



BOSS™ 355AA Gas Solenoid Valve Automatic Reset

Data Sheet

General Description

An aluminium bodied normally closed automatic reset gas solenoid valve in sizes DN15 to DN300 and voltages 230 Vac, 24 Vac and 110 Vac. Sizes DN200 to DN300 incorporate a closed position indicator.

Size Range

DN15 to DN50 Screwed BSPT and DN65 to DN300 Flanged PN16

Technical Specification

Connections:	Screwed BSPT to EN 10226 (DN15 to DN50) Flanged PN16 to EN 1092-1/ISO 7005 (DN65 to DN300)
Approved to:	EN161
Pressure Rating:	½ to ¾" - 200 mbar; 1" - 500 mbar; 1-¼ to 12" - 360 mbar
Temperature Rating:	-20 to +60 °C
Mounting orientation:	15mm - 150mm with coil axis within 90 degrees of vertical 200mm - 300mm coil in vertical axis only
Type of operation:	Normally closed
Opening Time	< 1 second
Closing Time	< 1 second
Protection Rating:	IP65
Application:	Class A Group 2 gases

Product Codes

DN	Voltage		
	230Vac	24Vac	110Vac
15	35500011	35500173	35500675
20	35500022	35500184	35500686
25	35500033	35500195	35500697
32	35500044	35500203	35500705
40	35500055	35500214	35500716
50	35500066	35500236	35500738
65	35500077	35500247	35500749
80	35500088	35500258	35500760
100	35500099	35500269	35500771
125	35500107	35500280	35500782
150	35500129	35500291	35500793
200	35500140	35500310	35500801
250	35500151	35500321	35500812
300	35500162	35500332	35500823

Lines shaded in light grey denote stocked at BSS

Accessories:

Amend to CPI included as standard for sizes DN200 - DN300

35500834 - Closed Position Indicator For 15 & 20mm

35500963 - Closed Position Indicator For 25mm

35500845 - Closed Position Indicator For 32 & 40mm

35500856 - Closed Position Indicator For 50mm

35500867 - Closed Position Indicator For 65 & 80mm

35500878 - Closed Position Indicator For 100mm

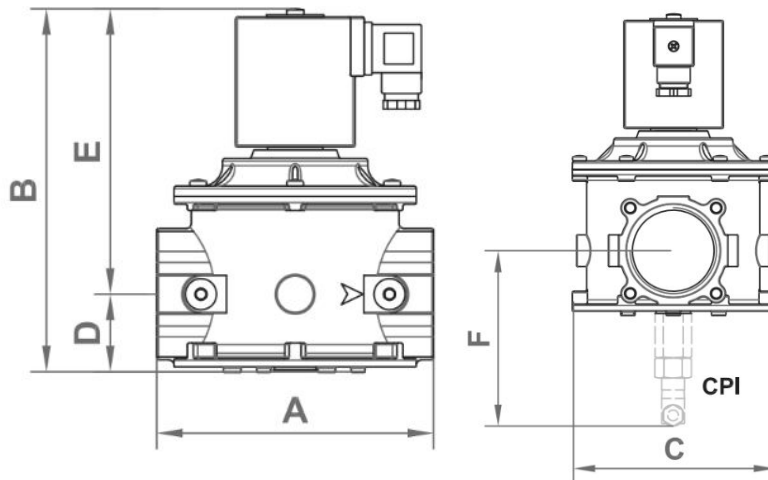
35500889 - Closed Position Indicator For 125 & 150mm

20806654 - BOSS 5-CPB Panic Button Twist to Reset (refer to relevant data sheet)

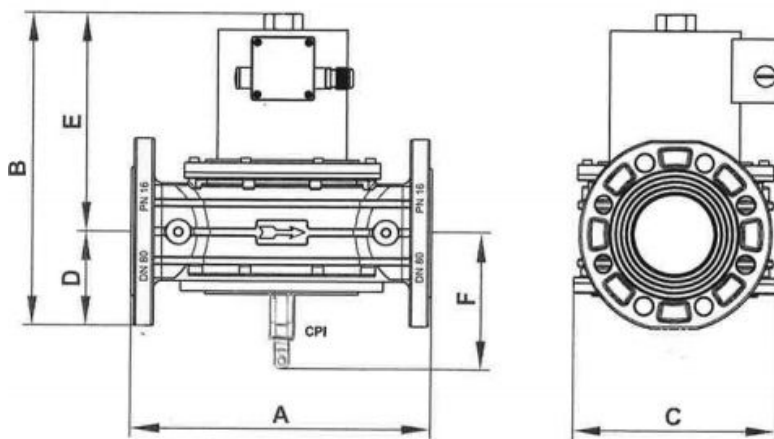
20806643 - BOSS ETL Electro Thermal Link 72C (refer to relevant data sheet)

Dimensions Data

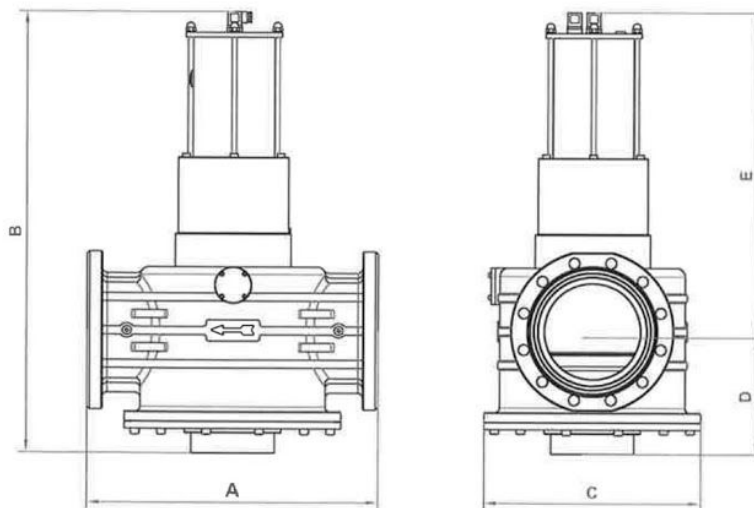
DN15 to DN50



DN65 to DN150



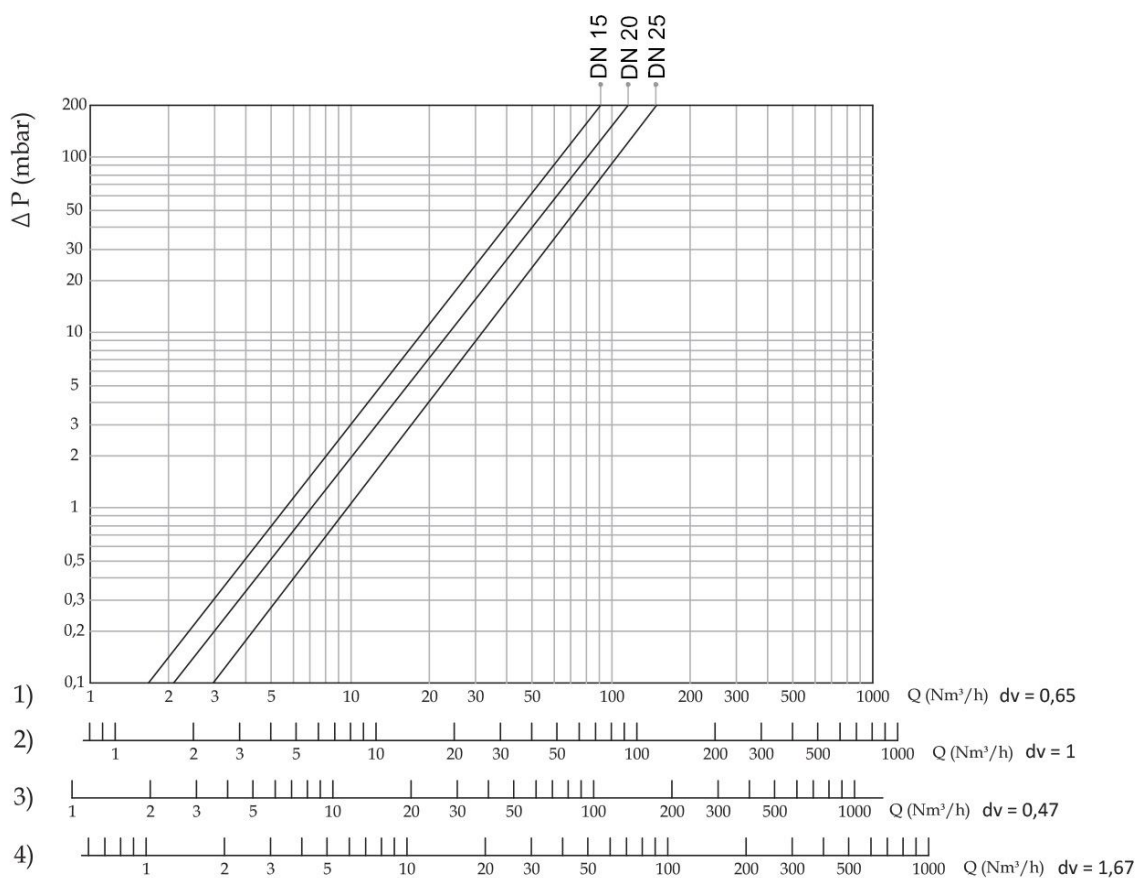
DN200 to DN300



Dimensions (mm unless otherwise stated)

DN	A	B	C	D	E	F	Weight (kg)
15	75	137	74	22	115	100	0.8
20	75	137	74	22	115	100	0.8
25	75	137	74	22	115	100	0.8
32	160	210	140	37	173	108	5.9
40	160	210	140	37	173	108	5.8
50	160	235	140	45	190	122	6.1
65	290	317	211	89	228	141	6.1
80	310	317	211	89	228	141	17.0
100	350	388	254	105	283	167	34.2
125	480	575	328	127	448	204	58.0
150	480	575	328	127	448	204	60.0
200	600	920	450	255	655	N/A	101.0
250	673	1020	510	295	725	N/A	130.0
300	737	1160	552	320	840	N/A	160.0

Pressure Drop Charts



Key: 1 Methane

2 Air

3 Town Gas

4 LPG

Nm^3/h = Normal cubic meter per hour

dv = density relative to the air

Inlet Pressure = 50 mbar

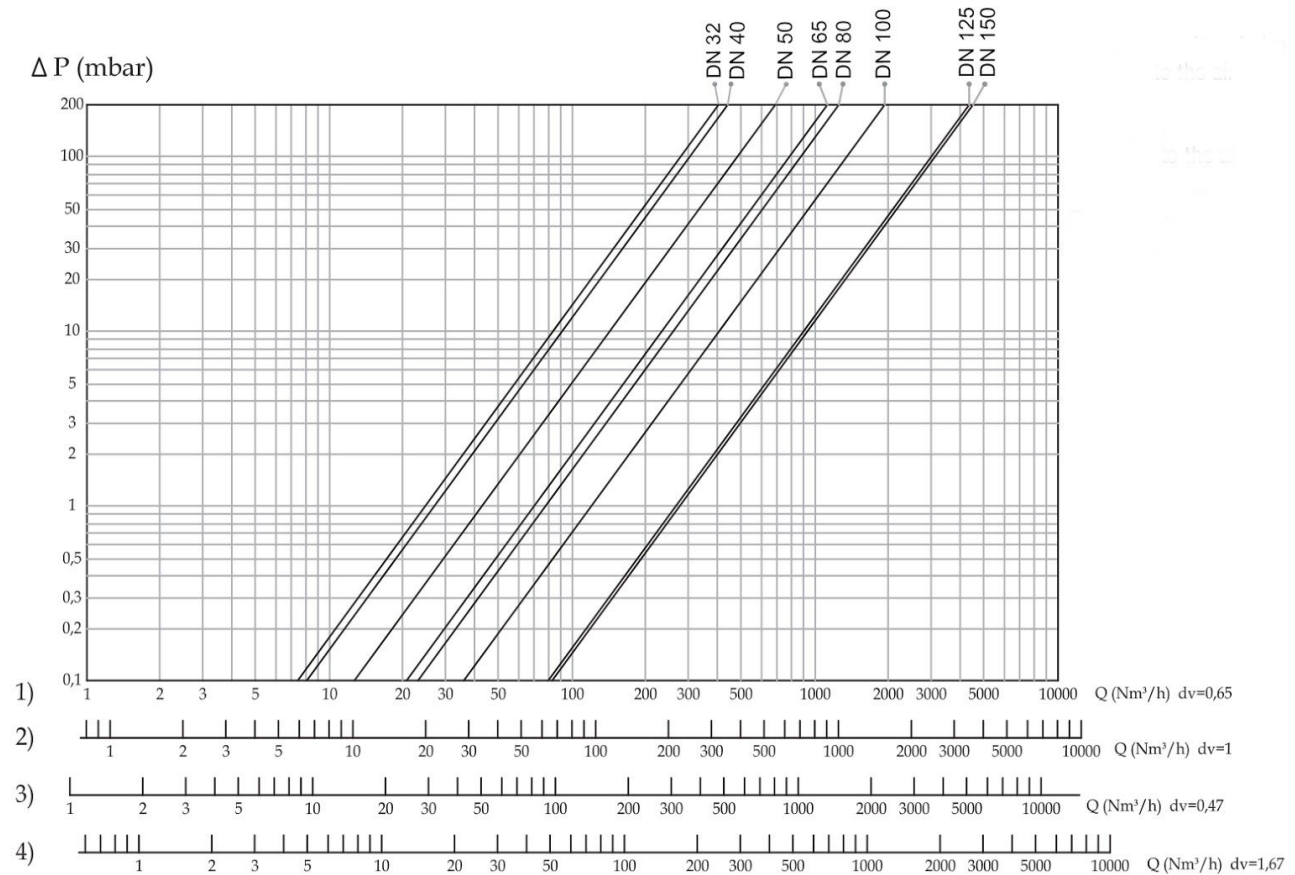
Version: 1

BOSS™, BOSS Court, 7 Barton Close, Grove Park, Leicester LE19 1SJ.

Created on: 26th November 2019

BOSS™ Technical Team - Tel: 0116 245 5940 Email: BOSSTechnicalteam@bssgroup.com

Last updated: September 2020



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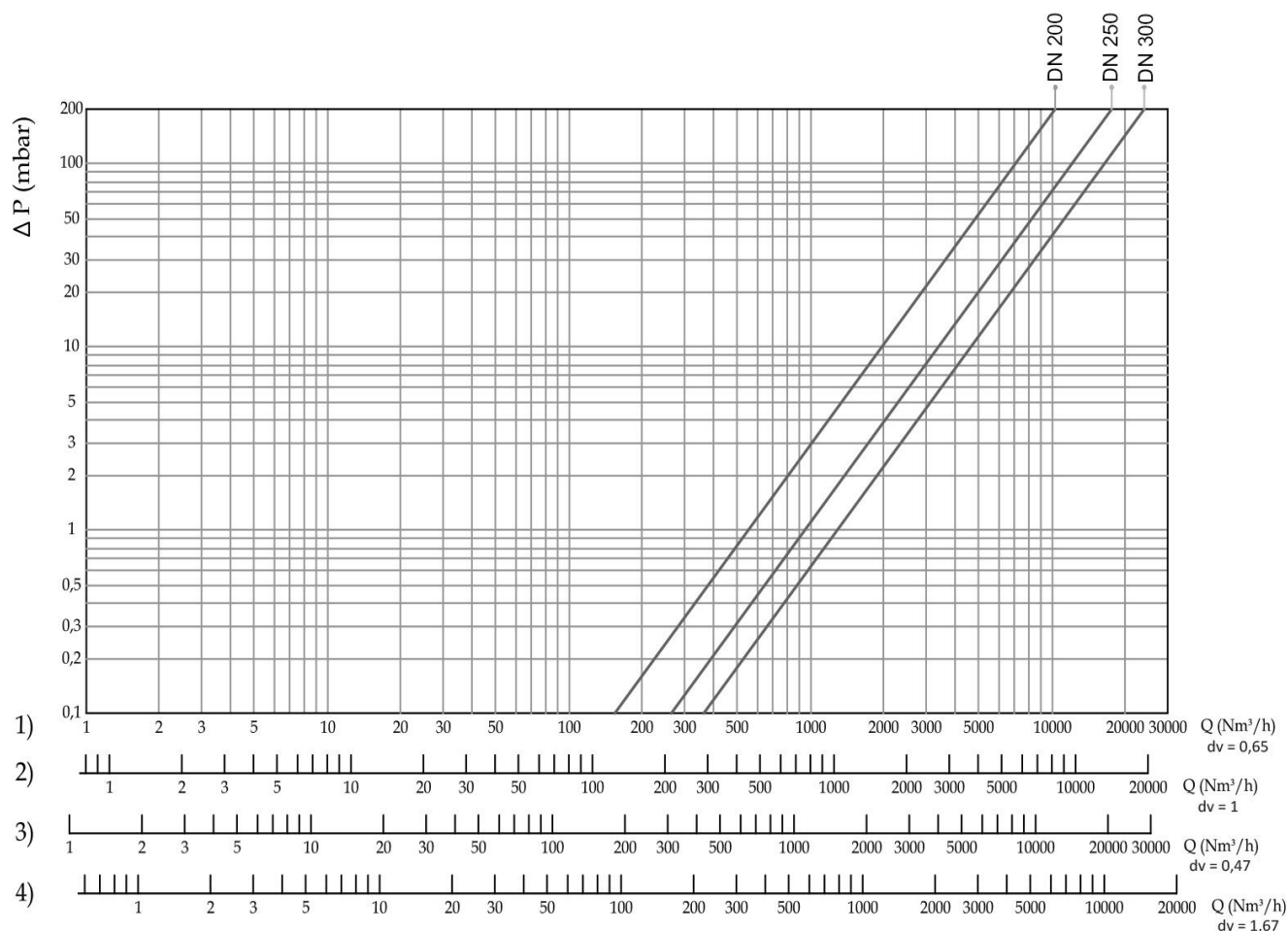
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