

Click-on®
Solenoid interchangeable without tools



BUSCHJOST 84680 SERIES

3/2 - way valves DN 1,6 & DN 3,0

Pilot valve for pressure actuated valves
Indirectly solenoid actuated
Seat valve
Compact design
Complete with connector and gasket
Interchangeable solenoid system
Silenced exhaust
Low power consumption

TECHNICAL DATA

Solenoid valve for filtered, lubricated or non-lubricated compressed air or neutral liquids

Switching function:

Normally closed

Flow direction:

Determined

Connection P female thread:

G1/4; connection A male thread G1/4

Operating pressure:

1 ... 10 bar

Temperature:

Fluid: -10°C ... max. +60°C

Ambient: -10°C ... max. +60°C

Mounting position:


As required, preferably with solenoid vertical on top

MATERIALS

Body: Brass

Seat seal: TPU

Internal parts: Stainless steel, PPS

Symbol	Port size*	DN mm	Flow l/min	Switching time** ms		MODELS***	Operating pressure bar		
				On	Off		TPU	Normally open	Manual override
	G1/4	3,0	3,3	15,0	81,9	84680XX.9151.00000	1 - 10	1 - 10	1 - 10

* P = G1/4 internal

A = G1/4 external

R = Silenced exhaust to atmosphere

** For 6 bar according to DIN VDI 3290 with solenoid for DC

*** For orders please state voltage and frequency, e.g.: 8466000.9101.23050 for 230V 50Hz or 8466000.9101.02400 for 24V DC

For further information



www.norgren.com/info/en3-272

Solenoid 9151 (standard voltages)

DC	AC	
	50Hz	60Hz
24V	24V	–
–	110V	120V
	230V	220V

Design according to DIN VDE 0580

Voltage range +/-10%, duty cycle 100%

Protection class according to EN 60529: IP65

Electrical connection Form A according to DIN EN 175301-803 (included)

The solenoids are UL listed and CSA approved

Power consumption

Solenoid	DC	AC	
		Inrush	Holding
9151	18W	45VA	35VA

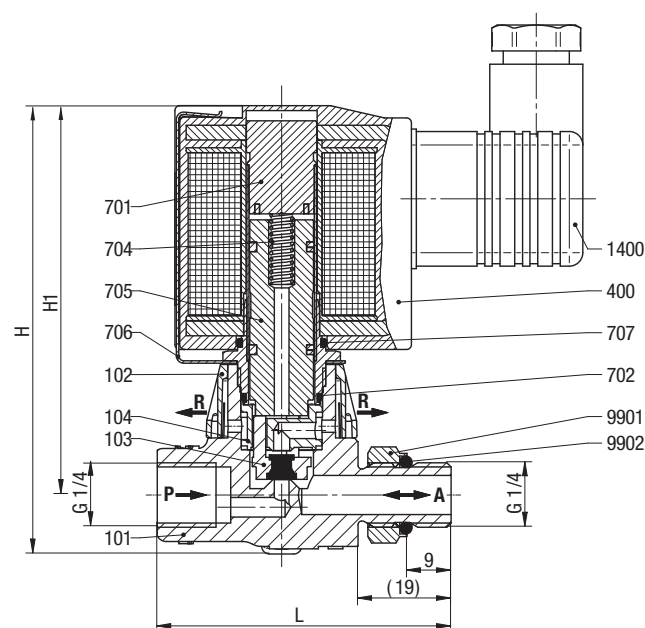
DIMENSIONS

Index	Description
101	Valve body
102	Protective cap
*103	Valve plate
104	Valve seat
400	Solenoid
701	Core tube
702	O-ring
*704	Pressure spring
706	Spring clip
707	O-ring
1400	Electrical connector
9901	Hexagon nut
9902	Gasket

* A service kit consists of these individual parts

Port size	L mm	H mm	H1 mm
G1/4	60	91,0	79,0

With solenoid 9151




Service kits

For valves	MODELS
8466000	1260613
8468000	1260615

Further options (valves)

XXXXX53.XXXX Connection P female thread G1/8,
connection A male thread G1/8

Further options (solenoids)

XXXXXXX.9191 Solenoid in protection class  II 2 GD EEx m
II T4 T 140°C

Further options on request