HK 42 C1 (7/G/Q/R)

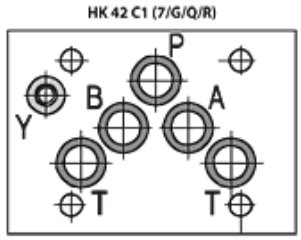
Solenoid-operated directional control valve NG10

HANSA-FLEX

Properties

Design	4/2-way valve or 4/3-way valve with manual emergency operation
Scope of supply	with coil, without plug
Operating pressure	P, A, B: max. 350bar / T: max. 100bar
Volumetric flow	max. 140 l/min (note characteristic curves)
Connection	ISO/Cetop 05 size 10
Mounting	4 pcs. socket head screw M6x40 12.9





Description

switching capacity limits see characteristic curves

Ordering information

Further circuits and versions, volumetric flows and switching power limits on request

Item

Identification	Type	Rated voltage/ current type	Overlap	Piston type	Design	Weight (kg)
HK 42 3151 0101 C1 R	4/2	12 VDC	positive (closed)	51 [PB/AT]-[PA/BT]	Spring return	3,4
HK 42 3151 0101 C1 Q	4/2	24 VDC	positive (closed)	51 [PB/AT]-[PA/BT]	Spring return	3,4
HK 42 3151 0101 C1 G	4/2	205 VDC	positive (closed)	51 [PB/AT]-[PA/BT]	Spring return	3,4
HK 42 3151 0101 C1 7	4/2	230 VAC 50 Hz	positive (closed)	51 [PB/AT]-[PA/BT]	Spring return	3,4
HK 42 3111 0101 C1 R	4/2	12 VDC	negative (open)	11 [PB/AT]-[PA/BT]	Spring return	3,4
HK 42 3111 0101 C1 Q	4/2	24 VDC	negative (open)	11 [PB/AT]-[PA/BT]	Spring return	3,4
HK 42 3111 0101 C1 G	4/2	205 VDC	negative (open)	11 [PB/AT]-[PA/BT]	Spring return	3,4
HK 42 3111 0101 C1 7	4/2	230 VAC 50 Hz	negative (open)	11 [PB/AT]-[PA/BT]	Spring return	3,4
HK 42 3151 0201 C1 R	4/2	12 VDC	positive (closed)	51 [PB/AT]-[PA/BT]	Spring return	3,4
HK 42 3151 0201 C1 Q	4/2	24 VDC	positive (closed)	51 [PB/AT]-[PA/BT]	Spring return	3,4
HK 42 3151 0201 C1 G	4/2	205 VDC	positive (closed)	51 [PB/AT]-[PA/BT]	Spring return	3,4
HK 42 3151 0201 C1 7	4/2	230 VAC 50 Hz	positive (closed)	51 [PB/AT]-[PA/BT]	Spring return	3,4
HK 42 3101 0601 C1 R	4/2	12 VDC	negative (open)	01 [PB/AT]-[ABPT]	Spring return	3,4
HK 42 3101 0601 C1 Q	4/2	24 VDC	negative (open)	01 [PB/AT]-[ABPT]	Spring return	3,4
HK 42 3101 0601 C1 G	4/2	205 VDC	negative (open)	01 [PB/AT]-[ABPT]	Spring return	3,4
HK 42 3101 0601 C1 7	4/2	230 VAC 50 Hz	negative (open)	01 [PB/AT]-[ABPT]	Spring return	3,4
HK 42 3103 0601 C1 R	4/2	12 VDC	positive (closed)	03 [PB/AT]-[A/B/P/T]	Spring return	3,4
HK 42 3103 0601 C1 Q	4/2	24 VDC	positive (closed)	03 [PB/AT]-[A/B/P/T]	Spring return	3,4
HK 42 3103 0601 C1 G	4/2	205 VDC	positive (closed)	03 [PB/AT]-[A/B/P/T]	Spring return	3,4
HK 42 3103 0601 C1 7	4/2	230 VAC 50 Hz	positive (closed)	03 [PB/AT]-[A/B/P/T]	Spring return	3,4
HK 42 3108 0601 C1 R	4/2	12 VDC	positive (closed)	08 [PB/AT]-[ABT/P]	Spring return	3,4
HK 42 3108 0601 C1 Q	4/2	24 VDC	positive (closed)	08 [PB/AT]-[ABT/P]	Spring return	3,4
HK 42 3108 0601 C1 G	4/2	205 VDC	positive (closed)	08 [PB/AT]-[ABT/P]	Spring return	3,4
HK 42 3108 0601 C1 7	4/2	230 VAC 50 Hz	positive (closed)	08 [PB/AT]-[ABT/P]	Spring return	3,4
HK 42 3107 0601 C1 R	4/2	12 VDC	negative (open)	07 [PA/BT]-[A/B/PT]	Spring return	3,4
HK 42 3107 0601 C1 Q	4/2	24 VDC	negative (open)	07 [PA/BT]-[A/B/PT]	Spring return	3,4
HK 42 3107 0601 C1 G	4/2	205 VDC	negative (open)	07 [PA/BT]-[A/B/PT]	Spring return	3,4
HK 42 3107 0601 C1 7	4/2	230 VAC 50 Hz	negative (open)	07 [PA/BT]-[A/B/PT]	Spring return	3,4
HK 42 3172 0101 C1 R	4/2	12 VDC	positive (closed)	72 [PA/B/T]-[PB/A/T]	Spring return	3,4
HK 42 3172 0101 C1 Q	4/2	24 VDC	positive (closed)	72 [PA/B/T]-[PB/A/T]	Spring return	3,4
HK 42 3172 0101 C1 G	4/2	205 VDC	positive (closed)	72 [PA/B/T]-[PB/A/T]	Spring return	3,4
HK 42 3172 0101 C1 7	4/2	230 VAC 50 Hz	positive (closed)	72 [PA/B/T]-[PB/A/T]	Spring return	3,4
HK 42 3201 0302 C1 R	4/3	12 VDC	negative (open)	01 [PB/AT]-[ABPT]-[PA/BT]	spring return to 0	3,6
HK 42 3201 0302 C1 Q	4/3	24 VDC	negative (open)	01 [PB/AT]-[ABPT]-[PA/BT]	spring return to 0	3,6
HK 42 3201 0302 C1 G	4/3	205 VDC	negative (open)	01 [PB/AT]-[ABPT]-[PA/BT]	spring return to 0	3,6
HK 42 3201 0302 C1 7	4/3	230 VAC 50 Hz	negative (open)	01 [PB/AT]-[ABPT]-[PA/BT]	spring return to 0	3,6
HK 42 3203 0302 C1 R	4/3	12 VDC	positive (closed)	03 [PB/AT]-[A/B/P/T]-[PA/BT]	spring return to 0	3,6
HK 42 3203 0302 C1 Q	4/3	24 VDC	positive (closed)	03 [PB/AT]-[A/B/P/T]-[PA/BT]	spring return to 0	3,6
HK 42 3203 0302 C1 G	4/3	205 VDC	positive (closed)	03 [PB/AT]-[A/B/P/T]-[PA/BT]	spring return to 0	3,6
HK 42 3203 0302 C1 7	4/3	230 VAC 50 Hz	positive (closed)	03 [PB/AT]-[A/B/P/T]-[PA/BT]	spring return to 0	3,6
HK 42 3208 0302 C1 R	4/3	12 VDC	positive (closed)	08 [PB/AT]-[ABT/P]-[PA/BT]	spring return to 0	3,6

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Item

Identification	Type	Rated voltage/ current type	Overlap	Piston type	Design	Weight (kg)
HK 42 3208 0302 C1 Q	4/3	24 VDC	positive (closed)	08 [PB/AT]-[ABT/P]-[PA/BT]	spring return to 0	3,6
HK 42 3208 0302 C1 G	4/3	205 VDC	positive (closed)	08 [PB/AT]-[ABT/P]-[PA/BT]	spring return to 0	3,6
HK 42 3208 0302 C1 7	4/3	230 VAC 50 Hz	positive (closed)	08 [PB/AT]-[ABT/P]-[PA/BT]	spring return to 0	3,6
HK 42 3207 0302 C1 R	4/3	12 VDC	negative (open)	07 [PA/BT]-[A/B/PT]-[PB/AT]	spring return to 0	3,6
HK 42 3207 0302 C1 Q	4/3	24 VDC	negative (open)	07 [PA/BT]-[A/B/PT]-[PB/AT]	spring return to 0	3,6
HK 42 3207 0302 C1 G	4/3	205 VDC	negative (open)	07 [PA/BT]-[A/B/PT]-[PB/AT]	spring return to 0	3,6
HK 42 3207 0302 C1 7	4/3	230 VAC 50 Hz	negative (open)	07 [PA/BT]-[A/B/PT]-[PB/AT]	spring return to 0	3,6
HK 42 3751 0902 C1 R	4/2	12 VDC	positive (closed)	51 [PB/AT]-[PA/BT]	2 latching positions	3,6
HK 42 3751 0902 C1 Q	4/2	24 VDC	positive (closed)	51 [PB/AT]-[PA/BT]	2 latching positions	3,6
HK 42 3751 0902 C1 G	4/2	205 VDC	positive (closed)	51 [PB/AT]-[PA/BT]	2 latching positions	3,6
HK 42 3751 0902 C1 7	4/2	230 VAC 50 Hz	positive (closed)	51 [PB/AT]-[PA/BT]	2 latching positions	3,6

Piston type example: [A/B/PT] = [A blocked / B blocked / P+T connected]

Accessories

HK SP 42C	Coil for solenoid-operated directional control valve HK42C
HK SP DIN 43650	Electrical plug for solenoid coil DIN 43650 / ISO 4400
HK M HK 42 C	Set of bolts for NG10 valves type HK 42 C

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