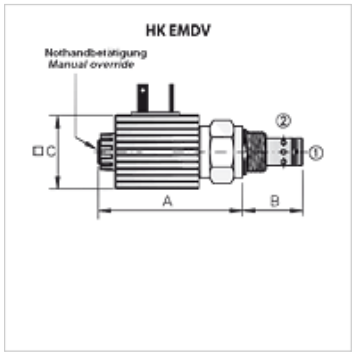
HK EMDV

2/2-way solenoid-controlled seat valve EMDV

Properties

Scope of supply	with coil, without plug
Operating pressure	max. 350 bar





Note

Caution!
Type HKEMDV10N01/NC1 valves are not seat valves
Please use rectifier plug HKSP669 for HKEMDV08***230AC valves
Tightening torque for valve size 08 with Alu housing: 34-41 Nm
Tightening torque for valve size 08 with Steel housing: 47-54 Nm
Tightening torque for valve size 10 with Alu housing: 47-54 Nm
Tightening torque for valve size 10 with Steel housing: 74-81 Nm
Tightening torque for valve size 12 with Alu housing: 74-81 Nm
Tightening torque for valve size 12 with Steel housing: 95-102 Nm

Item

Identification	Control	Volumetric flow max. (L/min)	A (mm)	B (mm)	C (mm)	Screw-in housing	Screw-in thread	De-sign	Rated voltage/ current type	Wei-ght (kg)
HK EMDV 08 N08 12DC	pilot-controlled	38,0	78,7	27,9	34,3	HK GEH 38 C 0820	SAE 8/2 3/4"-16UNF-2B	(1)	12 VDC	0,36
HK EMDV 08 N08 24DC	pilot-controlled	38,0	78,7	27,9	34,3	HK GEH 38 C 0820	SAE 8/2 3/4"-16UNF-2B	(1)	24 VDC	0,36
HK EMDV 08 N08 230AC	pilot-controlled	38,0	78,7	27,9	34,3	HK GEH 38 C 0820	SAE 8/2 3/4"-16UNF-2B	(1)	230 VAC	0,36
HK EMDV 08 NC8 12DC	pilot-controlled	38,0	71,1	27,9	34,3	HK GEH 38 C 0820	SAE 8/2 3/4"-16UNF-2B	(1)	12 VDC	0,36
HK EMDV 08 NC8 24DC	pilot-controlled	38,0	71,1	27,9	34,3	HK GEH 38 C 0820	SAE 8/2 3/4"-16UNF-2B	(1)	24 VDC	0,36
HK EMDV 08 NC8 230AC	pilot-controlled	38,0	71,1	27,9	34,3	HK GEH 38 C 0820	SAE 8/2 3/4"-16UNF-2B	(1)	230 VAC	0,36
HK EMDV 08 NC3 12DC	directly controlled	19,0	78,7	27,9	34,3	HK GEH 38 C 0820	SAE 8/2 3/4"-16UNF-2B	(1)	12 VDC	0,41
HK EMDV 08 NC3 24DC	directly controlled	19,0	78,7	27,9	34,3	HK GEH 38 C 0820	SAE 8/2 3/4"-16UNF-2B	(1)	24 VDC	0,41
HK EMDV 08 NC3 230AC	directly controlled	19,0	78,7	27,9	34,3	HK GEH 38 C 0820	SAE 8/2 3/4"-16UNF-2B	(1)	230 VAC	0,41
HK EMDV 10 N01 12DC	directly controlled	30,0	93,2	32,5	45,2	HK GEH 38 C1020	SAE 10/2 7/8"-14UNF-2B	(2)	12 VDC	0,88
HK EMDV 10 N01 24DC	directly controlled	30,0	93,2	32,5	45,2	HK GEH 38 C1020	SAE 10/2 7/8"-14UNF-2B	(2)	24 VDC	0,88
HK EMDV 10 N01 230AC	directly controlled	30,0	93,2	32,5	45,2	HK GEH 38 C1020	SAE 10/2 7/8"-14UNF-2B	(2)	230 VAC	0,88
HK EMDV 10 NC1 12DC	directly controlled	30,0	93,2	32,5	45,2	HK GEH 38 C1020	SAE 10/2 7/8"-14UNF-2B	(2)	12 VDC	0,88
HK EMDV 10 NC1 24DC	directly controlled	30,0	93,2	32,5	45,2	HK GEH 38 C1020	SAE 10/2 7/8"-14UNF-2B	(2)	24 VDC	0,88
HK EMDV 10 NC1 230AC	directly controlled	30,0	93,2	32,5	45,2	HK GEH 38 C1020	SAE 10/2 7/8"-14UNF-2B	(2)	230 VAC	0,88
HK EMDV 12 N04 12DC	pilot-controlled	136,0	90,5	44,4	45,2	HK GEH 12 C1220 / HK GEH 34 C1220	SAE 12/2 1.1/16"-12UNF-2B	(2)	12 VDC	0,90
HK EMDV 12 N04 24DC	pilot-controlled	136,0	90,5	44,4	45,2	HK GEH 12 C1220 / HK GEH 34 C1220	SAE 12/2 1.1/16"-12UNF-2B	(2)	24 VDC	0,90
HK EMDV 12 N04 230AC	pilot-controlled	136,0	90,5	44,4	45,2	HK GEH 12 C1220 / HK GEH 34 C1220	SAE 12/2 1.1/16"-12UNF-2B	(2)	230 VAC	0,90
HK EMDV 12 NC4 12DC	pilot-controlled	136,0	90,5	44,4	45,2	HK GEH 12 C1220 / HK GEH 34 C1220	SAE 12/2 1.1/16"-12UNF-2B	(1)	12 VDC	0,90
HK EMDV 12 NC4 24DC	pilot-controlled	136,0	90,5	44,4	45,2	HK GEH 12 C1220 / HK GEH 34 C1220	SAE 12/2 1.1/16"-12UNF-2B	(1)	24 VDC	0,90
HK EMDV 12 NC4 230AC	pilot-controlled	136,0	90,5	44,4	45,2	HK GEH 12 C1220 / HK GEH 34 C1220	SAE 12/2 1.1/16"-12UNF-2B	(1)	230 VAC	0,90

(1) without manual emergency operation – (2) with manual emergency operation

Accessories

HK GEH 20 AL	Aluminium housing for SAE 2-way cartridge valve
HK GEH 20 GGG	GGG40 housing for SAE 2-way cartridge valve
HK SP DIN 43650	Electrical plug for solenoid coil DIN 43650 / ISO 4400
HK SP EMDV	Coil for cartridge valve EMDV

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