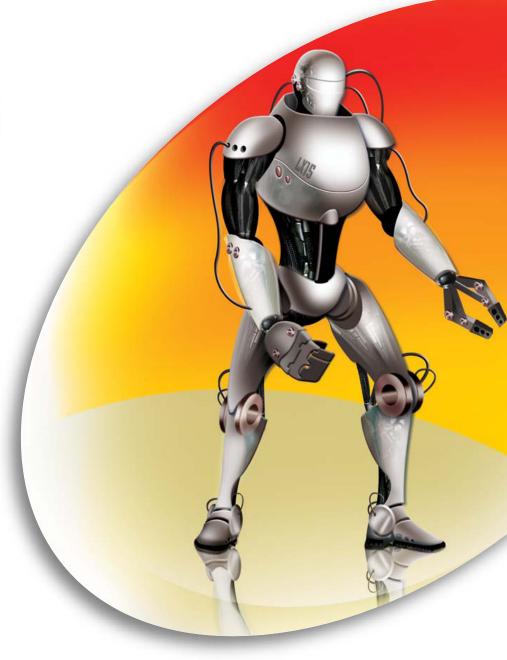# Lexium® 15

Servodrives and servomotors
Perhaps a little too *smart!*

Telemecanique

Lexium® 15 Servodrives

Adaptable
without compromise!

- From 0.9 kW to 42.5 kW.
- 4 configurable logic inputs and 2 configurable logic outputs, extendable using option cards
- 2 analog inputs.
- Integrated position indexer.
- 8 operating modes as standard.

- Integral EMC filter and braking resistors.

Lexium 15, comprising 3 servo drive models, is suited to all your needs.

Lexium 15 Servo Drive LP (Low Power)

- From 0.9 kW to 4.3 kW.
- 1.5 A / 3 A and 6 A on 3-phase 200 V to 480 V.
- 3 A / 6 A and 10 A on 1-phase or 3-phase 230 V.
- 200 programmable motion tasks.

Lexium 15 Servo Drive MP (Medium Power):

- From 5.7 to 11.4 kW.
- 10 A / 14 A and 20 A on 3-phase 200 V to 480 V.
- 180 programmable motion tasks.

Lexium 15 Servo Drive HP (High Power):

- From 22.3 to 42.5 kW.
- 40 A / 70 A on 3-phase 200 V to 480 V.
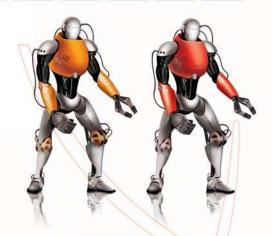- 180 programmable motion tasks

Selection guide

Lexium 15 servodrives

	Mo (Nm)	RPMmax	200…240 V 1-phase and 3-phase LXM15L			208…480V 3-phase			208…480V 3-phase LXM15M			208…480V 3-phase LXM15H	
			D13M3	D21M3	D28M3	D60N4	D10N4	D17N4	D28N4	D40N4	D56N4	C11N4X	C20N4X
BSH 0551P	0.5	6880	1.4 Nm			1.4 Nm							
0551T	0.5	8000	1.4 Nm										
0552M	0.9	6160				2.25 Nm							
0552P	0.9	8000	2.7 Nm			2.26 Nm							
0552T	0.9	5920	2.54 Nm										
0552M	1.3	4880				3.5 Nm							
0552P	1.3	8000	4.2 Nm				3.87 Nm						
0701P	1.41	8000	2.66 Nm			2.66 Nm							
0701T	1.36	4880	3.19 Nm	3.19 Nm			2.91 Nm						
0702M	2.12	4960				5.63 Nm							
0702P	2.12	8000	5.63 Nm				4.85 Nm						
0702T	2.12	8000		5.45 Nm				4.47 Nm					
0703P	2.83	8000		9.28 Nm				7.71 Nm					
0703T	2.83	8000			7.38 Nm								
1001P	3.39	3780		7.08 Nm			6.19 Nm						
1001T	3.39	6000			8.5 Nm								
1002P	5.52	6000		14.79 Nm				12.13 Nm					
1002T	5.52	5340			11.59 Nm								
1003M	7.76	2640					15.19 Nm	22.95 Nm					
1003P	7.76	6000			19.69 Nm				19.69 Nm	23.17 Nm			
1004M	9.31	2400					19.8 Nm	29.87 Nm		34.17 Nm			
1004P	9.31	4800							25.7 Nm	33.83 Nm			
1004T	9.31	4080								21.04 Nm			
1401M	11.4	2360							26 Nm				
1401P	11.4	4000							23.33 Nm	23.33 Nm			
1401T	11.4	3920									23.33 Nm		
1402M	19.2	2360								47.5 Nm			
1402P	19.2	4000								39.33 Nm	47.5 Nm		
1403M	25.4	2200								71.67 Nm			
1403P	25.4	4000									57.32 Nm		
1404M	32.1	2040								82.32 Nm	95 Nm		
2051M	36	2200								68.33 Nm	68.33 Nm	68.33 Nm	
2051P	36	3500										82 Nm	
2051T	36	3724										69.95 Nm	82 Nm
2052M	65	2190										200 Nm	200 Nm
2052P	65	3000										118.54 Nm	193.45 Nm
2053M	90	2190										227.18 Nm	300 Nm
2052P	90	3000											202.96 Nm

1.4 Nm = Value in Nm corresponding to the peak stall torque of the servodrive-motor combination

RPMmax = Maximum speed

Mo = Nominal stall torque in Nm

Selection guide

Lexium 15 servodrives

	Mo (Nm)	RPMmax	200...240 V 1-phase and 3-phase LXM15L			208...480V 3-phase			208...480V 3-phase LXM15M		
			D13M3	D21M3	D28M3	D60N4	D10N4	D17N4	D28N4	D40N4	D56N4
BDH 0401B	0.18	8000	0.61 Nm								
0402C	0.31	8000	1.08 Nm								
0403C	0.41	8000	1.46 Nm								
0582C	0.84	8000				2.34 Nm					
0582E	0.87	8000	2.42 Nm								
0583C	1.13	8000				3.2 Nm					
0583D	1.16	6540	3.58 Nm				3.58 Nm				
0583F	1.18	8000		3.52 Nm							
0584C	1.38	8000				3.94 Nm					
0584D	1.41	5420	4.4 Nm				4.4 Nm				
0584F	1.42	8000		4.46 Nm							
0701C	1.15	8000				3.34 Nm					
0701E	1.2	8000	3.24 Nm								
0702C	2.0	8000				5.74 Nm					
0702D	2.04	3750	6.51 Nm				6.51 Nm				
0702H	2.1	8000		5.36 Nm							
0703C	2.71	8000				7.83 Nm					
0703E	2.79	3140	8.55 Nm				8.55 Nm				
0703H	2.88	6630		7.35 Nm							
0841C	1.95	6630				5.12 Nm					
0841E	2.02	6630	5.33 Nm				5.13 Nm				
0841H	2.06	6630		4.78 Nm							
0842C	3.35	6630				9.37 Nm					
0842E	3.42	6630	9,72 Nm				9.41 Nm				
0842G	3.53	6630		9.56 Nm				8.66 Nm			
0842J	3.56	6630			7.56 Nm				7.56 Nm		
0843E	4.7	6630					11.7 Nm				
0843G	4.8	6630		13.2 Nm				11.68 Nm			
0843K	4.9	6630			9.02 Nm				9.02 Nm		
0844E	5.76	6630					14.1 Nm				
0844G	5.88	6630		16.1 Nm				13.97 Nm			
0844J	6.0	6630			12.18 Nm				12.18 Nm		
1081E	4.7	4010					10.71 Nm				
1081G	4.75	6000		10.82 Nm				10.82 Nm			
1081K	4.9	6000			9.22 Nm				9.22 Nm		
1082E	8.34	2470					18.08 Nm				
1082G	8.43	3840		19.51 Nm				19.51 Nm			
1082K	8.6	3840			16.9 Nm				16.9 Nm		
1082M	8.6	3000								16.7 Nm	
1083G	11.4	2880						25.8 Nm			
1083K	11.6	2880			22.9 Nm				22.9 Nm		
1083M	11.4	2000								22.1 Nm	
1083P	11.4	3000									22.2 Nm
1084G	14.3	2390						31.7 Nm			
1084K	14.4	4000			28.1 Nm				28.1 Nm		
1084L	14.1	4000								27.28 Nm	
1084N	14.1	4000									25.5 Nm
1382G	11.9	1860						25.6 Nm			
1382K	12.2	4500			22.7 Nm				22.7 Nm		
1382M	12.2	4500								22.8 Nm	
1382P	12.3	4500									23.2 Nm
1383G	16.5	1860						38.4 Nm			
1383K	16.8	3500			31 Nm				31 Nm		
1383M	17	3500								31.4 Nm	
1383N	17	4500									34.8 Nm
1384K	20.8	2500							41.2 Nm		
1384L	21	2500								41.9 Nm	
1384P	20.4	3500									40.2 Nm
1385K	24.8	2200							46.8 Nm		
1385M	25	2200								47.6 Nm	
1385N	24.3	3000									50.2 Nm
1882K	29.7	1800							59.4 Nm		
1882M	30	1800								59.8 Nm	
1882P	29.4	2500									58.4 Nm
1883M	42	3500								80.7 Nm	
1883P	41.6	1800									79.4 Nm
1884L	53	2800								108 Nm	
1884P	52.5	1400									106 Nm

1.4 Nm = Value in Nm corresponding to the peak stall torque of the servodrive-motor combination
RPMmax = Maximum speed
Mo = Nominal stall torque in Nm

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