2-WAY

2/2 SERIES 2W

Direct Acting

General Service Solenoid Valves

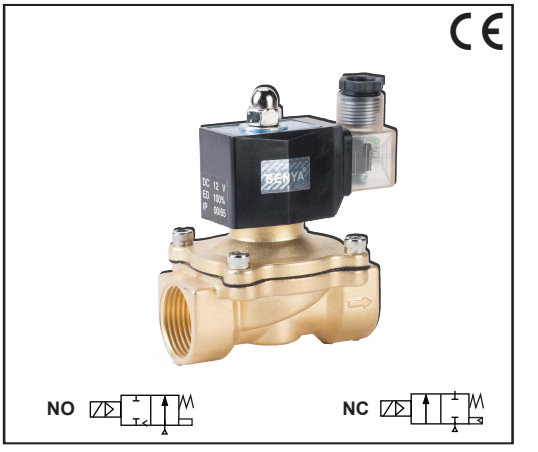
Brass Bodies
1/8" to 2" BSPP

SENYA®
SENYA SOLENOID

Features

- Zero pressure start, quick reaction time, flow capacity higher than pilot operated type
- Reliable, proven design with high flows
- Direct acting design, it has strong resistance to impurities in the medium
- Industrial applications include:

-Car Wash
-Air Compressors
-Pumps
-Laundry Equipment
-Industrial Water Control
-Water Treatment



Electrical

Standard Coil	Watt Rating and Power Consumption				Spare Coil Part Number			
	DC	AC			General Purpose		Explosionproof	
Class of Insulation	Watt	Watt	VA Holdin	VA Inrus	AC	DC	AC	DC
F	13	22	22	40	AB310-AC	AB310-DC	1680-AC	1680-DC
F	16	18	22	65	AB410-AC	AB410-DC	1661-AC	1661-DC
F	13	22	35	180	-	-	1381-AC	1381-DC

Ordering Code

2 W / 0 2 5 - 0 6 V - A 1 - D - /

SERIES

ID CODE

blank	K
N.C.	N.O.

ORIFICE

025:	2.5mm
040:	4.0mm
160:	16mm
200:	20mm
250:	25mm
350:	35mm
400:	40mm
500:	50mm

CONNECTION

06:	1/8"G
08:	1/4"G
10:	3/8"G
15:	1/2"G
20:	3/4"G
25:	1"G
35:	1-1/4"G
40:	1-1/2"G
50:	2"G

SEAL

Blank:	NBR
E:	EPDM
V:	VITON

VOLTAGE

A1:	AC380V	D1:	DC12V
A2:	AC220V	D2:	DC24V
A3:	AC110V	D3:	DC36V
A4:	AC24V	D4:	DC48V
A5:	AC36V		

COIL FORM

F:	Flying Leads
D:	DIN Connector
U:	Coil with Timer

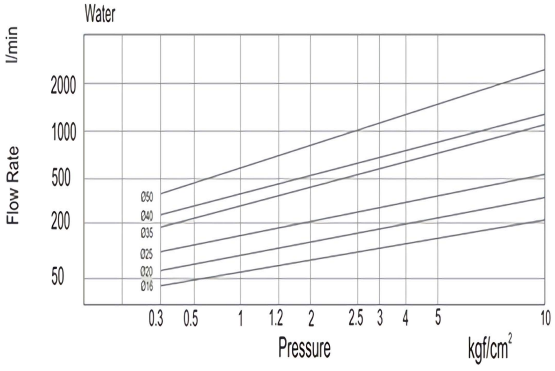
THREAD

Blank:	G
N:	NP
F:	Flange

Order Example:
2W series direct acting 2/2 ways N. C. solenoid valve,1/2" port size, VITON seals, AC220V, DIN connector, BSPP (G) thread.
SENYA part# 2W160-15V-A2-D

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Model	Port Size	Orifice
2W160-15-A2-D	1/2″	16mm
2W200-20-A2-D	3/4″	20mm
2W250-25-A2-D	1″	25mm
2W350-35-A2-D	1-1/4″	35mm
2W400-40-A2-D	1-1/2″	40mm
2W500-50-A2-D	2″	50mm



Specifications (Metric units)

Pipe Size (in)	Orifice Size (mm)	CV Flow Factor	Operating Pressure Differential (Bar)							Max. Fluid Temp. °C		Brass	Stainless Steel 304	Watt Rating/ Class of Coil Insulation	
			Min.	Max. AC			Max. DC								
				Air-Inert Gas	Water	Light Oil less 50 CST	Air-Inert Gas	Water	Light Oil less 50 CST	AC	DC	Catalog Number	Catalog Number	AC	DC
NORMALLY CLOSED (Closed when de-energized)															
1/8	2.5	0.23	0	7	7	7	5	5	5	80	80	2W025-06-A2-D	2S025-06-A2-D	6.1/F	11.6/F
1/8	2.5	0.23	0	7	7	-	5	5	-	120	120	2W025-06E-A2-D	2S025-06E-A2-D	10.1/F	11.6/F
1/8	2.5	0.23	0	7	7	7	5	5	5	120	120	2W025-06V-A2-D	2S025-06V-A2-D	6.1/F	11.6/F
1/4	2.5	0.23	0	7	7	7	5	5	5	80	80	2W025-08-A2-D	2S025-08-A2-D	17.1/F	-
1/4	2.5	0.23	0	7	7	-	5	5	-	120	120	2W025-08E-A2-D	2S025-08E-A2-D	6.1/F	11.6/F
1/4	2.5	0.23	0	7	7	7	5	5	5	120	120	2W025-08V-A2-D	2S025-08V-A2-D	10.1/F	11.6/F
3/8	4	0.6	0	8	8	5	5	5	5	80	80	2W040-10-A2-D	2S040-10-A2-D	17.1/F	11.6/F
3/8	4	0.6	0	8	8	5	5	5	5	120	120	2W040-10E-A2-D	2S040-10E-A2-D	6.1/F	11.6/F
3/8	4	0.6	0	8	8	5	5	5	5	120	120	2W040-10V-A2-D	2S040-10V-A2-D	17.1/F	-
1/2	16	4.8	0	10	10	7	6	6	4	80	80	2W160-15-A2-D	2S160-15-A2-D	17.1/F	40.6H
1/2	16	4.8	0	10	10	7	6	6	4	120	120	2W160-15E-A2-D	2S160-15E-A2-D	17.1/F	11.6/F
1/2	16	4.8	0	10	10	7	6	6	4	120	120	2W160-15V-A2-D	2S160-15V-A2-D	6.1/F	11.6/F
3/4	20	7.6	0	10	10	7	6	6	4	80	80	2W200-20-A2-D	2S200-20-A2-D	10.1/F	11.6/F
3/4	20	7.6	0	10	10	7	6	6	4	120	120	2W200-20E-A2-D	2S200-20E-A2-D	6.1/F	11.6/F
3/4	20	7.6	0	10	10	7	6	6	4	120	120	2W200-20V-A2-D	2S200-20V-A2-D	16.1F	30.8/F
1	25	12	0	10	10	7	6	6	4	80	80	2W250-25-A2-D	2S250-25-A2-D	16.1/F	30.8/F
1	25	12	0	10	10	7	6	6	4	120	120	2W250-25E-A2-D	2S250-25E-A2-D	6.1/F	11.6/F
1	25	12	0	10	10	7	6	6	4	120	120	2W250-25V-A2-D	2S250-25V-A2-D	20.1/F	-
1-1/4	35	24	0	10	10	7	6	6	4	80	80	2W350-35-A2-D	2S350-35-A2-D	10.1/F	11.6/F
1-1/4	35	24	0	10	10	7	6	6	4	120	120	2W350-35E-A2-D	2S350-35E-A2-D	6.1/F	11.6/F
1-1/4	35	24	0	10	10	7	6	6	4	120	120	2W350-35V-A2-D	2S350-35V-A2-D	16.1F	30.8/F
1-1/2	40	29	0	10	10	7	6	6	4	80	80	2W400-40-A2-D	2S400-40-A2-D	16.1/F	30.8/F
1-1/2	40	29	0	10	10	7	6	6	4	120	120	2W400-40E-A2-D	2S400-40E-A2-D	6.1/F	11.6/F
1-1/2	40	29	0	10	10	7	6	6	4	120	120	2W400-40V-A2-D	2S400-40V-A2-D	20.1/F	-
2	50	48	0	10	10	7	6	6	4	80	80	2W500-50-A2-D	2S500-50-A2-D	17.1/F	-
2	50	48	0	10	10	7	6	6	4	120	120	2W500-50E-A2-D	2S500-50E-A2-D	16.1/F	30.8/F
2	50	48	0	10	10	7	6	6	4	120	120	2W500-50V-A2-D	2S500-50V-A2-D	6.1/F	11.6/F

**Note:*
Standard Voltages must be specified when ordering. Other voltages please consult SENYA staff for more details