

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

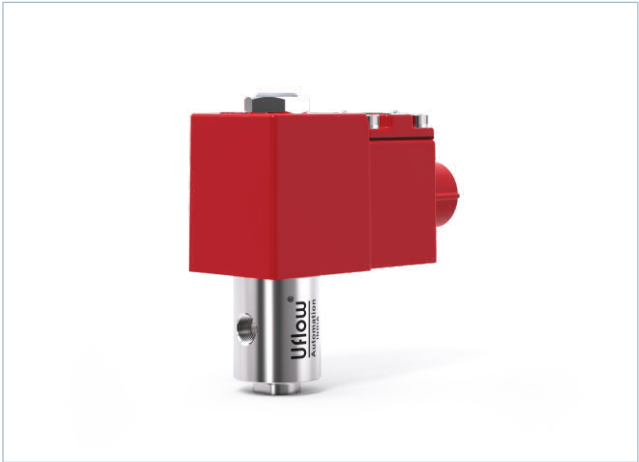
Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve

Country of Origin - INDIA



Valve Specifications

Model No. :	DAR-D6J146NV035C1	DAR-D6J144NZV030C1
Valve Position :	Normally Close	Normally Open
Type :	2/2 Direct Acting	
Orifice :	3.5 mm	3 mm
Pressure :	0 - 21 bar	0 - 18 bar
Body Material :	SS 316	
Port Connection :	1/4" NPT(F)	
Media :	Petrol/ Diesel/ SKO/ HSD	
Ambient Temperature :	-20°C to 70°C	
Seal Material :	Viton GLT	
Media Temp: :	-30°C to 230°C	

Coil Specification

Operating Voltage :	230V AC
Power Consumption :	15W
Coil Features :	High Reliability Unaffected by Voltage Surges. Easy coil changes coil lockable in 4X90 position or freely movable in between as require.
Coil Housing :	IP65 Epoxy square coil, IP65 Metallic round enclosure, IP67 Flameproof enclosure, IP68 Weatherproof enclosure.

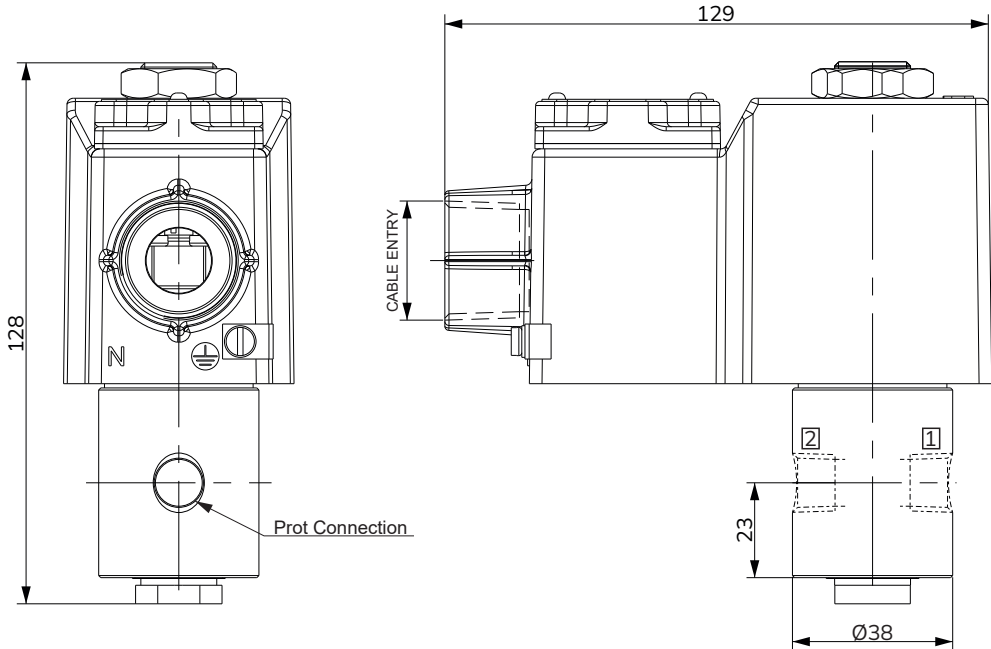
Port Connection

Valve Model No.	Function	Symbol
DAR-D6J146NV035C1	Single Solenoid Spring Return	
DAR-D6J144NZV030C1	Single Solenoid Spring Return	

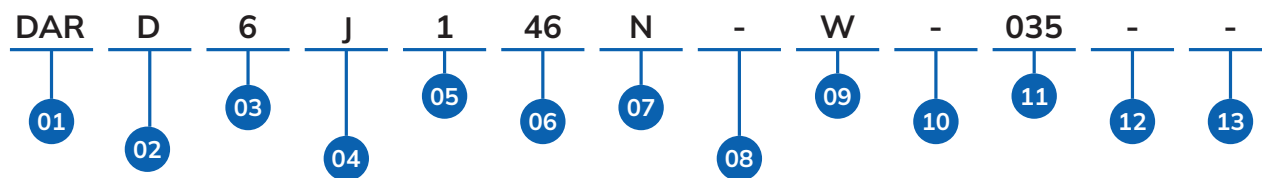
Features

- ☒ Bubble tight shut off
- ☒ Mounts in any position
- ☒ Vibration resistance up to 9g
- ☒ Suitable for high speed cycling
- ☒ Speed up to 600 cycles/ min
- ☒ Life >10 million cycles

Dimension Drawing (All dimensions in mm)



DAR - SERIES DIRECT ACTING ROUND TYPE SOLENOID VALVE MODEL CHART



01	SERIES
	DAR

02	PRODUCT TYPE
D	2 Way

03	BODY MATERIAL
-	SS304
6	SS316

04	SEAL MATERIAL
-	Nitrile
J	Viton GLT
E	EPDM
V	Viton
F	SPL Viton

05	PORT SIZE
1	1/4"

06	PRESSURE RANGE
44	0 to 18 Bar
46	0 to 21 Bar

07	PORT CONNECTION
-	BSP
N	NPT

08	VALVE POSITION
-	NC
Z	NO

09	COIL DIA
V	18 MM FLP AC
W	18 MM FLP DC
7	14mm Bottom Cable Entry Exp. Ac
7D	14mm BOTTOM Cable ENTRY EXP. AC
8	18mm Bottom Cable Entry Exp.ac
8D	18mm Bottom Cable Entry Exp. Dc

10	FEATURES
-	W/O MOR

11	ORIFICE IN MM
030	3MM Orifice
035	3.5MM Orifice

12	CONFIGURATION
-	REGULAR
C1	CONFIG 1
C2	CONFIG 2
C3	CONFIG 3
..	..
C9	CONFIG 9
CA	CONFIG 10
CB	CONFIG 11

13	VERSION
-	VERSION 0
V1	VERSION 1
V2	VERSION 2
V3	VERSION 3
..	..
V9	VERSION 9
VA	VERSION 10
VB	VERSION 11

DAR-D6J146NW035

1/4" 2 WAY DIRECT ACTING SS316-VITON GLT-0 TO 21 Bar-NPT-NC-18MM FLP DC-3.5MM ORIFICE