



Certificate: 70084034

Master Contract: 174285

Project: 80184439

Date Issued: 09/26/2023

EVI	8-70 bar (116-1015 psi)	2"	30-800 l/min (8-208 US gpm)
	8-47 bar (116-690 psi)	2-1/2"	500-1530 l/min (130-400 US gpm)
	8-100 bar (116-1450 psi)	3/4"	10-125 l/min (2-33 US gpm)
	8-70 bar (116-1015 psi)	1-1/2"	30-400 l/min (8-106 US gpm)
	8-70 bar (116-1015 psi)	2"	30-800 l/min (8-208 US gpm)
EVI0	8-47 bar (116-690 psi)	2-1/2"	500-1530 l/min (130-404 US gpm)
	8-100 bar (116-1450 psi)	3/4"	10-125 l/min (2-33 US gpm)
	8-70 bar (116-1015 psi)	1-1/2"	30-400 l/min (8-106 US gpm)
	8-70 bar (116-1015 psi)	2"	30-800 l/min (8-208 US gpm)
EVI00	8-47 bar (116-690 psi)	2-1/2"	500-1530 l/min (130-404 US gpm)
	8-100 bar (116-1450 psi)	3/4"	10-125 l/min (2-33 US gpm)
	8-70 bar (116-1015 psi)	1-1/2"	30-400 l/min (8-106 US gpm)
	8-70 bar (116-1015 psi)	2"	30-800 l/min (8-208 US gpm)
EV4/40	8-47 bar (116-690 psi)	2-1/2"	500-1530 l/min (130-400 US gpm)
	8-55 bar (116-797 psi)	3/4"	10-125 l/min (2-33 US gpm)
	8-55 bar (116-797 psi)	1-1/2"	30-400 l/min (8-106 US gpm)
	8-55 bar (116-797 psi)	2"	30-800 l/min (8-208 US gpm)
SEV series	8-55 bar (116-797 psi)	2-1/2"	500-1530 l/min (130-400 US gpm)
	9-70 bar (130-1015 psi)	1"	40-180 l/min (10-46 gpm)
	9-70 bar (130-1015 psi)	1-1/2"	181-430 l/min (47-114 gpm)
	9-70 bar (130-1015 psi)	2"	431-580 l/min (114-156 gpm)
KV1-P, KV1-S, KV2-P, KV2-S	9-47 bar (130-690 psi)	2-1/2"	<12 bar-1000 l/min (<174 psi-260 gpm) >12 bar-1200 l/min (>174 psi-317 gpm)
	8-100 bar (116-1450 psi)	1/2"	10-80 l/min (2-21 US gpm)

Solenoids AC: 24V/1.8A, 42V/1.0A, 110V/0.43A, 230V/0.18A, 50/60 Hz.

Solenoids DC: 12V/2.0A, 24V/1.1A, 42V/0.5A, 48V/0.6A, 80V/0.3A, 110V/0.25A, 196V/0.14A

See certificate 70084049.

Notes:

1. These valves are intended for use with ISO Grade 46 hydraulic fluid.
2. These valves are intended for an operating oil temperature range of +10° (300 cSt) to 70°C (20 cSt)
3. The valves have been subjected to an endurance test of 500,000 operations for elevator controls.

Hydraulic elevator control valve with solenoids

Models	Connection Size	Flow Rate	Pressure
EVI0	3/4"	10-125 l/min (2-33 US gpm) max	8-100 Bar (116-1500 psi)
	1-1/2"	30-400 l/min (8-106 US gpm) max	8-70 Bar (116-1030 psi)
	2"	30-800 l/min (8-208 US gpm) max	8-70 Bar (116-1030 psi)
	2-1/2"	500-1530 l/min (130-400 US gpm) max	8-47 Bar (116-690 psi)
EVI00	3/4"	10-125 l/min (2-33 US gpm) max	8-100 Bar (116-1500 psi)
	1-1/2"	30-400 l/min (8-106 US gpm) max	8-70 Bar (116-1030 psi)
	2"	30-800 l/min (8-208 US gpm) max	8-70 Bar (116-1030 psi)



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	2-1/2"	500-1530 l/min (130-400 US gpm) max	8-47 Bar (116-690 psi)
KV1-P, KV1-S, KV2-P, KV2-S	1/2"	10-80 l/min (2-21 US gpm) max	8-100 Bar (116-1500 psi)

Solenoids AC: 24V/1.8A, 42V/1.0A, 110V/0.43A, 230V/0.18A, 50/60 Hz

Solenoids DC: 12V/2.0A, 24V/1.1A, 42V/0.5A, 48V/0.6A, 80V/0.3A, 110V/0.25A, 196V/0.14A

Models	Connection Size (in)	Flow Rate	Pressure
EV10	3/4	10-125 l/min (2-33 US gpm) Max	8-100 Bar (116-1500 psi)
	1-1/2	30-400 l/min (8-106 US gpm) Max	8-70 Bar (116-1030 psi)
	2	30-800 l/min (8-208 US gpm) Max	8-70 Bar (116-1030 psi)
	2-1/2	500-1530 l/min (130-400 US gpm) Max	8-47 Bar (116-690 psi)
EV100	3/4	10-125 l/min (2-33 US gpm) Max	8-100 Bar (116-1500 psi)
	1-1/2	30-400 l/min (8-106 US gpm) Max	8-70 Bar (116-1030 psi)
	2	30-800 l/min (8-208 US gpm) Max	8-70 Bar (116-1030 psi)
	2-1/2	500-1530 l/min (130-400 US gpm) Max	8-47 Bar (116-690 psi)
KV1-P, KV1-S, KV2-P	1/2	10-80 l/min (2-21 US gpm) Max	8-100 Bar (116-1500 psi)



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APPLICABLE REQUIREMENTS

CSA C22.2 No. 139-19 (Fifth Edition) - Electrically operated valves

ASME A17.1-2016/CSA B44-16 (Fourth Edition) - Safety Code for Elevators and Escalators



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Notes:

Products certified under Class C322105, C322185 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

