

Variable Frequency Drive—Chassis

IP20 or NEMA 1 Enclosure

LSis S100 Series Drive

Standard Design

LSis S100
VARIABLE TORQUE
DRIVE CHASSIS ONLY

240V: 1 HP—25 HP
480V: 1 HP—100 HP

Standard Features for Base Model Include:

- ① 1 HP—100 HP Ratings in Stock
- ② IP20 or NEMA 1 Enclosure
- ③ -10°C—40°C VT
- ④ Three-phase Input
- ⑤ Sensorless Vector & V/Hz Available
- ⑥ Main Capacitor and Fan Lifecycle Estimation
- ⑦ Peer to Peer Communications
- ⑧ PID Loop Control Capable with Analog Input
- ⑨ Heat Sink Out of the Back Mounting Option
- ⑩ UL Plenum Rated
- ⑪ Two (2) Year Factory Warranty



Mult. Symbol	M105
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240V	Variable Torque		Frame	Dimensions (Inches)			Key Pad Built-In	DC Choke	List Price	
Model Number	HP ¹	Amps		H	W	D			IP20	NEMA 1 ²
LSLV0004S100-2EONNS	1	3.1	1	5.0	2.7	4.8	✓ ³	✓	\$341	\$373
LSLV0008S100-2EONNS	1.5	6	2	5.0	2.7	5.0	✓ ³	✓	\$392	\$424
LSLV0008S100-2EONNS	2	6	2	5.0	2.7	5.0	✓ ³	✓	\$392	\$424
LSLV0015S100-2EONNS	3	10	4	5.0	3.9	5.1	✓ ³	✓	\$452	\$484
LSLV0040S100-2EONNS	5	18	7	5.0	5.5	5.7	✓ ³	✓	\$703	\$735
LSLV0040S100-2EONNS	7.5	18	7	5.0	5.5	5.7	✓ ³	✓	\$703	\$735
LSLV0055S100-2EONNS	10	30	9	9.1	6.3	5.5	✓ ³	✓	\$924	\$959
LSLV0075S100-2EONNS	15	40	9	9.1	6.3	5.5	✓ ³	✓	\$1,130	\$1,165
LSLV0110S100-2EONNS	20	56	10	11.4	7.1	6.4	✓ ³	✓	\$1,456	\$1,491
LSLV0150S100-2EONNS	25	69	11	13.8	8.7	7.4	✓ ³	✓	\$1,657	\$1,692

480V	Variable Torque		Frame	Dimensions (Inches)			Key Pad Built-In	DC Choke	List Price	
Model Number	HP ¹	Amps		H	W	D			IP20	NEMA 1 ²
LSLV0004S100-2EONNS	1	2	1	5.0	2.7	4.8	✓ ³	✓	\$497	\$529
LSLV0008S100-2EONNS	1.5	3.1	2	5.0	2.7	5.0	✓ ³	✓	\$589	\$621
LSLV0008S100-2EONNS	2	3.1	2	5.0	2.7	5.0	✓ ³	✓	\$589	\$621
LSLV0015S100-4EONNS	3	5.1	4	5.0	3.9	5.1	✓ ³	✓	\$653	\$685
LSLV0040S100-4EONNS	5	10	7	5.0	5.5	5.7	✓ ³	✓	\$731	\$763
LSLV0040S100-4EONNS	7.5	10	7	5.0	5.5	5.7	✓ ³	✓	\$731	\$763
LSLV0055S100-4EOFNS	10	16	9	9.1	6.3	5.5	✓ ³	✓	\$954	\$989
LSLV0075S100-4EOFNS	15	23	9	9.1	6.3	5.5	✓ ³	✓	\$1,155	\$1,190
LSLV0110S100-4EOFNS	20	30	10	11.4	7.1	6.4	✓ ³	✓	\$1,531	\$1,566
LSLV0150S100-4EOFNS	25	38	10	11.4	7.1	6.4	✓ ³	✓	\$1,858	\$1,893
LSLV0185S100-4EOFNS	30	44	11	13.8	8.7	7.4	✓ ³	✓	\$2,124	\$2,159
LSLV0220S100-4EOFNS	40	58	11	13.8	8.7	7.4	✓ ³	✓	\$2,221	\$2,256
LSLV0300S100-4CONDS	50	75	12	17.7	10.8	11.2	✓ ⁴	✓	\$3,785	\$3,855
LSLV0370S100-4CONDS	60	91	13	20.1	12.8	11.2	✓ ⁴	✓	\$4,421	\$4,469
LSLV0450S100-4CONDS	75	107	13	20.1	12.8	11.2	✓ ⁴	✓	\$5,177	\$5,225
LSLV0550S100-4CONDS	100	142	14	21.7	12.8	12.2	✓ ⁴	✓	\$6,117	\$6,165

¹ HP ratings are for reference only. Starter size is dependent on the nameplate Full Load Amps (FLA) rating of the motor

² Price includes an IP20 Chassis and a NEMA 1 Conduit Kit

³ LED Keypad (7-Segment)

⁴ LCD Keypad.

Warranty on pp. 182—183