

## DDC-JQ Electro-Vacuum Charging Valve



### Introduction

DDC-JQ electro-vacuum charging valve is a safety valve for vacuum pump. It is mounted at the intake nozzle of vacuum pump. In case that vacuum pump stops working or power supply is suddenly broken off, valve will be closed automatically to maintain the vacuum constant and inject air into the pump chamber, thus to prevent the pollution of vacuum system due to reverse flow of oil. Applicable medium can be pure air and noncorrosive gases.

### Specification

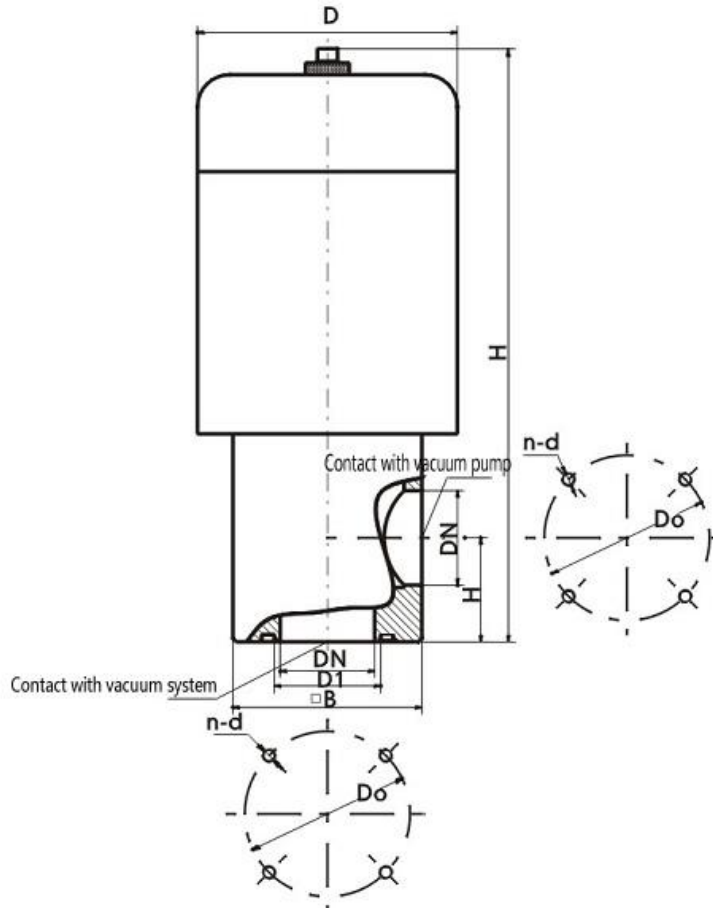
Applicability	$10^5 \sim 10^{-3} \text{ Pa}$
Valve Leak Rate	$\leq 6.7 \times 10^{-3} \text{ Pa.L/s}$
Applicable Temperature	$-30 \sim +50^\circ \text{C}$
Coil Temperature Rise	$\leq 65^\circ \text{C}$
Open-Close Time	$\leq 3 \text{ s}$
Mains Voltage	220v/50Hz
Power	15w~40w
Frequency	$\leq 3 \text{ times/min}$
Peak Current	0.2A(DN25~DN40), 2A(DN50~DN80)
Power Dissipation	12w,40w(DN25~DN40), $\leq 12 \text{ w(DN50~DN80)}$
Installation Direction	Vertical or Horizontal

## Materials of Main Parts

Body, Bonnet And Disc : Carbon Steel and Aluminum Alloy

Seal Ring : NBR

## Overall and Connection Dimensions (mm) (JB919)



Model	DN	h	B	H	D	Do	D1	n-d	Mechanical pump
DDC-JQ16	16	28	48	176	68	42	22	4-M5	2XZ-0.5~1
DDC-JQ25	25	35	58	199	82	55	29	4-M6	2XZ-2~4
DDC-JQ32	32	40	68	222	92	64	36	4-M6	2XZ-4
DDC-JQ40	40	44	80	253	110	70	44	4-M6	2XZ-8
DDC-JQ50	50	56	94	294	124	90	55	4-M8	2X-15
DDC-JQ65	65	65	115	320	135	105	70	4-M8	2X-30
DDC-JQ80	80	75	140	367	165	125	85	4-M8	2X-70