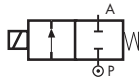


## D262DL/263DL Series, Steam – 2/2 Normally Closed

Specifications	
Function (single acting)	 <p>Flow direction overseat 1 → 2</p>
Maximum Viscosity	Max. 21cST (3 °E)
Body Material (Std)	Brass CW617N (EN 12165)
Orifice Material	Stainless Steel 1.4305 EN 10088 (AISI 303)
Flange Tube (Seamless)	Stainless Steel 1.4305 EN 10088 (AISI 303)
Plunger	Stainless Steel 1.4106 EN 10088 (AISI 430F)
Top Stop	Stainless Steel 1.4105 EN 10088 (AISI 430F)
Springs	Stainless Steel AISI 302
Seal Material (Std)	Sigodur (filled PTFE)
Connection Type (Std)	G parallel thread (ISO 228-1)
Shading Ring	Copper
Electrical Characteristics	
Standard Coil Voltage DC (=)	24 V
Standard Coil Voltage AC 50 Hz (-)	24 V, 110 V, 200 V, 230 V
Standard Coil Voltage AC 60 Hz (-)	24 V, 120 V, 220 V, 240 V
Voltage Tolerance	+10% to -15% (AC)
	+10% to -5% (DC)
Duty Cycle	100% ED
Protection Class	IP65 (EN 60529) with plug and gasket correctly fitted *
Electrical Connection	to EN 175301 - 803 - A (ex DIN 43650)
Coil Insulation	Class H 180 °C
Power Rating (Standard)	AC 18 VA (holding) AC 36 VA (inrush) DC 14 W

### Features and Benefits

- Direct Acting
- Robust construction for industrial applications
- Stainless steel AISI 430F operators with low residual magnetism
- Coils tested 100% in compliance to RoHS directive and to relevant international standards
- High quality seal materials
- Response time 5 to 25 ms



Pipe Size	Cv (gpm)	Kv (m³/h)	OPD (bar)		Orifice (mm)	Seal Material	Valve Code
			AC Voltages	DC Voltages			
¼"	0,04	0,03	0 - 9	0 - 9	1,0	Filled PTFE	D263DLA
¼"	0,09	0,08	0 - 9	0 - 9	1,5	Filled PTFE	D263DLC
¼"	0,24	0,20	0 - 9	0 - 8	2,5	Filled PTFE	D263DLG
¼"	0,32	0,27	0 - 9	0 - 5	3,0	Filled PTFE	D263DLH

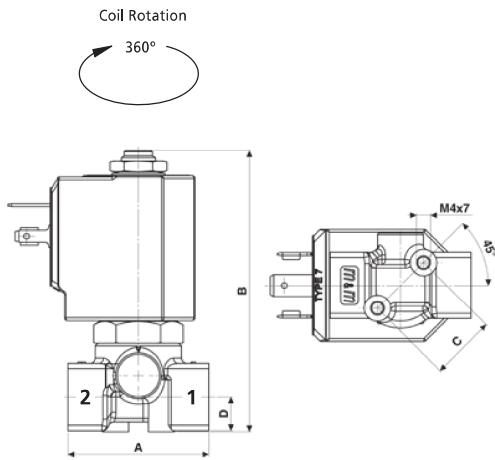
### Options Available

Valve Options (see coding chart)
Body threaded connection G 1/8"
NPT threads (minimum batch may be required)
Manual override

Seal Material <sup>1</sup> and Media Temperature Range	Media	Ambient Temperature Range	
		Min	Max
Filled PTFE (-10 °C to +180 °C)	Steam	-10 °C	+70 °C

<sup>1</sup> See corrosion reference guide and sealing solutions for material compatibility.

# D262DL/263DL Series, Steam – 2/2 Normally Closed



Preferred Valve Mounting Options



Pipe Size	A	B	C	D	Weight (kg)
1/8" - 1/4"	40	77.5	18.5	9.5	0.26

Dimensions (mm)

## Solenoid enclosures

### 7--1 Type Coil - Insulation class H

External material: PPS (glass fiber & mineral filled)  
 Electrical connection: DIN EN 175301-803 form A  
 Winding insulation: Class H (E180)  
 Enclosure classification: Conforms to IP65 (according to EN 60529) with plug and gasket correctly fitted\*



### Type 600 011- Plug

Rated Voltage (max.): 250 VAC / 300 VDC  
 Nominal Current: 10A (rated) / 16A (max)  
 Wire cross-section: 1.5 mm<sup>2</sup> max  
 Cable Entry: PG9 (6 to 8 mm)  
 Enclosure classification: Conforms to IP65 (according to EN 60529) with supplied gasket  
 Insulation class: group C- VDE 0110  
 Housing colour: black  
 UL approved, file No: E205538



\* Plug and gasket not supplied as standard, must be ordered separately.

## Coding chart

### Main Valve Assembly

Pipe Size	
2	1/8"
3	1/4"

Orifice	
A	1.0
C	1.5
G	2.5
H	3.0

Option	
N	NPT
M	Manual override
	w/o option

Voltage / Frequency - Class H	
7251	24 VDC
7201	24 V / 50/60 Hz
7401	110 V / 50 Hz - 120 V / 60 Hz
7601	200 V / 50 Hz - 220 V / 60 Hz
7701	230 V / 50 Hz - 240 V / 60 Hz

Plug	
	w/o plug
0A1	c/w plug



### Product coding example:

D263DLA 7251  
 1/4" G, auto operation, brass body, filled PTFE seals, 1.0 mm orifice, 24 VDC, without plug.

## D398/399CL Series, Steam – 3/2 Normally Closed

Specifications	
Function (single acting)	<p>Flow direction underseat 2 → 1</p>
Maximum Viscosity	Max. 21cST (3 °E)
Body Material (Std)	Stainless Steel 1.4305 EN 10088 (AISI 303)
Orifice Material	Stainless Steel 1.4305 EN 10088 (AISI 303)
Flange Tube (Seamless)	Stainless Steel 1.4305 EN 10088 (AISI 303)
Plunger	Stainless Steel 1.4106 EN 10088 (AISI 430F)
Top Stop	Stainless Steel 1.4105 EN 10088 (AISI 430F)
Springs	Stainless Steel AISI 302
Seal Material (Std)	Sigodur (filled PTFE)
Connection Type (Std)	G parallel thread (ISO 228-1)
Shading Ring	Copper
Electrical Characteristics	
Standard Coil Voltage DC (=)	24 V
Standard Coil Voltage AC 50 Hz (-)	24 V, 110 V, 200 V, 230 V
Standard Coil Voltage AC 60 Hz (-)	24 V, 120 V, 220 V, 240 V
Voltage Tolerance	+10% to -15% (AC)
	+10% to -5% (DC)
Duty Cycle	100% ED
Protection Class	IP65 (EN 60529) with plug and gasket correctly fitted *
Electrical Connection	to EN 175301 - 803 - A (ex DIN 43650)
Coil Insulation	Class H 180 °C
Power Rating (Standard)	AC 18 VA (holding) AC 36 VA (inrush) DC 14 W

### Features and Benefits

- Direct Acting
- Robust construction for industrial applications
- Zero pressure rated
- Stainless steel AISI 430F operators with low residual magnetism
- Coils tested 100% in compliance to RoHS directive and to relevant international standards
- High quality seal materials
- Response time 5 to 25 ms



Pipe Size	Cv (gpm)	Kv (m <sup>3</sup> /h)	OPD (bar)		Orifice (mm)	Seal Material	Valve Code
			AC Voltages	DC Voltages			
¼"	0,09	0,08	0 - 9	0 - 9	1,5	filled PTFE	D399CLC
¼"	0,15	0,13	0 - 9	0 - 9	2,0	filled PTFE	D399CLE
¼"	0,32	0,27	0 - 5	0 - 5	3,0	filled PTFE	D399CLH

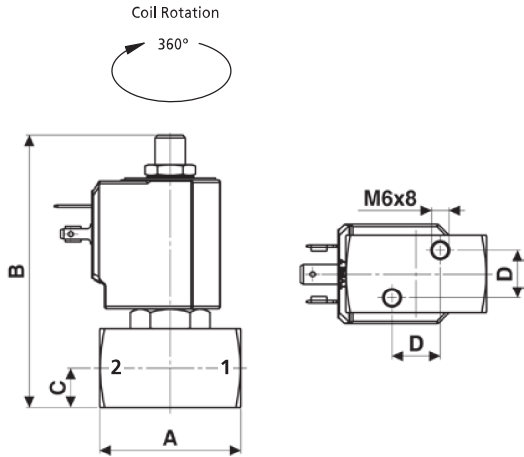
### Options Available

Valve Options (see coding chart)
Body threaded connection G 1/8"
NPT threads (minimum batch may be required)
Silver shading ring

Seal Material <sup>1</sup> and Media Temperature Range	Media	Ambient Temperature Range	
		Min	Max
Filled PTFE (-10 °C to +180 °C)	Steam	-10 °C	+70 °C

<sup>1</sup> See corrosion reference guide and sealing solutions for material compatibility.

# D398/399CL Series, Steam – 3/2 Normally Closed



Preferred Valve Mounting Options



Pipe Size	A	B	C	D	Weight (kg)
1/8" - 1/4"	45	87	12.5	15.4	0.35

Dimensions (mm)

## Solenoid enclosures

### 7--1 Type Coil - Insulation class H

External material: PPS (glass fiber & mineral filled)  
 Electrical connection: DIN EN 175301-803 form A  
 Winding insulation: Class H (E180)  
 Enclosure classification: Conforms to IP65 (according to EN 60529) with plug and gasket correctly fitted\*



### Type 600 011- Plug

Rated Voltage (max.): 250 VAC / 300 VDC  
 Nominal Current: 10A (rated) / 16A (max)  
 Wire cross-section: 1.5 mm<sup>2</sup> max  
 Cable Entry: PG9 (6 to 8 mm)  
 Enclosure classification: Conforms to IP65 (according to EN 60529) with supplied gasket  
 Insulation class: group C- VDE 0110  
 Housing colour: black  
 UL approved, file No: E205538



\* Plug and gasket not supplied as standard, must be ordered separately.

## Coding chart

### Main Valve Assembly

Pipe Size
8 1/8"
9 1/4"

Orifice
C 1.5
E 2.0
H 3.0

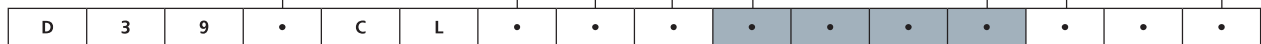
Option
A Silver shading ring
N NPT
w/o option

### Coil options

Voltage / Frequency - Class H	
7251	24 VDC
7201	24 V / 50/60 Hz
7401	110 V / 50 Hz - 120 V / 60 Hz
7601	200 V / 50 Hz - 220 V / 60 Hz
7701	230 V / 50 Hz - 240 V / 60 Hz

### Plug

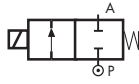
Plug
0A1 c/w plug
w/o plug



### Product coding example:

D398CLE 7251  
 1/8" G, auto operation, stainless steel body, filled PTFE seals, 2.0 mm orifice, 24 VDC, without plug.

## D238/239 Series, Steam – 2/2 Normally Closed

Specifications	
Function (single acting)	 <p>Flow direction overseat 1 → 2</p>
Maximum Viscosity	Max. 21cST (3 °E)
Body Material (Std)	Brass CW617N (EN 12165)
Orifice Material	Stainless Steel 1.4305 EN 10088 (AISI 303)
Flange Tube (Seamless)	Stainless Steel 1.4305 EN 10088 (AISI 303)
Plunger	Stainless Steel 1.4106 EN 10088 (AISI 430F)
Top Stop	Stainless Steel 1.4105 EN 10088 (AISI 430F)
Springs	Stainless Steel AISI 302
Seal Material (Std)	Sigodur (filled PTFE)
Connection Type (Std)	G parallel thread (ISO 228-1)
Shading Ring	Copper
Electrical Characteristics	
Standard Coil Voltage DC (=)	24 V
Standard Coil Voltage AC 50 Hz (-)	24 V, 110 V, 200 V, 230 V
Standard Coil Voltage AC 60 Hz (-)	24 V, 120 V, 220 V, 240 V
Voltage Tolerance	+10% to -15% (AC)
	+10% to -5% (DC)
Duty Cycle	100% ED
Protection Class	IP65 (EN 60529) with plug and gasket correctly fitted *
Electrical Connection	to EN 175301 - 803 - A (ex DIN 43650)
Coil Insulation	Class H 180 °C
Power Rating (Standard)	AC 18 VA (holding) AC 36 VA (inrush) DC 14 W

### Features and Benefits

- Direct Acting
- Robust construction for industrial applications
- Stainless steel AISI 430F operators with low residual magnetism
- Coils tested 100% in compliance to RoHS directive and to relevant international standards
- High quality seal materials
- Response time 5 to 25 ms



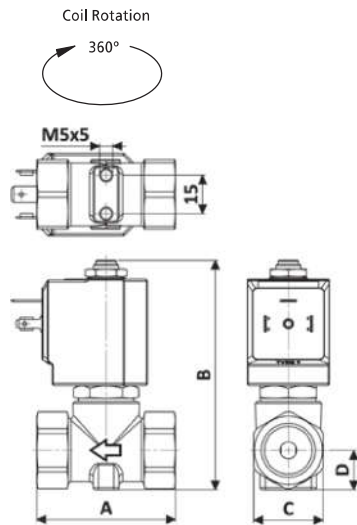
Pipe Size	Cv (gpm)	Kv (m³/h)	OPD (bar)		Orifice (mm)	Seal Material	Valve Code
			AC Voltages	DC Voltages			
3/8"	0.32	0.27	0 - 9	0 - 8	3.0	Filled PTFE	D238DLH
3/8"	0.53	0.45	0 - 5	0 - 2	5.0	Filled PTFE	D238DLN
1/2"	0.35	0.30	0 - 9	0 - 5	3.5	Filled PTFE	D239DLJ

### Options Available

Seal Material <sup>1</sup> and Media Temperature Range	Media	Ambient Temperature Range	
		Min	Max
Filled PTFE (-10 °C to +180 °C)	Steam	-10 °C	+70 °C

<sup>1</sup> See corrosion reference guide and sealing solutions for material compatibility.

# D238/239 Series, Steam – 2/2 Normally Closed



Preferred Valve Mounting Options



Pipe Size	A	B	C	D	Weight (kg)
3/8" - 1/2"	54	89.35	HEX 27	15	0.45

Dimensions (mm)

## Solenoid enclosures

### 7--1 Type Coil - Insulation class H

- External material: PPS (glass fiber & mineral filled)
- Electrical connection: DIN EN 175301-803 form A
- Winding insulation: Class H (E180)
- Enclosure classification: Conforms to IP65 (according to EN 60529) with plug and gasket correctly fitted\*



### Type 600 011- Plug

- Rated Voltage (max.): 250 VAC / 300 VDC
- Nominal Current: 10A (rated) / 16A (max)
- Wire cross-section: 1.5 mm<sup>2</sup> max
- Cable Entry: PG9 (6 to 8 mm)
- Enclosure classification: Conforms to IP65 (according to EN 60529) with supplied gasket
- Insulation class: group C- VDE 0110
- Housing colour: black
- UL approved, file No: E205538



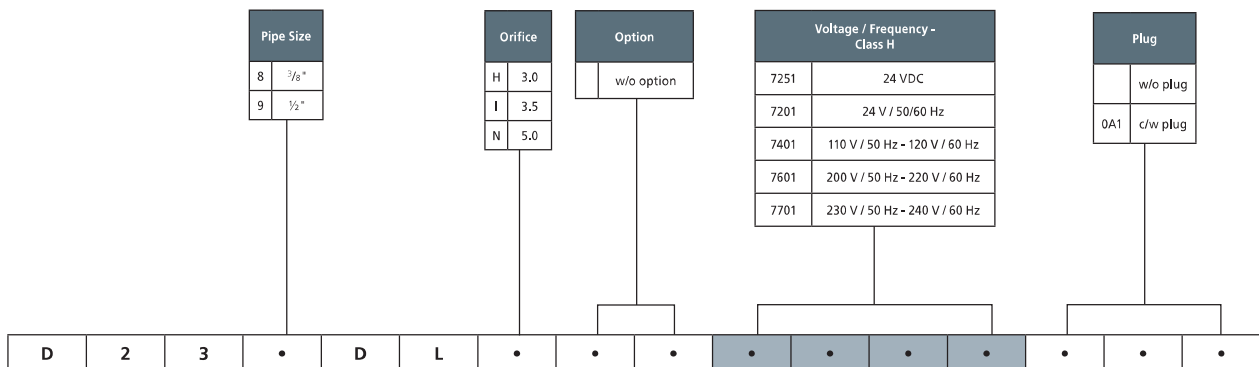
\* Plug and gasket not supplied as standard, must be ordered separately.

## Coding chart

### Main Valve Assembly

### Coil options

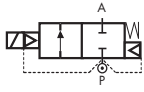
### Plug



### Product coding example:

D238DLH 7251  
3/8" G, auto operation, brass body, filled PTFE seals, 3.0 mm orifice, 24 VDC, without plug.

## D634/635/636 Series, Steam – 2/2 Normally Closed

Specifications	
Function (single acting)	 <p>Flow direction overseat 1 → 2</p>
Maximum Viscosity	Max. 21cST (3 °E)
Body Material (Std)	Brass CW617N (EN 12165)
Orifice Material	Stainless Steel 1.4305 EN 10088 (AISI 303)
Flange Tube (Seamless)	Stainless Steel 1.4305 EN 10088 (AISI 303)
Plunger	Stainless Steel 1.4106 EN 10088 (AISI 430F)
Top Stop	Stainless Steel 1.4105 EN 10088 (AISI 430F)
Piston Material	Brass CW614N (EN 12164)
Springs	Stainless Steel AISI 302
Seal Material (Std)	PTFE
Connection Type (Std)	G parallel thread (ISO 228-1)
Shading Ring	Copper
Electrical Characteristics	
Standard Coil Voltage DC (=)	24 V
Standard Coil Voltage AC 50 Hz (-)	24 V, 110 V, 200 V, 230 V
Standard Coil Voltage AC 60 Hz (-)	24 V, 120 V, 220 V, 240 V
Voltage Tolerance	+10% to -15% (AC)
	+10% to -5% (DC)
Duty Cycle	100% ED
Protection Class	IP65 (EN 60529) with plug and gasket correctly fitted *
Electrical Connection	to EN 175301 - 803 - A (ex DIN 43650)
Coil Insulation	Class H 180 °C
Power Rating (Standard)*	AC 18 VA (holding) AC 36 VA (inrush) DC 22 W

\* For DC only High power coil mandatory.

### Features and Benefits

- Pilot operated
- Robust construction for industrial applications
- Stainless steel AISI 430F operators with low residual magnetism
- Coils tested 100% in compliance to RoHS directive and to relevant international standards
- High quality seal materials
- Response time 50 to 500 ms



Pipe Size	Cv (gpm)	Kv (m <sup>3</sup> /h)	OPD (bar)		Orifice (mm)	Seal Material	Valve Code
			AC Voltages	DC Voltages			
¼"	1.47	1.26	0.3 - 9	0.3 - 9	10	PTFE	D634DIT
⅜"	1.68	1.44			10	PTFE	D635DIT
½"	1.76	1.50			10	PTFE	D636DIT

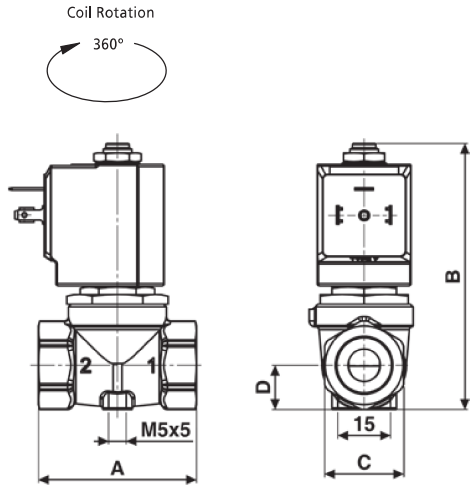
### Options Available

Seal Material <sup>1</sup> and Media Temperature Range	Media	Ambient Temperature Range	
		Min	Max
PTFE (+80 °C <sup>2</sup> to +180 °C)	Steam	-10 °C	+70 °C

<sup>1</sup> See corrosion reference guide and sealing solutions for material compatibility.

<sup>2</sup> For correct functioning, the minimum working temperature of the solenoid valve cannot be below 80 °C.

# D634/635/636 Series, Steam – 2/2 Normally Closed



Preferred Valve Mounting Options



Pipe Size	A	B	C	D	Weight (kg)
¼"	54	100	HEX 27	15	0.5
⅜" to ½"	54	100	HEX 27	15	0.45

Dimensions (mm)

## Solenoid enclosures

### 7--1 & 7-Z1 Type Coil - Insulation class H

- External material: PPS (glass fiber & mineral filled)
- Electrical connection: DIN EN 175301-803 form A
- Winding insulation: Class H (E180)
- Enclosure classification: Conforms to IP65 (according to EN 60529) with plug and gasket correctly fitted\*



\* Plug and gasket not supplied as standard, must be ordered separately.

### Type 600 011- Plug

- Rated Voltage (max.): 250 VAC / 300 VDC
- Nominal Current: 10A (rated) / 16A (max)
- Wire cross-section: 1.5 mm<sup>2</sup> max
- Cable Entry: PG9 (6 to 8 mm)
- Enclosure classification: Conforms to IP65 (according to EN 60529) with supplied gasket
- Insulation class: group C- VDE 0110
- Housing colour: black
- UL approved, file No: E205538



## Coding chart

### Main Valve Assembly

Pipe Size
4 ¼"
5 ⅜"
6 ½"

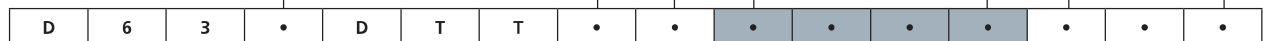
Option
w/o option

### Coil options

Voltage / Frequency - Class H (High Power DC only)	
7221	24 VDC
7201	24 V / 50/60 Hz
7401	110 V / 50 Hz - 120 V / 60 Hz
7601	200 V / 50 Hz - 220 V / 60 Hz
7701	230 V / 50 Hz - 240 V / 60 Hz

### Plug

Plug
w/o plug
0A1 c/w plug

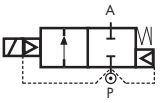


### Product coding example:

D634DTT 7221  
¼" G, auto operation, brass body, PTFE seals, 10 mm orifice, 24 VDC, without plug.



## D887/888/889/890/892 Series, Steam – 2/2 Normally Closed

Specifications	
Function (single acting)	 <p>Flow direction overseat 1 → 2</p>
Maximum Viscosity	Max. 21cST (3 °E)
Body Material (Std)	Brass CW617N (EN 12165)
Orifice Material	Stainless Steel 1.4305 EN 10088 (AISI 303)
Flange Tube (Seamless)	Stainless Steel 1.4305 EN 10088 (AISI 303)
Plunger	Stainless Steel 1.4106 EN 10088 (AISI 430F)
Top Stop	Stainless Steel 1.4105 EN 10088 (AISI 430F)
Springs	Stainless Steel AISI 302
Operator Seal Material	EPM PX 70/80
Diaphragm Material	PTFE
Main Seal Material	EPM PX 70/80
Connection Type (Std)	G parallel thread (ISO 228-1)
Shading Ring	Copper
Electrical Characteristics	
Standard Coil Voltage DC (=)	24 V
Standard Coil Voltage AC 50 Hz (-)	24 V, 110 V, 200 V, 230 V
Standard Coil Voltage AC 60 Hz (-)	24 V, 120 V, 220 V, 240 V
Voltage Tolerance	+10% to -15% (AC)
	+10% to -5% (DC)
Duty Cycle	100% ED
Protection Class	IP65 (EN 60529) with plug and gasket correctly fitted *
Electrical Connection	to EN 175301 - 803 - A (ex DIN 43650)
Coil Insulation	Class H 180 °C
Power Rating (Standard)	AC 18 VA (holding) AC 36 VA (inrush) DC 22 W

### Features and Benefits

- Pilot operated
- Robust construction for industrial applications
- Stainless steel AISI 430F operators with low residual magnetism
- Coils tested 100% in compliance to RoHS directive and to relevant international standards
- High quality seal materials
- Response time 50 to 500 ms



Pipe Size	Cv (gpm)	Kv (m <sup>3</sup> /h)	OPD (bar)		Orifice (mm)	Seal Material	Valve Code
			AC Voltages	DC Voltages			
¼"	2.46	2.10	0.3 - 4.5	0.3 - 4.5	11.5	EPM PX	D887DPV
⅜"	3.51	3.00	0.3 - 4.5	0.3 - 4.5	11.5	EPM PX	D888DPV
½"	3.86	3.30	0.3 - 4.5	0.3 - 4.5	11.5	EPM PX	D889DPV
¾"	4.91	4.20	0.3 - 4.5	0.3 - 4.5	11.5	EPM PX	D890DPV
1"	5.27	4.50	0.3 - 4.5	0.3 - 4.5	11.5	EPM PX	D890DPV

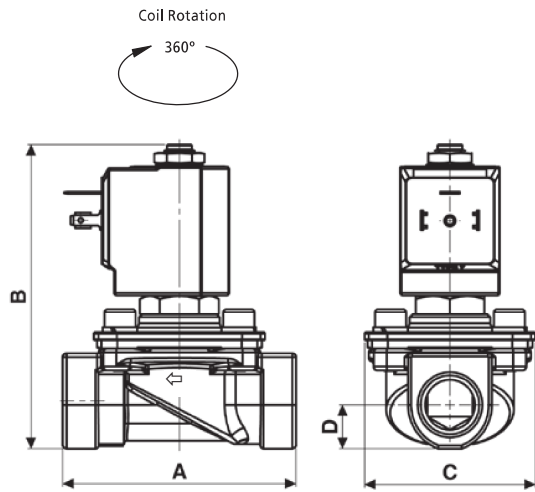
### Options Available

Valve Options (see coding chart)
NPT threads (minimum batch may be required)

Seal Material <sup>1</sup> and Media Temperature Range	Media	Ambient Temperature Range	
		Min	Max
EPM PX (-10 °C to +150 °C)	Hot water and steam	-10 °C	+70 °C

<sup>1</sup> See corrosion reference guide and sealing solutions for material compatibility.

# D887/888/889/890/892 Series, Steam – 2/2 Normally Closed



Preferred Valve Mounting Options



Pipe Size	A	B	C	D	Weight (kg)
¼"	75	108	55	14	0.55
⅜"	75	108	55	14	0.5
½"	75	108	55	14	0.5
¾"	85	108	55	21.5	0.8
1"	82	108	55	21.5	0.8

Dimensions (mm)

## Solenoid enclosures

### 7--1 & 7-Z1 Type Coil - Insulation class H

- External material: PPS (glass fiber & mineral filled)
- Electrical connection: DIN EN 175301-803 form A
- Winding insulation: Class H (E180)
- Enclosure classification: Conforms to IP65 (according to EN 60529) with plug and gasket correctly fitted\*



### Type 600 011- Plug

- Rated Voltage (max.): 250 VAC / 300 VDC
- Nominal Current: 10A (rated) / 16A (max)
- Wire cross-section: 1.5 mm<sup>2</sup> max
- Cable Entry: PG9 (6 to 8 mm)
- Enclosure classification: Conforms to IP65 (according to EN 60529) with supplied gasket
- Insulation class: group C- VDE 0110
- Housing colour: black
- UL approved, file No: E205538



\* Plug and gasket not supplied as standard, must be ordered separately.

## Coding chart

### Main Valve Assembly

Pipe Size	
87	¼"
88	⅜"
89	½"
90	¾"
92	1"

Option	
N	NPT
	w/o option

### Coil options

Voltage / Frequency - Class H (High Power DC only)	
7221	24 VDC
7201	24 V / 50/60 Hz
7401	110 V / 50 Hz - 120 V / 60 Hz
7601	200 V / 50 Hz - 220 V / 60 Hz
7701	230 V / 50 Hz - 240 V / 60 Hz

### Plug

Plug	
	w/o plug
0A1	c/w plug



## Product coding example:

D889DPV 7201  
 ½" G, auto operation, brass body, EPM PX seals, 11.5 mm orifice, 24 V / 50/60 Hz, without plug.

# ACPX Series: Steam – 2/2 Normally Closed

Specifications	
Function	Normally closed, energise to open 
Maximum Viscosity	115 SSU
1/2" - 1" Body Material (Std)	Brass CZ122
1 1/4" - 2" Body Material (Std)	Bronze DIN 1705
Flange Tube	Stainless Steel 303
Plunger and Top Stop	Stainless Steel 430FR
Springs	Stainless Steel 302
Seal Material (Std)	PTFE
Connection Type (Std)	BS21
Shading Ring	Copper (std), Silver (stainless steel option)
Electrical Characteristics	
Coil Voltage DC (=)	12 V, 24 V, 110 V
Coil Voltage AC 50 Hz (~)	24 V, 110 V, 120 V, 230 V
Coil Voltage AC 60 Hz (~)	24 V, 120 V, 220 V
Voltage Tolerance	+10% or -10%
Duty Cycle	100% ED
Protection Class (Std)	IP65 (BS EN 60529) (plug supplied as standard)
Electrical Connection (Std)	PG9 Din Connector DIN 43650/ISO 4400 (EN 175301-803) Form 'A'
Coil Insulation	Class H (BS EN 60085) 180 °C (E5 Type)
Power Rating	14.5 Watts, 19 VA

## Features and Benefits

- Heavy Duty Valve Design
- Piston Operation
- Wide temperature range capabilities
- Choice of valve body material seals



Pipe Size	Cv (gpm)	Kv (m³/h)	OPD (Bar)		P. Max Bar	Orifice (mm)	Weight (kg)
			AC Voltages	DC Voltages			
1/2"	4.9	4.2	0.3-8.6	0.3-4.8	50	16.00	1.3
3/4"	6.3	5.4	0.3-8.6	0.3-4.8		16.00	1.3
1"	8.2	7.1	0.3-8.6	0.3-4.8		25.00	2.3
1 1/4"	21.0	18	0.3-8.6	0.3-4.8		30.00	3.0
1 1/2"	21.0	18	0.3-8.6	0.3-4.8		30.00	3.0
2"	24.4	21	0.3-8.6	0.3-4.8		32.00	5.2

## Options Available

Solenoid Enclosure	
Protection Class	Consult Rotork Midland for product codes
EExd T6 (IP67)	
EExd T4 (IP67)	

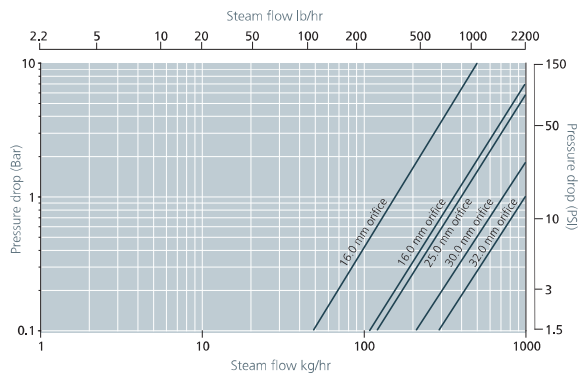
Main Valve Assembly Options
Stainless steel body 316 (available up to 1")
Oxygen Cleaning (Consult Rotork Midland for product code)
NPT Threads
Stainless steel tagging

Seal Material <sup>1</sup> and Media Temp. Range	Ambient Temperature Range °C	
	Min	Max
PTFE (-200 °C to +180 °C)	-10	50

<sup>1</sup> See corrosion reference guide and sealing solutions for material compatibility.

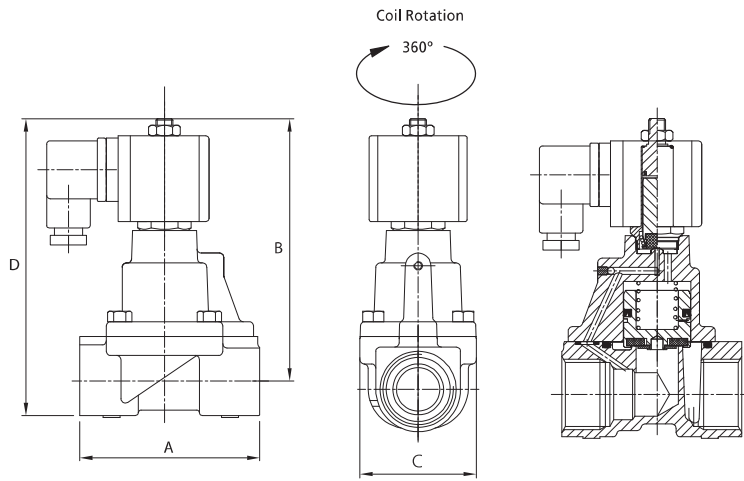
## How to use the flow chart

1. Select the required flow.
2. Note the corresponding pressure drop.
3. Based on where the two points intersect select the most appropriate model.

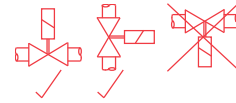


Flow shown is with steam at 4.0 bar

# ACPX Series: Steam – 2/2 Normally Closed



Preferred Valve Mounting Options



## Dimensions

Pipe Size	A	B	C	D
1/2"	85	126	75 inc. plug	150
3/4" - 1"	85	135	75 inc. plug	155
1 1/4" - 1 1/2"	117	133	82	209
2"	146	145	103	209

Dimensions given in mm

## Solenoid enclosures



### E5 Type enclosure protection class IP65

- External material: Glass reinforced nylon
- Electrical connection: DIN Plug to ISO 4400
- Winding insulation: Class H
- Enclosure: Conforms to IP65 when correct plug gasket is fitted as supplied

## Coding chart

### Main Valve Assembly

Model	Valve Body Conn. Size	Connection Type	Operation
22 ACPX	D 1/2"	1 BS21	1 AUTO
	E 3/4"	2 BSP G	2 MANUAL OVERRIDE
	F 1"	3 NPT	
	G 1 1/4"	4 FLANGED (PN16 STD)	
	H 1 1/2"		
	J 2"		

Body Material	Seals	Style
1 Brass (standard on valves up to and including 1")	E PTFE	1 Standard
2 Bronze (standard on valves above 1")		
5 316 Stainless Steel (option available up to and inc 1")		

### Coil options

Enclosure	Voltage / Frequency	Electrical Connection
1 Weather proof IP65	A1 230 V / 50 Hz	1 Din plug 9 mm
	A2 110 V / 50 Hz & 120 V / 50 Hz	
	A3 24 V / 50 Hz	
	A7 220 V / 50 Hz	
	B2 24 VDC	
B3 12 VDC		
B5 110 VDC		

22	•	•	•	Z	•	E	1	-	1	••	1
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### Product coding example:

22D11Z1E1-1A11 - ACPX Series  
1/2" BS21, auto operation, brass body, PTFE seals, 230 V / 50 Hz DIN Plug 9 mm.