

HERION 26230, 80100 SERIES

Indirect solenoid actuated spool valves

6 & 12 mm orifice (ND) 3/2, 5/2, 5/3, G1/4, G1/2



- Standard manual override with detent
- Compact design
- High flow rate
- Simple design of soft spool seal system
- Maintenance-free
- Easily interchangeable solenoid and softseal spool

- Flow direction:** Fixed
- Mounting position:** Optional, preferably with solenoid on top
- Ambient temperature:** Depending on solenoid system -10°C ... 50°C
For temperatures below 0°C use conditioned dry air. If installed outdoors protect all connections against the penetration of moisture. Consult our Technical Service for use below +2°C.
- Electrical connection:** Connector interface to DIN 43650 form B
Connector interface to DIN EN 175301-803 form A and B

TECHNICAL DATA

- Medium:** Compressed air, filtered, lubricated and non-lubricated
- Operating pressure:** 1 ... 10 bar

Actuation	Port size	Operating pressure (bar) min.	Operating pressure (bar) max.	Flow (l/min)	Power drawn (W)	Drawing no.	MODELS	ACCESSORIES				
								Straight fitting	Elbow fitting	Silencer	Basic plug Form B	Basic plug Form A
 3/2 mono NC	G1/4	1	10 ^{*3}	1200	< 5	(1)	 8010750xxxx***** *2) 8010850xxxx***** *2)	 C00220828 C00221228	 C02470828 C02471228	 T40C2800 T40C4800	 0680003 0680003	 0570275 0570275
	G1/2	1,5	10 ^{*3}	3000	< 5	(2)						
 3/2 mono NO	G1/4	1	10 ^{*3}	1200	< 5	(1)	 8012750xxxx***** *2) 8012850xxxx***** *2)	 C00220828 C00221228	 C02470828 C02471228	 T40C2800 T40C4800	 0680003 0680003	 0570275 0570275
	G1/2	1,5	10 ^{*3}	3000	< 5	(2)						
 3/2 bi	G1/4	1	10	1200	< 5	(3)	8011750xxxx*****	C00220828	C02470828	T40C2800	0680003	0570275
 5/2 mono	G1/4	1	10 ^{*3}	1200	< 5	(5)	 2623000xxxx***** *2) 2623500xxxx***** *2)	 C00220828 C00221228	 C02470828 C02471228	 T40C2800 T40C4800	 0680003 0680003	 0570275 0570275
	G1/2	2	10 ^{*3}	3000	< 5	(6)						
 5/2 bi	G1/4	1	10	1200	< 5	(7)	 2623100xxxx***** 2623600xxxx*****	 C00220828 C00221228	 C02470828 C02471228	 T40C2800 T40C4800	 0680003 0680003	 0570275 0570275
	G1/2	2	10	3000	< 5	(8)						
 5/3 - COE	G1/4	3	10	900	< 5	(9)	 2623200xxxx***** 2623700xxxx*****	 C00220828 C00221228	 C02470828 C02471228	 T40C2800 T40C4800	 0680003 0680003	 0570275 0570275
	G1/2	2,5	10	2200	< 5	(10)						
 5/3 - APB	G1/4	3	10	900	< 5	(9)	 2623300xxxx***** 2623800xxxx*****	 C00220828 C00221228	 C02470828 C02471228	 T40C2800 T40C4800	 0680003 0680003	 0570275 0570275
	G1/2	2,5	10	2200	< 5	(10)						
 5/3 - COP	G1/4	3	10	900	< 5	(9)	2623400xxxx*****	C00220828	C02470828	T40C2800	0680003	0570275
 3/2 mono NC	G1/4	2	8 ^{*3}	1200	< 2	(1)	 8010751xxxx***** *2) 8010851xxxx*****	 C00220828 C00221228	 C02470828 C02471228	 T40C2800 T40C4800	 0680003 0680003	 0570275 0570275
	G1/2	2	8 ^{*3}	3000	< 2	(2)						
 5/2 mono	G1/4	2	8 ^{*3}	1200	< 2	(5)	 2623001xxxx***** *2) 2623501xxxx***** *2)	 C00220828 C00221228	 C02470828 C02471228	 T40C2800 T40C4800	 0680003 0680003	 0570275 0570275
	G1/2	2	8 ^{*3}	3000	< 2	(6)						
 5/2 bi	G1/4	2	8	1200	< 2	(7)	 2623101xxxx***** 2623601xxxx*****	 C00220828 C00221228	 C02470828 C02471228	 T40C2800 T40C4800	 0680003 0680003	 0570275 0570275
	G1/2	2	8	3000	< 2	(8)						

All types with manual override.
 xxxx Insert solenoid codes from table below ***** Insert voltage codes from table below.
^{*2}) Port 3 is not throttleable ^{*3}) Stagnation pressure at R . operating pressure - 1 bar.
 APB = All Ports Blocked, COE = Centre Open Exhaust, COP = Centre Open Pressure.

For further information



www.norgren.com/info/en3-188

Voltage codes

Voltage	Code
24 V d.c.	02400
24 V a.c.	02450
230 V a.c.	23050
Without coil	00000

Solenoid actuators

	Power consumption		Rated current at		Protection class fluid max.	Temperature ambient/ fluid °C	Circuit diagram no.	Drawing no.	Solenoid codes
	24V DC W	230V AC VA	24V DC mA	230V AC mA					
	4,8 1,7	8,5 4,3	- -	- -	IP 00 without connector, IP 65 with connector* Form B * ⁶⁾	-40 ... +50	11	1	3052 3050
	4,5 1,6	8,0 3,5	- -	- -	IP 00 without connector, IP 65 with connector* Form A * ⁶⁾	-40 ... +50	12	1	3030 3036
	-	-	2,1	-	- Cat. II2G, EEx m II T5 3 m cable * ²⁾	-20 ... +50	13	8	3063
	5,0	-	-	-	Cat. II2G, EEx m II T4 3 m cable * ²⁾	-20 ... +50	13	1	3060
	-	-	5,0	-	- Cat. II2G, EEx m II T4 3 m cable * ²⁾	-20 ... +50	13	8	3061

* Connector not supplied, Order No.: form A 0570275, form B 0680003, DIN EN 1753301-803.

*²⁾ Certificate of Conformity PTB No. 03 ATEX 2015 X.

Valves and solenoids can only be combined if their electrical ratings correspond with each other (see table »General information«).

For valve with power consumption < 5 watt please use 4,8 or 4,5 watt solenoids.

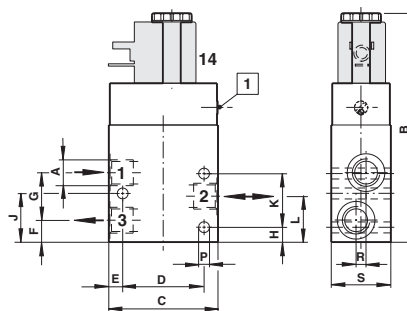
For valve with power consumption < 2 watt please use 1,7 or 1,6 watt solenoids.

Standard voltages 24 V DC, 230 V AC. Further versions on request.

DIMENSIONS

Valve dimensions

① ②



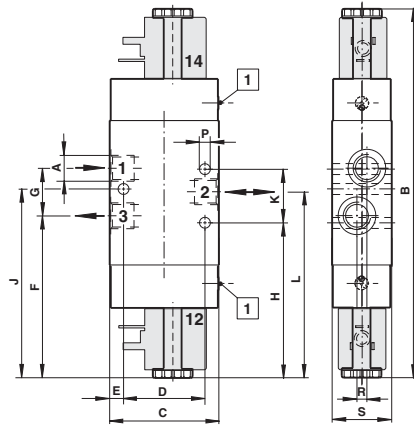
1 Manual override

Drawing no.	A	B	C	D	E	F	G	H	J	K	L	Ø P	R	S
1	G1/4	115,5	55	41	7	11	24	7,5	24,5	27	23	5,5	5	30
2	G1/2	143,5	65	46	9,5	29	33	31,5	-	46	50	7	2,5	35

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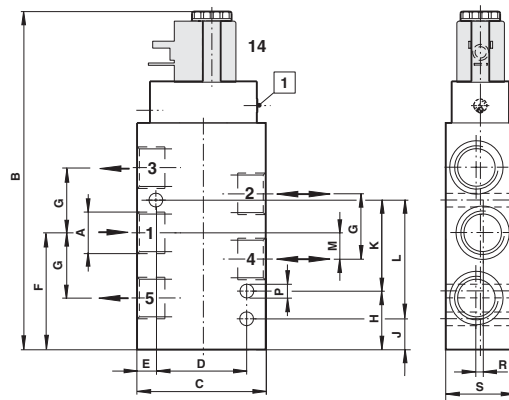
③ ④



1 Manual override

Drawing no.	A	B	C	D	E	F	G	H	J	K	L	Ø P	R	S
3	G1/4	186,5	55	41	7	81,5	24	78	95	27	93,5	5,5	5	30
4	G1/2	195,5	65	46	9,5	81	33	81	-	46	100,5	7	2,5	35

⑤ ⑥



1 Manual override

Drawing no.	A	B	C	D	E	F	G	H	J	K	L	M	Ø P	R	S
5	G1/4	139,5	55	40	7,5	35	24	-	5	-	67	12	7	5	30
6	G1/2	171,5	65	46	9,5	59,5	33	30	16	46	60	13	7	3	35