



MASTERFLEX[®]

L/S[®] VARIABLE-SPEED HAZARDOUS-DUTY DRIVES

IDEAL FOR AREAS THAT REQUIRE
SPECIAL ELECTRICAL PRECAUTIONS

FEATURES AND BENEFITS

- Deliver flow rates from 0.6 to 2450 mL/min (up to 40 GPH)
- 115 V AC motor: UL-listed for Class 1, Division 1 Group D, and Class 2, Division 1 Groups E, F and G hazardous locations
- 230/400V AC, 3-phase motor: EEx-d IIBT4 rating

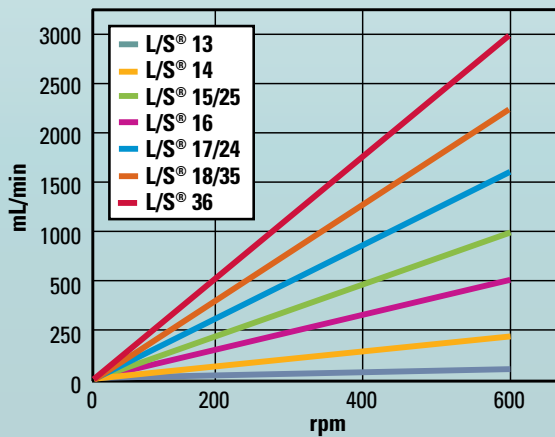


L/S Hazardous-Duty Drive
shown with an
Easy-Load[®] II pump head

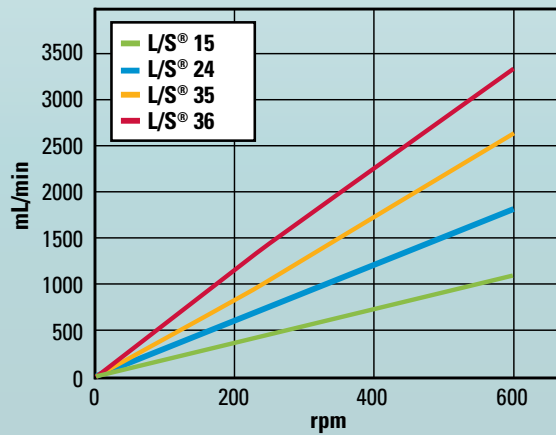


CATALOG NUMBER	MK-77713-00	MK-77713-01	MK-77713-02
Includes Pump Head	Easy-Load® II (thin wall)	Easy-Load® II (thick wall)	High-Performance (thick wall)
Max number of pump heads	2		1
PERFORMANCE			
Flow Capacity (ml/min)	0.6 to 1650	17 to 2075	18 to 2450
RPM	10 to 430		
Max torque	20 kg-cm (270 oz-in)		
Reversible	No (CCW from front)		
ELECTRICAL SPECIFICATIONS			
Voltage/Frequency VAC (Hz) – Phase	115 (60) – 1f		
Current	4.7 A		
Motor Type	Class 1, Div. 1, Grp. D		
Motor Size	190 W (1/4 hp)		
Motor/speed control type	Mechanical (zero-max) with lever		
PHYSICAL SPECIFICATIONS			
IP rating	IP55		
Agency approvals	UL, cUL, CE		
Operating temperature	1 to 40°C (34 to 104°F)		
Storage Temperature	-45 to 60°C (-49 to 140°F)		
Dimensions (L x W X H)	56 cm x 34.6 cm x 22.3 cm (22 1/16" x 13 5/8" x 8 3/4")		
Shipping Weight	27.4 kg (61 lb)	28.2 kg (62 lb)	


Flow Curves
L/S Easy-Load® II Pump Head



Flow Curves
L/S® High-Performance Pump Head



For more information:
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