

Dati tecnici dei dosatori di flusso in polimero

Plastic flow regulators technical data

Technischen Daten der Drosselrückschlagventil Kunststoff

Fluido

Aria compressa (altri fluidi a richiesta)

Pressione di esercizio

Tubo: Ø4 – Ø12 mm
Pressione: 0 ÷ 10 Bar
0 ÷ 150 PSI

Temperatura di utilizzo

0 ÷ 60°C

Tubi consigliati

1) Poliuretano - 2) Poliammide - 3) Polietilene - 4) Nylon

Tolleranze

± 0.10 mm

Materiali

Corpo: Ottone nichelato o resina acetaleica
Pinza: Acciaio SUS 301
Pulsante: Resina acetaleica
O-Ring: NBR

Filettatura

BSPP cilindrica - BSPT conica teflonata. - Metrica con O-Ring

Diametri e filetti

Diametri da 4 mm a 12 mm - Filettature da M5 a 1/2"

Caratteristiche principali

1. Tenuta al vuoto - 7,5 PSI (-0,5 Bar)
2. Montaggio istantaneo
3. Passaggio pieno, nessuna riduzione della portata
4. Ingombri ottimizzati
5. Regolazione precisa e fine

Fluid

Compressed air (other fluids on request)

Working pressure

Tubo: Ø4 – Ø12 mm
Pressure: 0 ÷ 10 Bar
0 ÷ 150 PSI

Temperature range

32 ÷ 140 °F

Recommended tubes

1) Polyurethane - 2) Polyamide - 3) Polyethylene - 4) Nylon

Tolerances

± 0.10 mm

Materials

Body: Nickel plated brass or acetal resin
Lock claws: SUS 301 Steel
Sleeve: Acetal resin
O-Ring: NBR

Thread types

BSPP cylindrical. - BSPT taper with teflon. - Metric with O-Ring

Threads and diameters

Diameters from 4 mm to 12 mm - Threads from M5 to 1/2"

Main features

1. Vacuum - 7,5 PSI (-0,5 Bar)
2. Instant connection
3. Full passage, no reduction flow
4. Optimized dimensions
5. Accurate regulation and precise motion control

Fluid

Druckluft (andere Medien auf Anfrage)

Druck

Schlauch: Ø4 – Ø12 mm
Druck: 0 ÷ 10 Bar
0 ÷ 150 PSI

Einsatztemperatur

0°C ÷ 60°C

Rohrmpfehlungen

1) Polyurethan - 2) Polyamid - 3) Polyethylen - 4) Nylon

Toleranzen

± 0.10 mm

Werkstoffen

Körper: vernickelt Messing oder Acetal
Bremsattel: Stahl SUS 301
Taste: Acetal
O-Ringe: NBR

Gewinde

BSPP zylindrisch - BSPT konischen Teflon - Metric O-Ring

Durchmesser und Gewinde

Durchmesser von 4 mm bis 12 mm - Gewinde von M5 bis 1/2"

Haupteigenschaften

1. Vakuumdichtigkeit - 7,5 PSI (-0,5 Bar)
2. Sofortige Installation
3. Voller Durchgang, keine Reduktion im Umfang
4. Schwere Fußabdruck
5. Präzise und feine Kontrolle

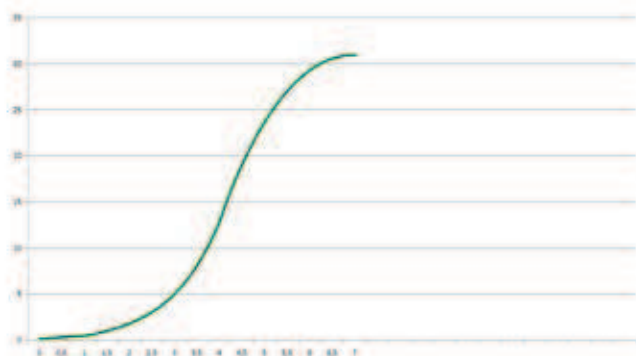
Dosatori di flusso per cilindro e valvola in polimero

Plastic flow regulators for cylinder and valve

Drosselrückschlagventil Kunststoff

DP79CM506

Portata (litri/minuto)
Flow (l./min.) - Durchsatz (l./min)



Giri Spillo - needle turn - Nadel Drehzahl

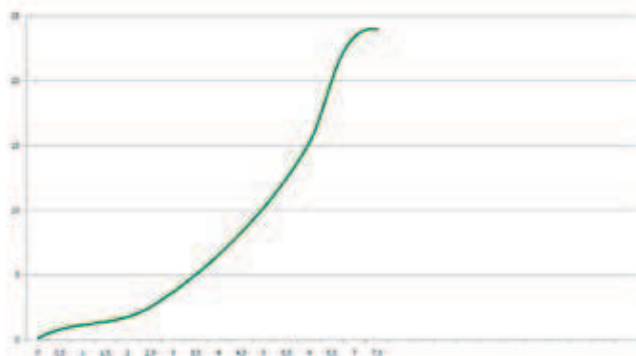
**Portata Max. asta libera
(senza raccordo) 32,3 NI/min.**

Max. flow free steam
(without fitting) 32,3 NI/min.
Maximal Durchsatz freie Drehestift
(ohne Verschraubung) 32,3 NI/min.

(pressione di ingresso 6 bar)
(inlet - pressure 6 bar)
(Einlauf Durchsatz 6 bar)

DP79PM506

Portata (litri/minuto)
Flow (l./min.) - Durchsatz (l./min)



Giri Spillo - needle turn - Nadel Drehzahl

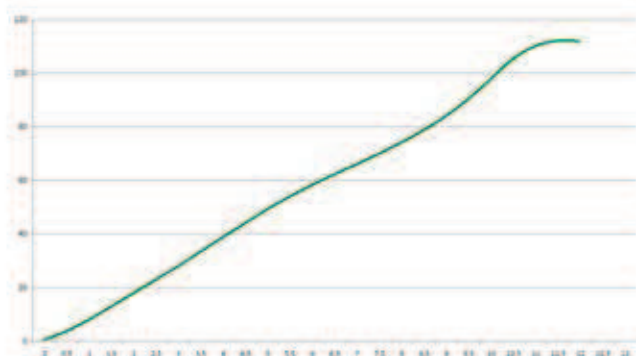
**Portata Max. asta libera
(senza raccordo) 27,2 NI/min.**

Max. flow free steam
(without fitting) 27,2 NI/min.
Maximal Durchsatz freie Drehestift
(ohne Verschraubung) 27,2 NI/min.

(pressione di ingresso 6 bar)
(inlet - pressure 6 bar)
(Einlauf Durchsatz 6 bar)

DP79C1806

Portata (litri/minuto)
Flow (l./min.) - Durchsatz (l./min)



Giri Spillo - needle turn - Nadel Drehzahl

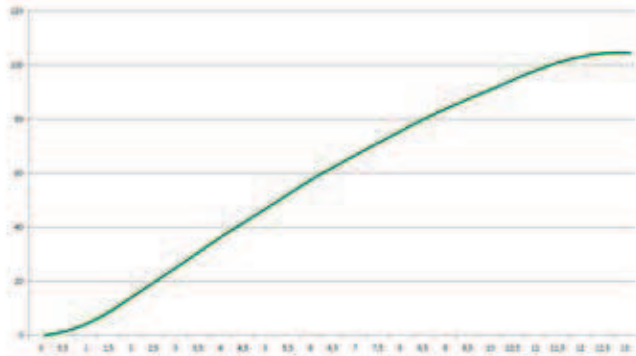
**Portata Max. asta libera
(senza raccordo) 110,5 NI/min.**

Max. flow free steam
(without fitting) 110,5 NI/min.
Maximal Durchsatz freie Drehestift
(ohne Verschraubung) 110,5 NI/min.

(pressione di ingresso 6 bar)
(inlet - pressure 6 bar)
(Einlauf Durchsatz 6 bar)

DP79P1806

Portata (litri/minuto)
Flow (l./min.) - Durchsatz (l./min)



Giri Spillo - needle turn - Nadel Drehzahl

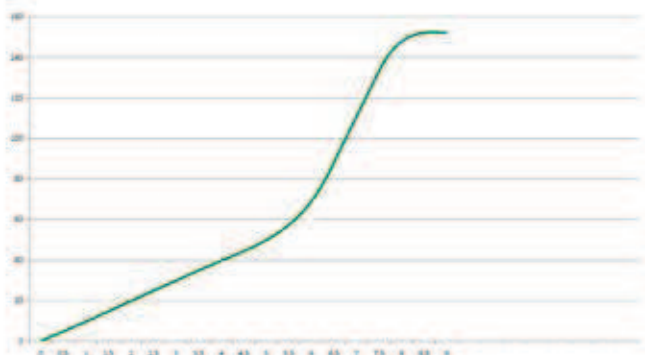
**Portata Max. asta libera
(senza raccordo) 110,5 NI/min.**

Max. flow free steam
(without fitting) 110,5 NI/min.
Maximal Durchsatz freie Drehestift
(ohne Verschraubung) 110,5 NI/min.

(pressione di ingresso 6 bar)
(inlet - pressure 6 bar)
(Einlauf Durchsatz 6 bar)

DP79C1408

Portata (litri/minuto)
Flow (l./min.) - Durchsatz (l/min)



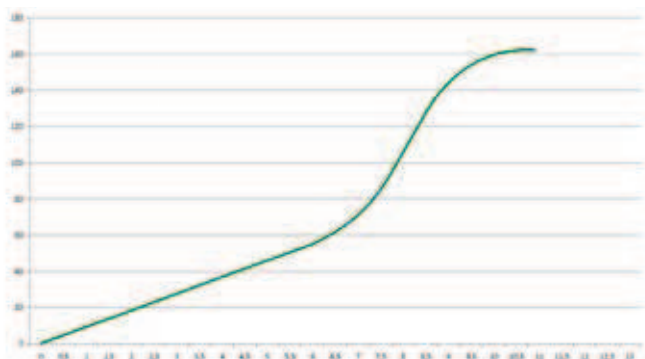
Giri Spillo - needle turn - Nadel Drehzahl

**Portata Max. asta libera
(senza raccordo) 151,3 NI/min.**
Max. flow free steam
(without fitting) 151,3 NI/min.
Maximal Durchsatz freie Drehestift
(ohne Verschraubung) 151,3 NI/min.

(pressione di ingresso 6 bar)
(inlet - pressure 6 bar)
(Einlauf Durchsatz 6 bar)

DP79P1408

Portata (litri/minuto)
Flow (l./min.) - Durchsatz (l/min)



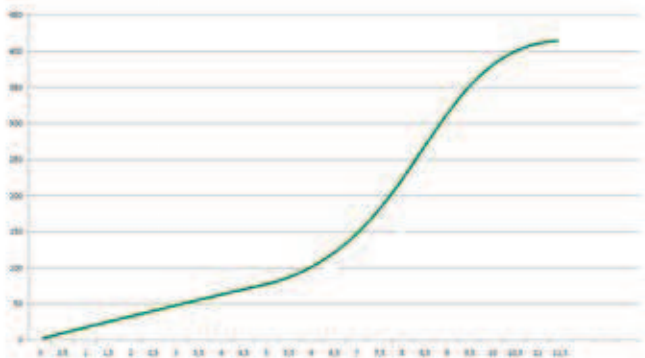
Giri Spillo - needle turn - Nadel Drehzahl

**Portata Max. asta libera
(senza raccordo) 161,5 NI/min.**
Max. flow free steam
(without fitting) 161,5 NI/min.
Maximal Durchsatz freie Drehestift
(ohne Verschraubung) 161,5 NI/min.

(pressione di ingresso 6 bar)
(inlet - pressure 6 bar)
(Einlauf Durchsatz 6 bar)

DP79C3812

Portata (litri/minuto)
Flow (l./min.) - Durchsatz (l/min)



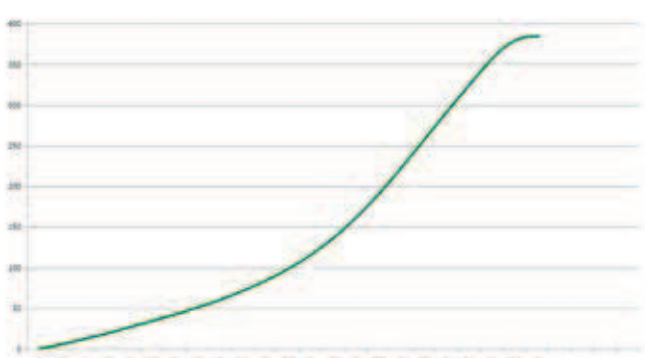
Giri Spillo - needle turn - Nadel Drehzahl

**Portata Max. asta libera
(senza raccordo) 425 NI/min.**
Max. flow free steam
(without fitting) 425 NI/min.
Maximal Durchsatz freie Drehestift
(ohne Verschraubung) 425 NI/min.

(pressione di ingresso 6 bar)
(inlet - pressure 6 bar)
(Einlauf Durchsatz 6 bar)

DP79P3812

Portata (litri/minuto)
Flow (l./min.) - Durchsatz (l/min)



Giri Spillo - needle turn - Nadel Drehzahl

**Portata Max. asta libera
(senza raccordo) 425 NI/min.**
Max. flow free steam
(without fitting) 425 NI/min.
Maximal Durchsatz freie Drehestift
(ohne Verschraubung) 425 NI/min.

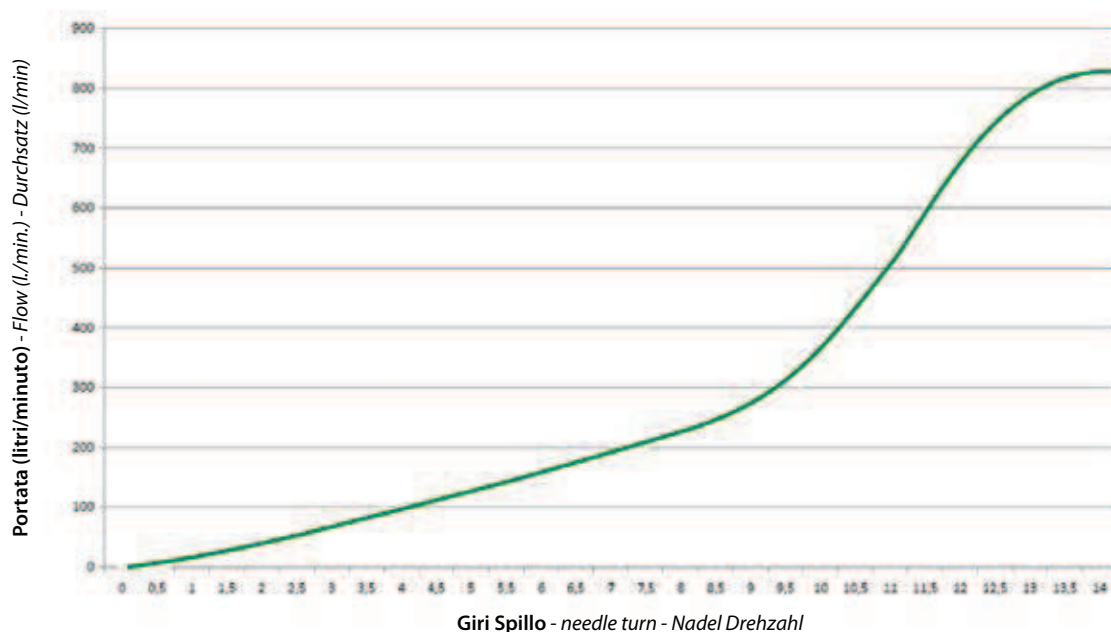
(pressione di ingresso 6 bar)
(inlet - pressure 6 bar)
(Einlauf Durchsatz 6 bar)

Dosatori di flusso per cilindro e valvola in polimero

Plastic flow regulators for cylinder and valve

Drosselrückschlagventil Kunststoff

DP79C1212



Portata Max. asta libera (senza raccordo) 1054 NI/min.

Max. flow free steam (without fitting) 1054 NI/min.

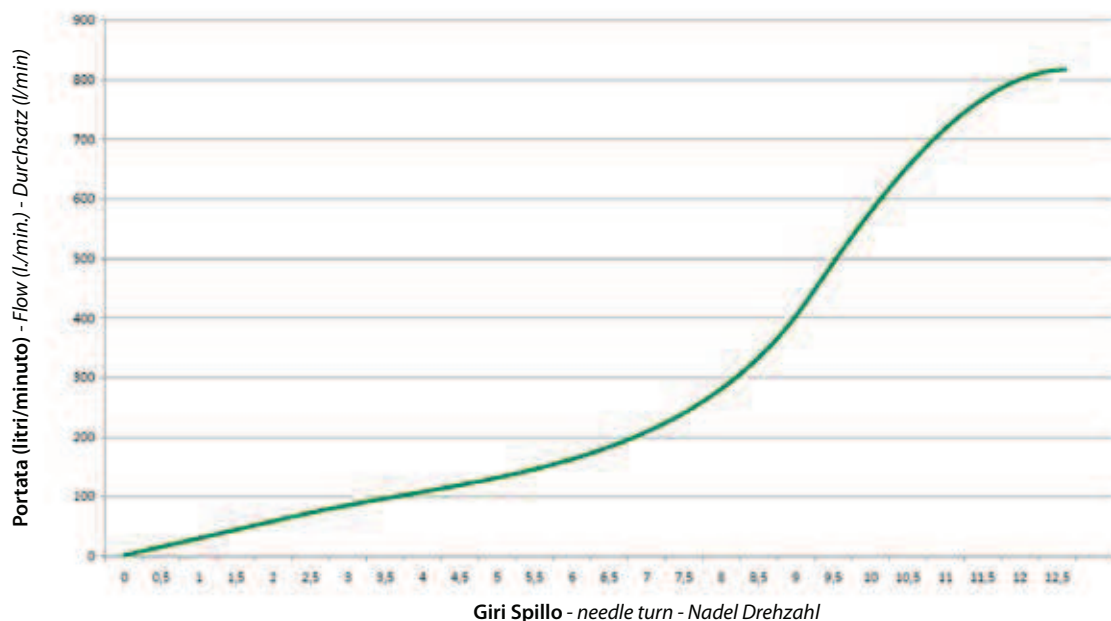
Maximal Durchsatz freie Drehestift (ohne Verschraubung) 1054 NI/min.

(pressione di ingresso 6 bar)

(inlet - pressure 6 bar)

(Einlauf Durchsatz 6 bar)

DP79P1212



Portata Max. asta libera (senza raccordo) 1054 NI/min.

Max. flow free steam (without fitting) 1054 NI/min.

Maximal Durchsatz freie Drehestift (ohne Verschraubung) 1054 NI/min.

(pressione di ingresso 6 bar)

(inlet - pressure 6 bar)

(Einlauf Durchsatz 6 bar)

Dosatori di flusso per cilindro e valvola in polimero (grigio)

Plastic flow regulators for cylinder and valve (grey)

Drosselrückschlagventil Kunststoff (grau Farbe)

DP-G

DP 78P-G new

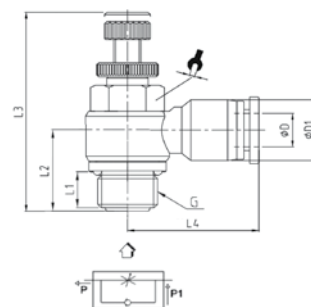


Dosatore per valvola unidirezionale cilindrico BSPP - metrico

Unidirectional regulator for valve parallel BSPP - metric

Drosselrückschlagventil für Ventil, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3 (max)	L4	ØD1	1	2	3
DP78PM504G	4	M5	3.5	12	32	20.5	11.5	8		10
DP78P1804G	4	G1/8	5.5	14	42	23.5	11.5	12		10
DP78PM506G	6	M5	3.5	12	32	22	13.5	8		10
DP78P1806G	6	G1/8	5.5	14	42	23.5	13.5	12		10
DP78P1406G	6	G1/4	7.5	18	48	25.4	13.5	14		10
DP78P1808G	8	G1/8	5.5	14.5	42	26.5	15	12		10
DP78P1408G	8	G1/4	7.5	19	48	28.9	15	14		10
DP78P3808G	8	G3/8	7.5	20.5	53	29.8	15	19		10
DP78P1410G	10	G1/4	7.5	20	48	32.6	19	14		10
DP78P3810G	10	G3/8	7.5	22.5	53	33	19	19		10



DP 79KP-G new

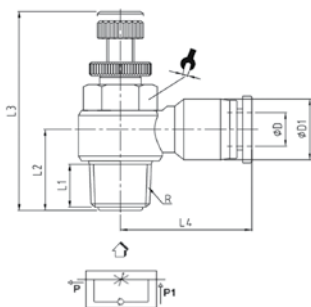


Dosatore per cilindro unidirezionale conico BSPT

Unidirectional regulator for cylinder taper BSPT

Drosselrückschlagventil für Zylinder, Konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3 (max)	L4	ØD1	1	2	3
DP79KP1804G	4	R1/8	6.4	14	42	23.5	11.5	12		10
DP79KP1404G	4	R1/4	10	18	48	25.5	11.5	14		10
DP79KP1806G	6	R1/8	6.4	14	42	23.5	13.5	12		10
DP79KP1406G	6	R1/4	10	18	48	25.4	13.5	14		10
DP79KP1808G	8	R1/8	6.4	14.5	42	26.5	15	12		10
DP79KP1408G	8	R1/4	10	19	48	28.9	15	14		10
DP79KP3808G	8	R3/8	11.4	20.5	53	29.8	15	19		10
DP79KP1410G	10	R1/4	10	20	48	32.6	19	14		10
DP79KP3810G	10	R3/8	11.4	22.5	53	33	19	19		10
DP79KP1212G	12	R1/2	14	30	61	36.5	21.5	24		10



DP 79P-G new

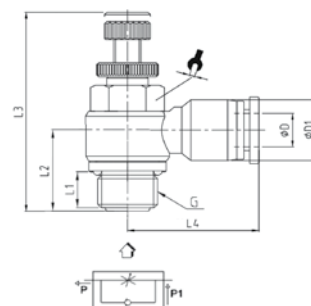


Dosatore per cilindro unidirezionale cilindrico BSPP - metrico

Unidirectional regulator for cylinder parallel BSPP - metric

Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3 (max)	L4	ØD1	1	2	3
DP79PM504G	4	M5	3.5	12	32	20.5	11.5	8		10
DP79P1804G	4	G1/8	5.5	14	42	23.5	11.5	12		10
DP79P1404G	4	G1/4	7.5	18	48	25.5	11.5	14		10
DP79PM506G	6	M5	3.5	12	32	22	13.5	8		10
DP79P1806G	6	G1/8	5.5	14	42	23.5	13.5	12		10
DP79P1406G	6	G1/4	7.5	18	48	25.4	13.5	14		10
DP79P3806G	6	G3/8	7.5	20.5	53	29.5	13.5	19		10
DP79P1808G	8	G1/8	5.5	14.5	42	26.5	15	12		10
DP79P1408G	8	G1/4	7.5	19	48	28.9	15	14		10
DP79P3808G	8	G3/8	7.5	20.5	53	29.8	15	19		10
DP79P1208G	8	G1/2	10	25.5	61	32.5	15	24		10
DP79P1410G	10	G1/4	7.5	20	48	32.6	19	14		10
DP79P3810G	10	G3/8	7.5	22.5	53	33	19	19		10
DP79P1210G	10	G1/2	10	25.5	61	36	19	24		10
DP79P1412G	12	G1/4	7.5	20	48	33.5	21.5	14		10
DP79P3812G	12	G3/8	7.5	24	53	35.5	21.5	19		10
DP79P1212G	12	G1/2	10	30	61	36.5	21.5	24		10



Dosatori di flusso per cilindro e valvola in polimero (grigio)

Plastic flow regulators for cylinder and valve (grey)

Drosselrückschlagventil Kunststoff (grau Farbe)

DP **79C-G** new

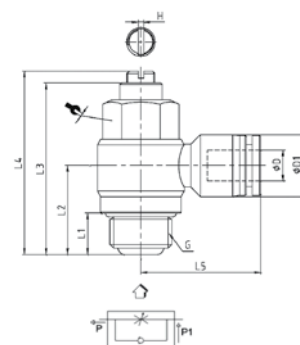


Dosatore per cilindro unidirezionale cilindrico BSPP - metrico

Unidirectional flow regulator for cylinder parallel BSPP - metric

Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4 (max)	L5	ØD1	H		
DP79CM504G	4	M5	3.2	10.5	23	23.5	20.3	11.3	0.5	8	10
DP79C1804G	4	G1/8	6	15	29	32	23	11.3	0.8	12	10
DP79CM506G	6	M5	3.2	11.5	23	23.5	21.8	13.3	5	8	10
DP79C1806G	6	G1/8	6	15	29	32	23	13.3	0.8	12	10
DP79C1406G	6	G1/4	8.5	18.5	34.8	37.5	25	13.3	1.2	14	10
DP79C1808G	8	G1/8	6	15.8	29	32	25.8	15	0.8	12	10
DP79C1408G	8	G1/4	8.5	19.5	34.8	37.5	28.9	15	1.2	14	10
DP79C3808G	8	G3/8	10	21.3	40.8	43.5	29.8	15	1.2	19	10
DP79C1410G	10	G1/4	8.5	21.2	34.8	37.5	32.7	19	1.2	14	10
DP79C3810G	10	G3/8	10	23.2	40.8	43.5	33	19	1.2	19	10
DP79C1210G	10	G1/2	12	26.2	46.6	51	36	19	1.6	24	10
DP79C3812G	12	G3/8	10	24.5	40.8	43.5	35.5	21.5	1.2	19	10
DP79C1212G	12	G1/2	12	27.5	46.6	51	36.5	21.5	1.6	24	10



DP **81-G** new



Dosatore di flusso in linea

Flat flow regulator

Drosselrückschlagventil

Codice/Code	ØD	ØD1	L	L2 (max)	L3	ØD2	L1		
DP810400G	4	10.5	40.5	16	6.5	3.2	14		10
DP810600G	6	12.5	48.7	25.5	8.5	4.3	20		10
DP810800G	8	14	54.4	25	9.5	4.3	22		10
DP811000G	10	18	64.3	29.5	10.5	4.3	26		10
DP811200G	12	20.6	74.6	27.5	13	4.3	32		10

