

Table of contents

Filter FY
Page 12-05

Two piece air service unit FROY
Page 12-15

Pressure regulator RY
Page 12-07

Ball valve KY
Page 12-17

Precision pressure regulator RYP
Page 12-09

Soft start valve DAY
Page 12-18

Filter regulator FRY
Page 12-11

3/2-way inline valve VMY
Page 12-19

Lubricator OY
Page 12-13

Non-return valve NY
Page 12-20


Table of contents

Distributor block TY Page 12-21



Lubricator OX Page 12-32



Series Y, accessories Page 12-23



Two piece air service unit FROX Page 12-33



Filter FX Page 12-26



Ball valve KX Page 12-35



Pressure regulator RX Page 12-28



Soft start valve DAX Page 12-36



Filter regulator FRX Page 12-30



3/2-way inline valve VMX Page 12-37



Table of contents

Distributor block TX Page 12-38



Lubricator OK Page 12-46



Series X, accessories Page 12-39



Two piece air service unit FROK Page 12-47



Filter FK Page 12-40



Ball valve KK Page 12-49



Pressure regulator RK Page 12-42



Soft start valve DAK Page 12-50



Filter regulator FRK Page 12-44



3/2-way inline valve VMK Page 12-51



Table of contents

Distributor block TK Page 12-52



Series K, accessories Page 12-53



Pressure regulator RD Page 12-54



Precision pressure regulator RP Page 12-55



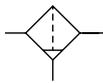
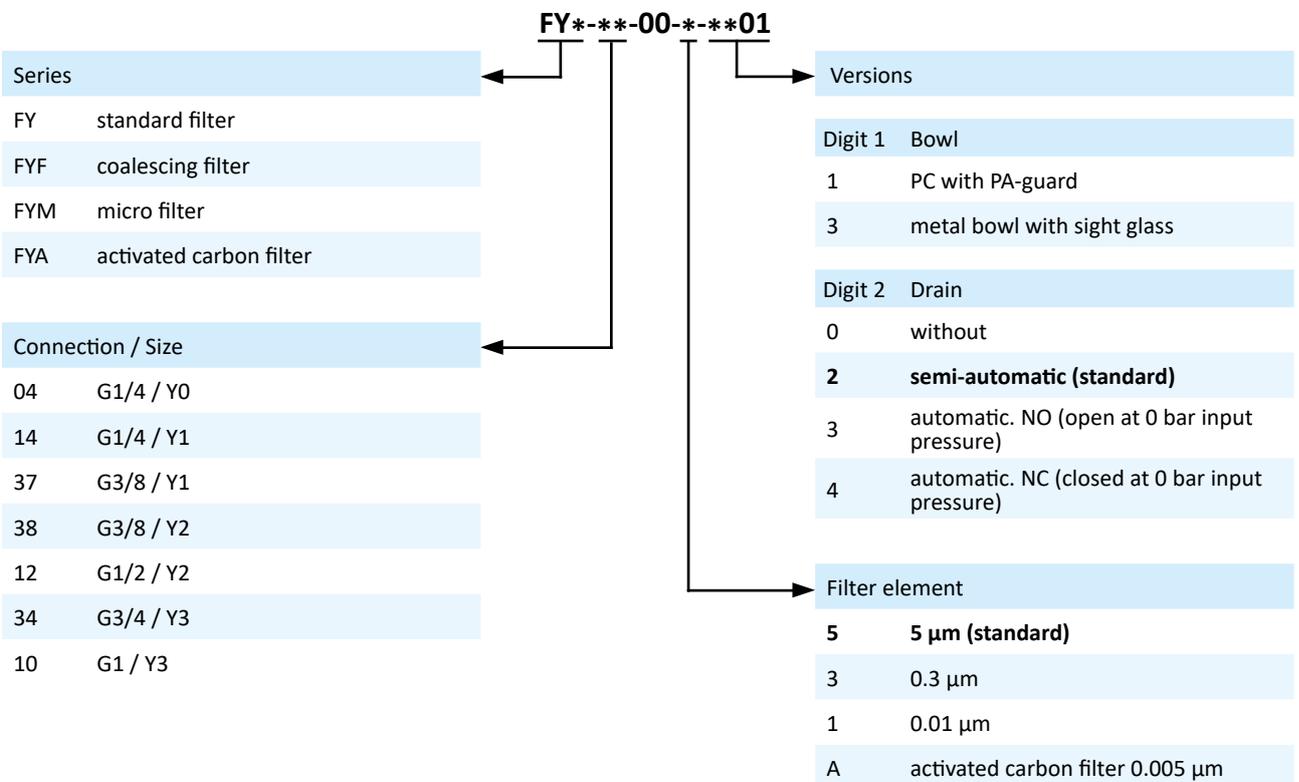
Gauge MXA Page 12-57



Technical details

Temperature range	-10°C ... +50°C
Input range	1.5 ... 16 bar (size Y0 max. 12 bar)
Mounting	vertically, drain at bottom
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: Grivory (PA66), bowl: PC, seals: NBR, inner parts: POM

Sintered filter according to the centrifugal force principle.


Order code


Filter FY

Technical data

Model-no.:	FY-04-...	FY-14-...	FY-37-...	FY-38-...	FY-12-...	FY-34-...	FY-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (NI/min)*	1000	2000	2000	3500	5100	8000	8000
Bowl volume (cm ³)	16	28	28	49	49	87	87
Weight (kg)	0.13	0.25	0.24	0.42	0.40	0.89	0.86

* Measured at p1 = 6 bar and Δp = 1 bar.

Model-no.:	FYF-04-...	FYF-14-...	FYF-37-...	FYF-38-...	FYF-12-...	FYF-34-...	FYF-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (NI/min)*	450	500	500	750	750	2000	2000
Bowl volume (cm ³)	16	28	28	49	49	87	87
Weight (kg)	0.13	0.28	0.27	0.46	0.44	1.02	0.95

* Measured at p1 = 6 bar and Δp = 0.2 bar.

Model-no.:	FYM-04-...	FYM-14-...	FYM-37-...	FYM-38-...	FYM-12-...	FYM-34-...	FYM-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (NI/min)*	350	350	350	450	450	1500	1500
Bowl volume (cm ³)	16	28	28	49	49	87	87
Weight (kg)	0.13	0.28	0.27	0.46	0.44	1.02	0.95

* Measured at p1 = 6 bar and Δp = 0.1 bar.

Model-no.:	FYA-04-...	FYA-14-...	FYA-37-...	FYA-38-...	FYA-12-...	FYA-34-...	FYA-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (NI/min)*	500	500	500	1600	1600	3000	3000
Weight (kg)	0.14	0.26	0.25	0.44	0.42	0.97	0.91

* Measured at p1 = 6 bar and Δp = 0.2 bar.

Accessories

Coupling kits for wall mounting KPY-W



Coupling kits KPY-K



Mounting brackets WYP



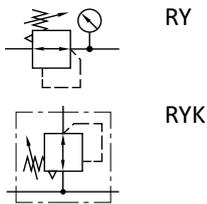
Details: page 12-23

Pressure regulator RY

Technical details

Temperature range	-10°C ... +50°C
Input range	max. 16 bar (size Y0 max. 12 bar)
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: Grivory (PA66) and POM, seals: NBR, inner parts: zinc coated steel, stainless steel and brass

Pressure regulator with diaphragm and relieving feature.
Locking: rotary lock and padlock possible.



Order code

RY-**-**-0-00*1		Series	Versions
RY	standard	Series	Digit 3 Gauge, flow direction
RYK	with continuous pressure supply	Connection / Size	0 without gauge, flow from left to right
		04 * G1/4 / Y0	1 without gauge, flow from right to left
		14 G1/4 / Y1	2 with gauge, flow from left to right (standard)
		37 G3/8 / Y1	3 with gauge, flow from right to left
		38 G3/8 / Y2	
		12 G1/2 / Y2	
		34 G3/4 / Y3	
		10 G1 / Y3	
		Output range	
		04 0.2 ... 4 bar	
		08 0.5 ... 8 bar	
		10 0.5 ... 10 bar (standard)	

* RY-04, RYK-04 only with integrated gauge and flow from left to right available.

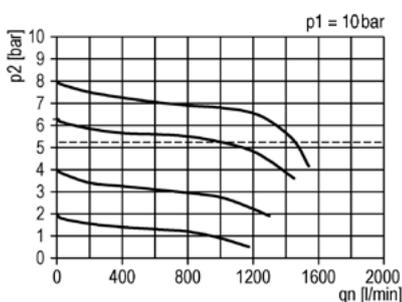
Pressure regulator RY

Technical data

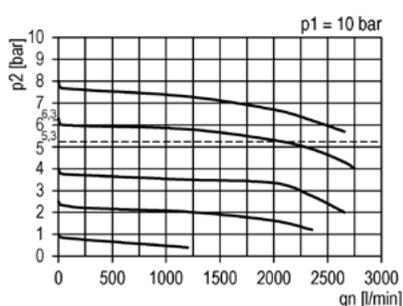
Model-no.:	RY-04-...	RY-14-...	RY-37-...	RY-38-...	RY-12-...	RY-34-...	RY-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (l/min)	1000	2200	2600	4300	5100	14000	14000
Internal air consumption	-	-	-	-	-	max. 1.5 l/min	max. 1.5 l/min
Weight (kg)	0.17	0.30	0.29	0.52	0.50	1.02	0.95

Flow characteristic

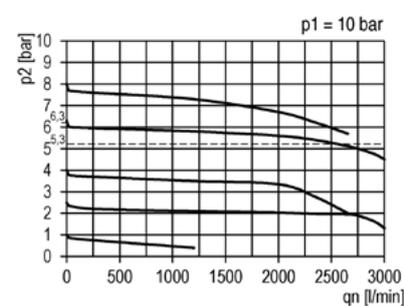
RY-04



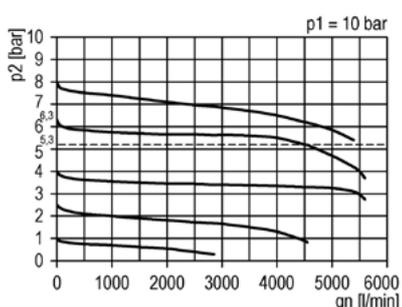
RY-14



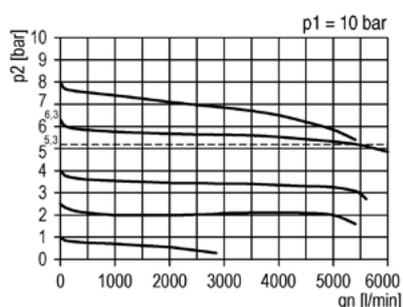
RY-37



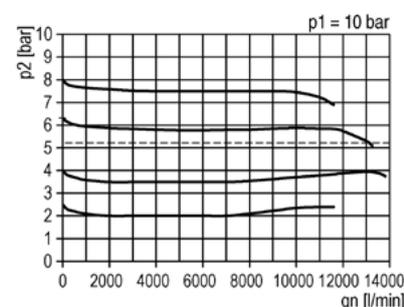
RY-38



RY-12



RY-34, RY-10



Accessories

Mounting brackets WYL



Mounting brackets WYP



Coupling kits for wall mounting KPY-W



Coupling kits KPY-K



Mounting nut RMY



Details: see page 12-23

Precision pressure regulator RYP

Technical details

Temperature range	-10°C ... +50°C
Input range	max. 16 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: Grivory (PA66) and POM, seals: NBR, inner parts: zinc coated steel, stainless steel and brass

Precision pressure regulator with diaphragm and relieving feature.
 Locking: rotary lock and padlock possible.



Order code

RYP-***-**-0-00*1		Series	Connection / Size	Output range	Versions
Digit 1	Digit 2	Digit 3	Digit 4	Digit 5	Digit 6
					0 without gauge, flow from left to right (standard)
					1 without gauge, flow from right to left
					2 with gauge, flow from left to right
					3 with gauge, flow from right to left

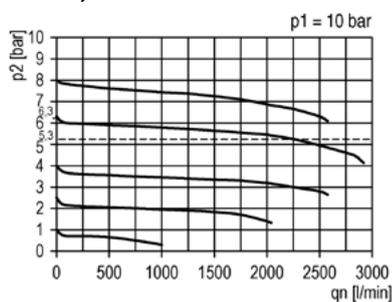
Precision pressure regulator RYP

Technical data

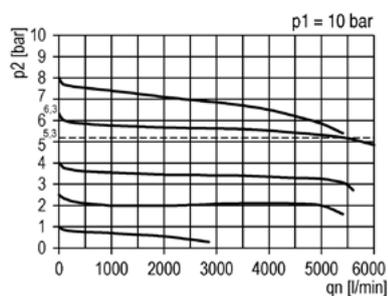
Model-no.:	RYP-14-...	RYP-37-...	RYP-38-...	RYP-12-...
Connection	G1/4	G3/8	G3/8	G1/2
Size	Y1	Y1	Y2	Y2
Flow (NI/min)	2200	2200	5000	5000
Internal air consumption	max. 2.6 l/min	max. 2.6 l/min	max. 2.6 l/min	max. 2.6 l/min
Weight (kg)	0.30	0.29	0.51	0.49

Flow characteristic

RYP-14, RYP-37

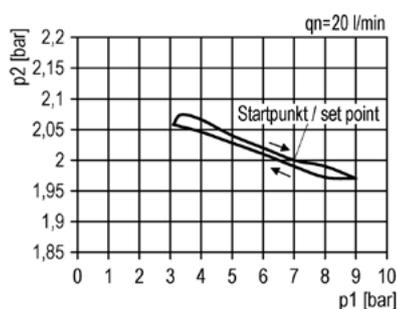


RYP-38, RYP-12

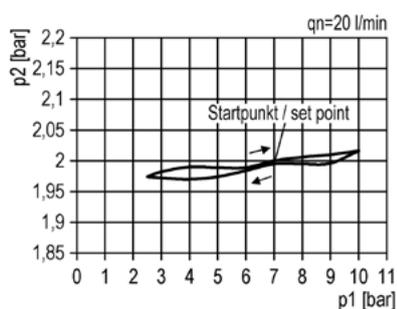


Hysterese

RYP-14, RYP-37



RYP-38, RYP-12



Accessories

Mounting brackets WYL



Mounting brackets WYP



Coupling kits for wall mounting KPY-W



Coupling kits KPY-K



Mounting nut RMY



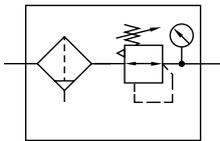
Details: see page 12-23

Filter regulator FRY

Technical details

Temperature range	-10°C ... +50°C
Input range	1.5 ... 16 bar (size Y0 max. 12 bar)
Mounting	vertically, drain at bottom
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: Grivory (PA66) and POM, bowl: PC, seals: NBR, inner parts: zinc coated steel, stainless steel and brass

Combination of pressure regulator with diaphragm and relieving feature and sintered filter according to the centrifugal force principle.
Locking: rotary lock and padlock possible.



Order code

FRY-***-**-5-***1	
Series	Versions
Connection / Size	Digit 1 Bowl
04 * G1/4 / Y0	1 PC with PA-guard
14 G1/4 / Y1	3 metal bowl with sight glass
37 G3/8 / Y1	Digit 2 Drain
38 G3/8 / Y2	2 semi-automatic (standard)
12 G1/2 / Y2	3 automatic, NO (open at 0 bar input pressure)
34 G3/4 / Y3	4 automatic, NC (closed at 0 bar input pressure)
10 G1 / Y3	Digit 3 Gauge, flow direction
Output range	0 without gauge, flow from left to right
04 0.2 ... 4 bar	1 without gauge, flow from right to left
08 0.5 ... 8 bar	2 with gauge, flow from left to right (standard)
10 0.5 ... 10 bar (standard)	3 with gauge, flow from right to left
Filter element	
5 5 µm	

* FRY-04 only with integrated gauge and flow from left to right available.

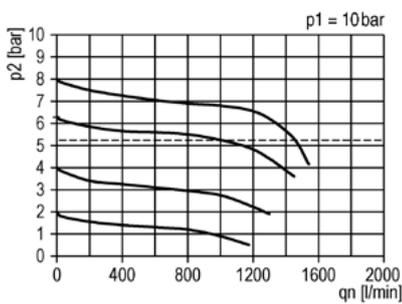
Filter regulator FRY

Technical data

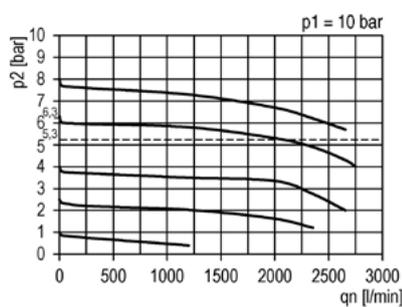
Model-no.:	FRY-04-...	FRY-14-...	FRY-37-...	FRY-38-...	FRY-12-...	FRY-34-...	FRY-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (l/min)	1000	2200	2600	4300	5200	14000	14000
Internal air consumption	-	-	-	-	-	max. 1.5 l/min	max. 1.5 l/min
Bowl volume (cm ³)	16	28	28	49	49	87	87
Weight (kg)	0.23	0.36	0.36	0.85	0.85	0.99	0.99

Flow characteristic

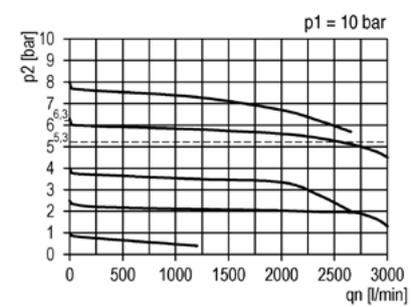
FRY-04



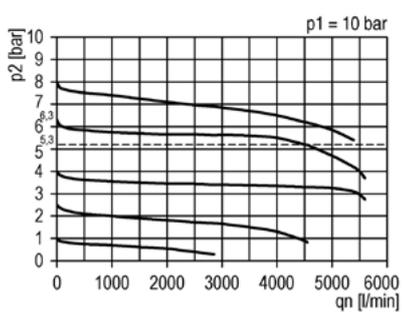
FRY-14



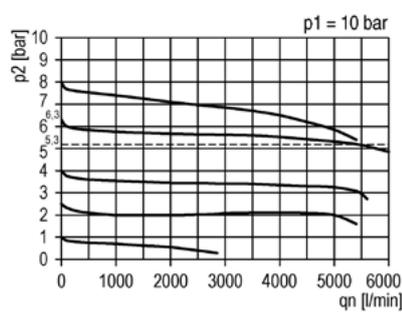
FRY-37



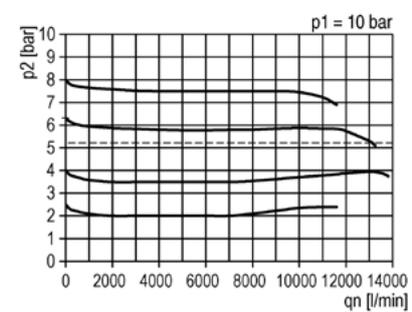
FRY-38



FRY-12



FRY-34, FRY-10



Accessories

Mounting brackets WYL



Mounting brackets WYP



Coupling kits for wall mounting KPY-W



Coupling kits KPY-K



Mounting nut RMY



Details: see page 12-23

Technical details

Temperature range	-10°C ... +50°C
Input range	max. 16 bar (size Y0 max. 12 bar)
Mounting	vertically
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: Grivory (PA66), seals: NBR, inner parts: plastic and brass

Micro lubricator (size Y0)
Lubricator with automatic oil filling (scale Y1 to Y3)


Order code

Series		Versions	
		Digit 1	Bowl
04	G1/4 / Y0	1	PC with PA-guard
14	G1/4 / Y1	3	metal bowl with sight glass
37	G3/8 / Y1		
38	G3/8 / Y2		
12	G1/2 / Y2		
34	G3/4 / Y3		
10	G1 / Y3		

OY-**-00-0-*001

Lubricator OY

Technical data

Model-no.:	OY-04-...	OY-14-...	OY-37-...	OY-38-...	OY-12-...	OY-34-...	OY-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (l/min)	1400	2800	2800	8000	8000	16000	16000
Lubricator operating limit (l/min)	30	100	100	70	70	115	115
Bowl volume lubricator (cm ³)	35	40	40	80	80	181	181
Weight (kg)	0.15	0.27	0.26	0.43	0.41	0.95	0.89

Accessories

Coupling kits for wall mounting KPY-W



Coupling kits KPY-K



Mounting brackets WYP



Details: see page 12-23

Two piece air service unit FROY

Technical details

Temperature range	-10°C ... +50°C
Input range	1.5 ... 16 bar (size Y0 max. 12 bar)
Mounting	vertically, drain at bottom
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: Grivory (PA66) and POM, bowl: PC, seals: NBR, inner parts: zinc coated steel, stainless steel and brass

Combination of filter, regulator and lubricator.
 Locking: rotary lock and padlock possible.



Order code

Series		Versions	
<p style="text-align: center;">FROY-***-**-5-***1</p>		Digit 1	Bowl
04 *	G1/4 / Y0	1	PC with PA-guard
14	G1/4 / Y1	3	metal bowl with sight glass
37	G3/8 / Y1	Digit 2	Drain
38	G3/8 / Y2	2	semi-automatic (standard)
12	G1/2 / Y2	3	automatic, NO (open at 0 bar input pressure)
34	G3/4 / Y3	4	automatic, NC (closed at 0 bar input pressure)
10	G1 / Y3	Digit 3	Gauge, flow direction
Output range		0	without gauge, flow from left to right
04	0.2 ... 4 bar	1	without gauge, flow from right to left
08	0.5 ... 8 bar	2	with gauge, flow from left to right (standard)
10	0.5 ... 10 bar (standard)	3	with gauge, flow from right to left
Filter element		*	FROY-04 only with integrated gauge and flow from left to right available.
5	5 µm		

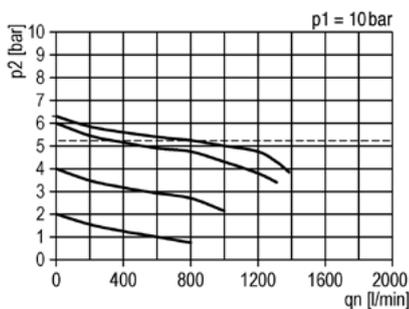
Two piece air service unit FROY

Technical data

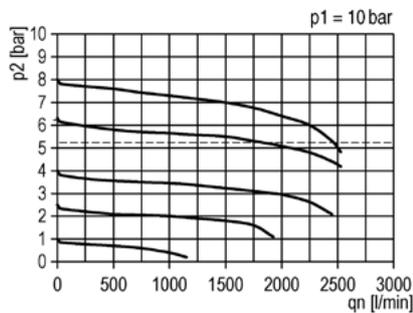
Model-no.:	FROY-04-...	FROY-14-...	FROY-37-...	FROY-38-...	FROY-12-...	FROY-34-...	FROY-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (NI/min)	600	1800	1800	3500	3500	12000	12000
Lubricator operating limit (NI/min)	30	100	100	70	70	115	115
Internal air consumption	-	-	-	-	-	max. 1.5 l/min	max. 1.5 l/min
Bowl volume (cm ³)	16	28	28	49	49	87	87
Bowl volume lubricator (cm ³)	35	40	40	80	80	181	181
Weight (kg)	0.39	0.67	0.65	1.09	1.06	2.27	2.13

Flow characteristic

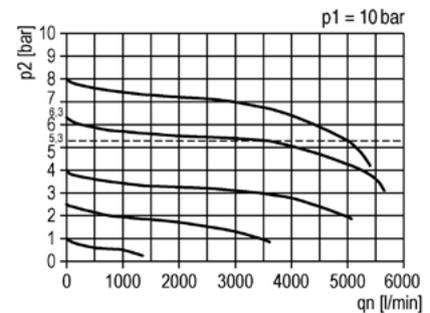
FROY-04



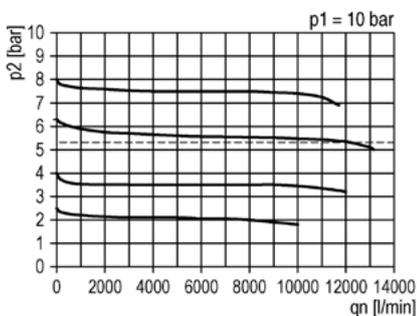
FROY-14, FROY-37



FROY-38, FROY-12



FROY-34, FROY-10



Accessories

Mounting brackets WYL



Mounting brackets WYP



Coupling kits for wall mounting KPY-W



Coupling kits KPY-K



Mounting nut RMY



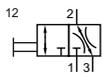
Details: see page 12-23

Technical details

Temperature range	-10°C ... +50°C
Input range	max. 16 bar (size Y0 max. 12 bar)
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: Grivory (PA66), seals: NBR, inner parts: plastic and brass



3/2 directional control valve, operated by a knob, 3-fold.
 Locking: rotary lock and padlock possible.
 Silencer is mounted in exhaust.


Order code

		KY-**-00-0-0001
Series		←
Connection / Size		←
04	G1/4 / Y0	
14	G1/4 / Y1	
37	G3/8 / Y1	
38	G3/8 / Y2	
12	G1/2 / Y2	
34	G3/4 / Y3	
10	G1 / Y3	

Technical data

Model-no.:	KY-04-...	KY-14-...	KY-37-...	KY-38-...	KY-12-...	KY-34-...	KY-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (1-2 in NI/min)	2300	1900	1900	11000	11000	25000	25000
Weight (kg)	0.10	0.27	0.26	0.54	0.52	1.19	1.15

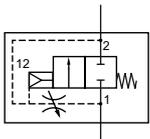
Soft start valve DAY

Technical details

Temperature range	-10°C ... +50°C
Input range	2.5 ... 16 bar (size Y0 max. 12 bar)
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: Grivory (PA66), seals: NBR, inner parts: plastic, stainless steel and brass



Poppet valve, operated by secondary pressure
The filling time is adjustable.



Order code

		DAY-**-00-0-0001
Series		←
Connection / Size		←
04	G1/4 / Y0	
14	G1/4 / Y1	
37	G3/8 / Y1	
38	G3/8 / Y2	
12	G1/2 / Y2	
34	G3/4 / Y3	
10	G1 / Y3	

Technical data

Model-no.:	DAY-04-...	DAY-14-...	DAY-37-...	DAY-38-...	DAY-12-...	DAY-34-...	DAY-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (NI/min)	2000	2000	2000	4500	4500	10000	10000
Weight (kg)	0.14	0.24	0.22	0.54	0.52	0.79	0.63

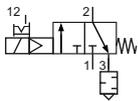
3/2-way inline valve VMY

Technical details

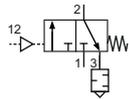
Temperature range	-10°C ... +50°C
Input range	electrically operated: 2 ... 10 bar pneumatically operated: max. 16 bar (size Y0 max. 12 bar)
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: Grivory (PA66) and POM, seals: NBR, inner parts: zinc coated steel, stainless steel and brass
Protection	IP 65 according to EN 60529



3/2-way poppet valve, electrically or pneumatically operated.
Silencer is mounted in exhaust.
Plug socket is included.



electrically operated
3/2-way, single solenoid, mechanical
spring return, NC



pneumatically operated
3/2-way, single pilot, mechanical
spring return, NC

Order code

Series		VMY-**-00-0-000*		Versions	
Connection / Size		Digit 4	Version		
04	G1/4 / Y0		A	24 V DC, 2.5 W	
14	G1/4 / Y1		D	115 V AC, 3 VA	
37	G3/8 / Y1		E	230 V AC, 3 VA	
38	G3/8 / Y2		F	pneumatically operated	
12	G1/2 / Y2				
34	G3/4 / Y3				
10	G1 / Y3				

Technical data

Model-no.:	VMY-04-...	VMY-14-...	VMY-37-...	VMY-38-...	VMY-12-...	VMY-34-...	VMY-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (1-2 in NI/min)	2000	2000	2000	4300	4300	12500	12500
Weight (Version A-E) (kg)	0.22	0.28	0.27	0.59	0.58	0.78	0.71
Weight (Version F) (kg)	0.19	0.25	0.24	0.56	0.55	0.75	0.68

Non-return valve NY

Technical details

Temperature range	-10°C ... +50°C
Input range	2.5 ... 16 bar (size Y0 max. 12 bar)
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: Grivory (PA66), seals: NBR, inner parts: plastic, stainless steel and brass



Poppet valve, spring loaded.



Order code

Series		Connection / Size	
04	G1/4 / Y0	14	G1/4 / Y1
37	G3/8 / Y1	38	G3/8 / Y2
12	G1/2 / Y2	34	G3/4 / Y3
34	G3/4 / Y3	10	G1 / Y3

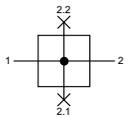
NY--00-0-0001**

Technical data

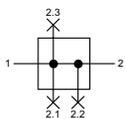
Model-no.:	NY-04-...	NY-14-...	NY-37-...	NY-38-...	NY-12-...	NY-34-...	NY-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (l/min)	2000	2000	2000	4500	4500	10000	10000
Weight (kg)	0.14	0.24	0.22	0.54	0.52	0.79	0.63

Technical details

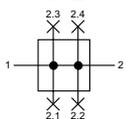
Temperature range	-10°C ... +50°C
Input range	max. 16 bar (size Y0 max. 12 bar)
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: Grivory (PA66), seals: NBR, inner parts: plastic and brass



Distributor block, 2 outlets
Series TY-04, TY-34, TY-10



Distributor block, 3 outlets
Series TY-14, TY-37



Distributor block, 4 outlets
Series TY-38, TY-12

Order code

Series		TY-**-00-0-0001	
Series		←	←
Connection / Size		←	←
04	G1/4 / Y0		
14	G1/4 / Y1		
37	G3/8 / Y1		
38	G3/8 / Y2		
12	G1/2 / Y2		
34	G3/4 / Y3		
10	G1 / Y3		

Distributor block TY

Technical data

Model-no.:	TY-04-...	TY-14-...	TY-37-...	TY-38-...	TY-12-...	TY-34-...	TY-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Connection 2.1 (bottom)	G1/4	G1/4	G1/4	G3/8	G3/8	G3/4	G3/4
Connection 2.2 (top)	G1/4	G1/4	G1/4	G1/4	G1/4	G3/4	G3/4
Connection 2.3 (front)	-	G1/4	G1/4	G3/8	G3/8	-	-
Connection 2.4 (backward)	-	-	-	G3/8	G3/8	-	-
Flow (1-2 in NI/min)	2300	2700	2700	7250	7250	18000	18000
Flow (1-2.1 in NI/min)	950	2000	2000	5500	5500	12000	12000
Flow (1-2.2 in NI/min)	2000	2000	2000	22500	22500	8500	8500
Flow (1-2.3 in NI/min)	-	900	900	2300	2300	-	-
Flow (1-2.4 in NI/min)	-	-	-	2300	2300	-	-
Weight (kg)	0.10	0.19	0.17	0.35	0.33	0.88	0.82

Accessories

Coupling kits for wall mounting KPY-W



Coupling kits KPY-K



Mounting brackets WYP

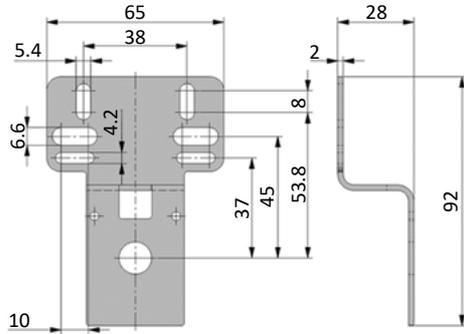
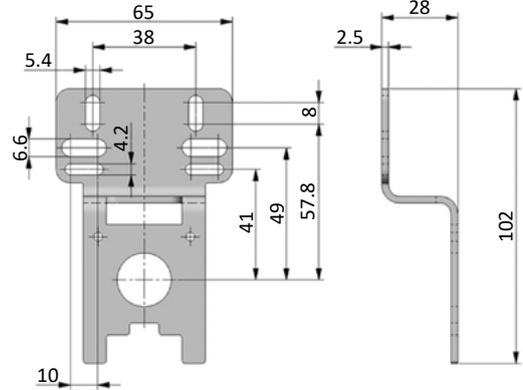
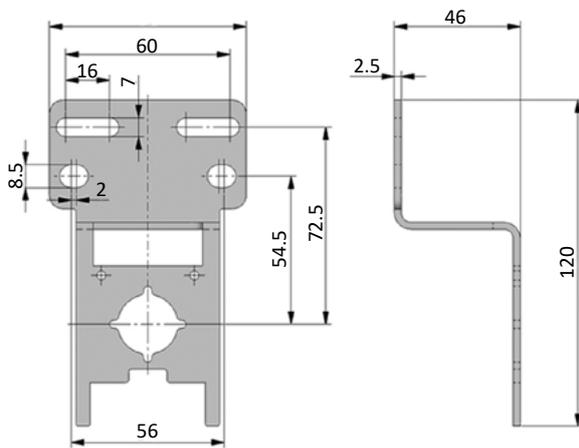
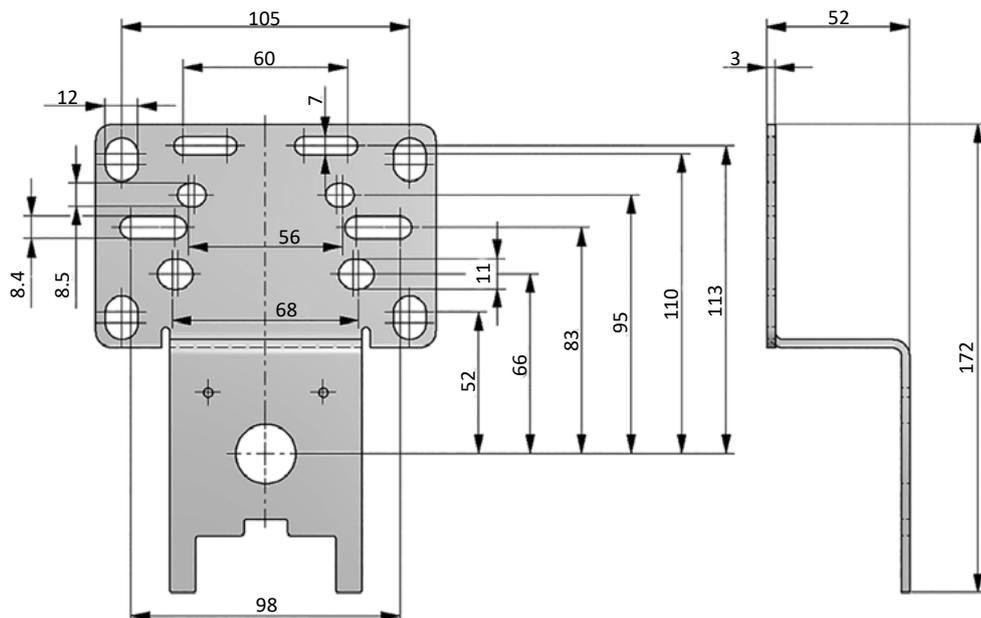


Details: see page 12-23

Bracket kit WYP

Bracket kit made of zinc coated steel.

The bracket can be mounted at the rear side after removing the rear cover of the unit. The 2 mounting screws are included.

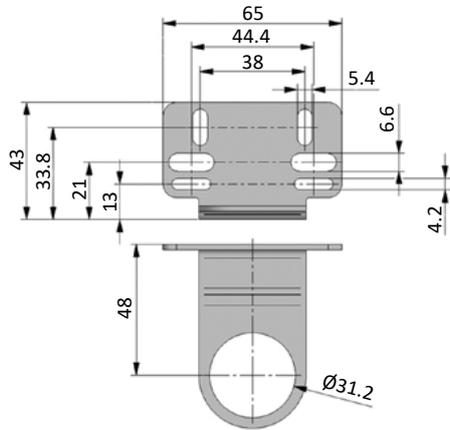
WYP-00

WYP-01

WYP-02

WYP-03


Fastening elements

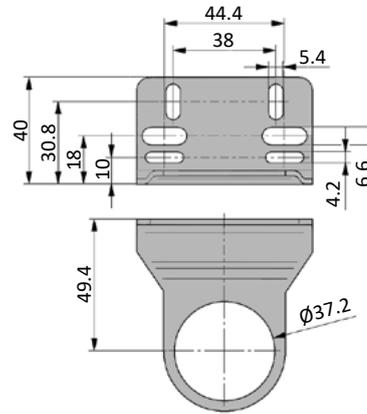
Mounting brackets WYL

Mounting brackets made of zinc coated steel. Assembling with mounting nut (not included).

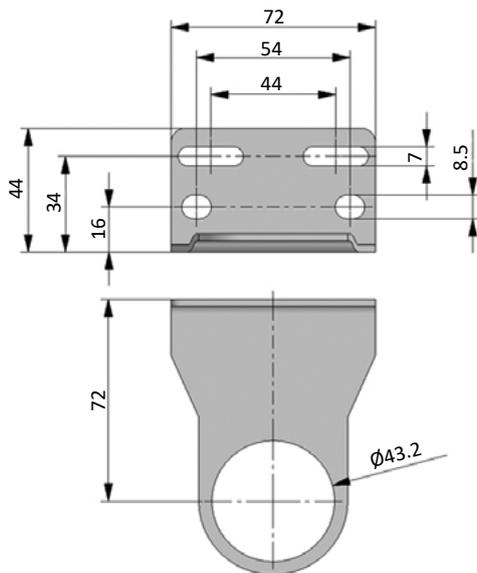
WYL-00



WYL-01



WYL-02

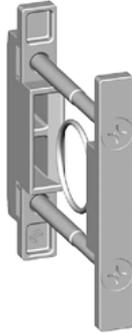


Coupling kits KPY-K

KPY-00-K, KPY-01-K



KPY-02-K

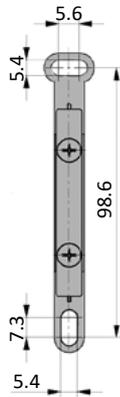
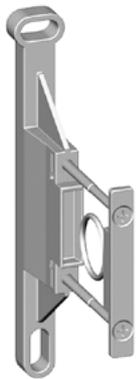


KPY-03-K

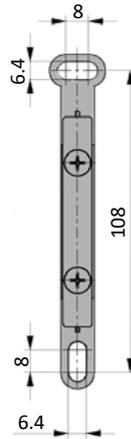
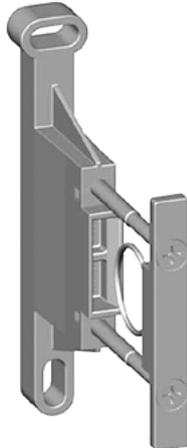


Coupling kits for wall mounting KPY-W

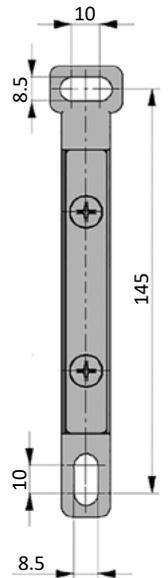
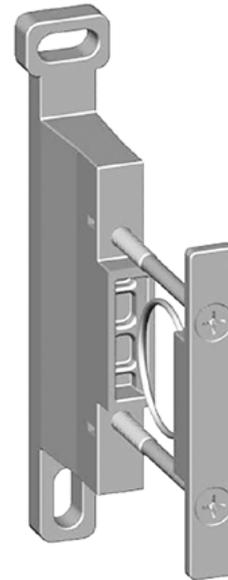
KPY-00-W, KPY-01-W



KPY-02-W



KPY-03-W



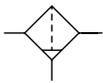
Filter FX

Technical details

Temperature range	-10°C ... +60°C
Input range	1.5 ... 16 bar
Mounting	vertically, drain at bottom
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, bowl: PC, seals: NBR, inner parts: POM



Sintered filter according to the centrifugal force principle.



Order code

FX***-00-***01	
Series	Versions
FX standard filter	Digit 1 Bowl
FXF* coalescing filter	1 PC
FXM* micro filter	3 metal bowl with sight glass
FXA* activated carbon filter	4 PC with guard
Connection / Size	Digit 2 Drain
14 G1/4 / X1	0 without
37 G3/8 / X1	2 semi-automatic (standard)
12 G1/2 / X2	3 automatic, NO (open at 0 bar input pressure)
34 G3/4 / X2	4 automatic, NC (closed at 0 bar input pressure)
	Filter element
	5 5 µm (standard)
	3 0.3 µm
	1 0.01 µm
	A activated carbon filter 0.005 µm

* only for connections 14 and 12 available.

Technical data

Model-no.:	FX-14-...	FX-37-...	FX-12-...	FX-34-...
Connection	G1/4	G3/8	G1/2	G3/4
Size	X1	X1	X2	X2
Flow (NI/min)*	2100	2100	4000	4000
Bowl volume (cm ³)	25	25	50	50
Weight (kg)	0.30	0.29	0.78	0.70

* Measured at p₁ = 6 bar and Δp = 1 bar.

Model-no.:	FXF-14-...	FXF-12-...	FXM-14-...	FXM-12-...	FXA-14-...	FXA-12-...
Connection	G1/4	G1/2	G1/4	G1/2	G1/4	G1/2
Size	X1	X2	X1	X2	X1	X2
Flow (NI/min)*	380	1500	280	720	380	1500
Bowl volume (cm ³)	25	49	25	49		
Weight (kg)	0.31	0.75	0.31	0.75	0.32	0.81

* Measured at p₁ = 6 bar and Δp = 0.2 bar (for FXM Δp = 0.1 bar) .

Accessories
Coupling kits KPX

Mounting brackets WX


Details: see page 12-39

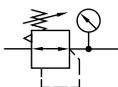
Pressure regulator RX

Technical details

Temperature range	-10°C ... +60°C
Input range	max. 16 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: zinc coated steel, stainless steel and brass



Pressure regulator with diaphragm and relieving feature.
Locking: rotary lock possible.

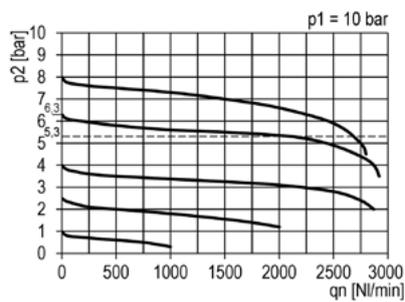
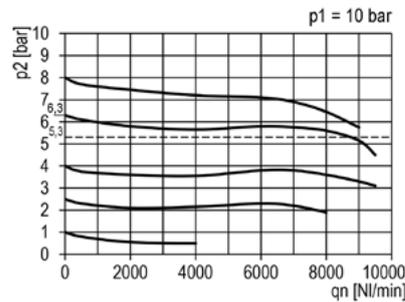


Order code

Series		Versions	
<p>RX-***-**-0-00**</p>		<p>Digit 3 Gauge, flow direction</p>	
<p>← Connection / Size</p>		<p>0 without gauge, flow from left to right</p>	
14	G1/4 / X1	1 without gauge, flow from right to left	
37	G3/8 / X1	2 with gauge, flow from left to right (standard)	
12	G1/2 / X2	3 with gauge, flow from right to left	
34	G3/4 / X2		
<p>← Output range</p>		<p>Digit 4</p>	
03	0.2 ... 3 bar	1 standard	
06	0.5 ... 6 bar	2 key lockable	
10	0.5 ... 10 bar (standard)		

Technical data

Model-no.:	RX-14-...	RX-37-...	RX-12-...	RX-34-...
Connection	G1/4	G3/8	G1/2	G3/4
Size	X1	X1	X2	X2
Flow (NI/min)	2000	2000	8800	8800
Weight (kg)	0.32	0.31	0.80	0.77

Flow characteristic
RX-14, RX-37

RX-12, RX-34

Accessories
Mounting brackets WK

Mounting brackets WX

Coupling kits KPX

Mounting nut RM

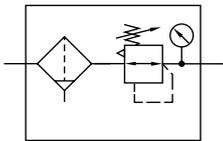

Details: see page 12-39

Filter regulator FRX

Technical details

Temperature range	-10°C ... +60°C
Input range	1.5 ... 16 bar
Mounting	vertically, drain at bottom
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, bowl: PC, seals: NBR, inner parts: zinc coated steel, stainless steel and brass

Combination of pressure regulator with diaphragm and relieving feature and sintered filter according to the centrifugal force principle.
Locking: rotary lock possible.



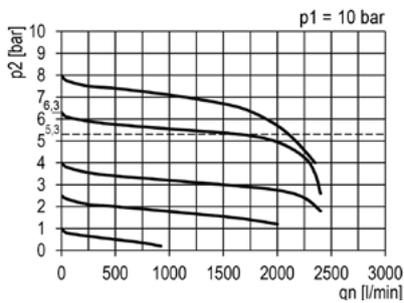
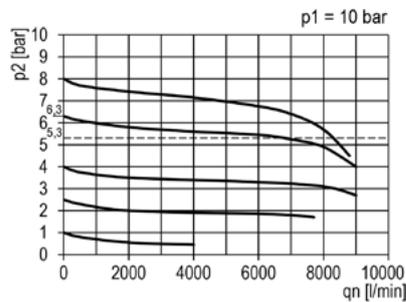
Order code

FRX-***-**-5-****		
Series	←	Versions
Connection / Size	←	Digit 1 Bowl
14 G1/4 / X1		1 PC
37 G3/8 / X1		3 metal bowl with sight glass
12 G1/2 / X2		4 PC with guard
34 G3/4 / X2		Digit 2 Drain
Output range	←	2 semi-automatic (standard)
03 0.2 ... 3 bar		3 automatic, NO (open at 0 bar input pressure)
06 0.5 ... 6 bar		4 automatic, NC (closed at 0 bar input pressure)
10 0.5 ... 10 bar (standard)		Digit 3 Gauge, flow direction
Filter element	←	0 without gauge, flow from left to right
5 5 µm		1 without gauge, flow from right to left
		2 with gauge, flow from left to right (standard)
		3 with gauge, flow from right to left
		Digit 4
		1 standard
		2 key lockable

Technical data

Model-no.:	FRX-14-...	FRX-37-...	FRX-12-...	FRX-34-...
Connection	G1/4	G3/8	G1/2	G3/4
Size	X1	X1	X2	X2
Flow (NI/min)	1650	1650	6700	6700
Bowl volume (cm ³)	25	25	50	50
Weight (kg)	0.37	0.36	0.89	0.87

Flow characteristic

FRX-14, FRX-37

FRX-12, FRX-34


Accessories

Mounting brackets WK

Mounting brackets WX

Coupling kits KPX

Mounting nut RM

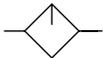

Details: see page 12-39

Lubricator OX

Technical details

Temperature range	-10°C ... +60°C
Input range	max. 16 bar
Mounting	vertically
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: plastic and brass

Proportional lubricator, can be filled with oil during operation.



Order code

Series		OX-**-00-0-*001		Versions	
Connection / Size		Digit 1	Bowl		
14	G1/4 / X1	1	PC		
37	G3/8 / X1	3	metal bowl with sight glass		
12	G1/2 / X2	4	PC with guard		
34	G3/4 / X2				

Technical data

Model-no.:	OX-14-...	OX-37-...	OX-12-...	OX-34-...
Connection	G1/4	G3/8	G1/2	G3/4
Size	X1	X1	X2	X2
Flow (NI/min)	1900	1900	5000	5000
Lubricator operating limit (NI/min)	75	75	170	170
Bowl volume lubricator (cm³)	50	50	125	125
Weight (kg)	0.31	0.30	0.79	0.75

Two piece air service unit FROX

Technical details

Temperature range	-10°C ... +60°C
Input range	1.5 ... 16 bar
Mounting	vertically, drain at bottom
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, bowl: PC, seals: NBR, inner parts: zinc coated steel, stainless steel and brass

Combination of filter, regulator and lubricator.
Locking: rotary lock possible.



Order code

FROX-**-**-5-****																																											
Series	Versions																																										
<table border="1"> <tr> <th colspan="2">Connection / Size</th> </tr> <tr> <td>14</td> <td>G1/4 / X1</td> </tr> <tr> <td>37</td> <td>G3/8 / X1</td> </tr> <tr> <td>12</td> <td>G1/2 / X2</td> </tr> <tr> <td>34</td> <td>G3/4 / X2</td> </tr> </table>	Connection / Size		14	G1/4 / X1	37	G3/8 / X1	12	G1/2 / X2	34	G3/4 / X2	<table border="1"> <tr> <th colspan="2">Digit 1 Bowl</th> </tr> <tr> <td>1</td> <td>PC</td> </tr> <tr> <td>3</td> <td>metal bowl with sight glass</td> </tr> <tr> <td>4</td> <td>PC with guard</td> </tr> <tr> <th colspan="2">Digit 2 Drain</th> </tr> <tr> <td>2</td> <td>semi-automatic (standard)</td> </tr> <tr> <td>3</td> <td>automatic, NO (open at 0 bar input pressure)</td> </tr> <tr> <td>4</td> <td>automatic, NC (closed at 0 bar input pressure)</td> </tr> <tr> <th colspan="2">Digit 3 Gauge, flow direction</th> </tr> <tr> <td>0</td> <td>without gauge, flow from left to right</td> </tr> <tr> <td>1</td> <td>without gauge, flow from right to left</td> </tr> <tr> <td>2</td> <td>with gauge, flow from left to right (standard)</td> </tr> <tr> <td>3</td> <td>with gauge, flow from right to left</td> </tr> <tr> <th colspan="2">Digit 4</th> </tr> <tr> <td>1</td> <td>standard</td> </tr> <tr> <td>2</td> <td>key lockable</td> </tr> </table>	Digit 1 Bowl		1	PC	3	metal bowl with sight glass	4	PC with guard	Digit 2 Drain		2	semi-automatic (standard)	3	automatic, NO (open at 0 bar input pressure)	4	automatic, NC (closed at 0 bar input pressure)	Digit 3 Gauge, flow direction		0	without gauge, flow from left to right	1	without gauge, flow from right to left	2	with gauge, flow from left to right (standard)	3	with gauge, flow from right to left	Digit 4		1	standard	2	key lockable
Connection / Size																																											
14	G1/4 / X1																																										
37	G3/8 / X1																																										
12	G1/2 / X2																																										
34	G3/4 / X2																																										
Digit 1 Bowl																																											
1	PC																																										
3	metal bowl with sight glass																																										
4	PC with guard																																										
Digit 2 Drain																																											
2	semi-automatic (standard)																																										
3	automatic, NO (open at 0 bar input pressure)																																										
4	automatic, NC (closed at 0 bar input pressure)																																										
Digit 3 Gauge, flow direction																																											
0	without gauge, flow from left to right																																										
1	without gauge, flow from right to left																																										
2	with gauge, flow from left to right (standard)																																										
3	with gauge, flow from right to left																																										
Digit 4																																											
1	standard																																										
2	key lockable																																										
<table border="1"> <tr> <th colspan="2">Output range</th> </tr> <tr> <td>03</td> <td>0.2 ... 3 bar</td> </tr> <tr> <td>06</td> <td>0.5 ... 6 bar</td> </tr> <tr> <td>10</td> <td>0.5 ... 10 bar (standard)</td> </tr> <tr> <th colspan="2">Filter element</th> </tr> <tr> <td>5</td> <td>5 µm</td> </tr> </table>	Output range		03	0.2 ... 3 bar	06	0.5 ... 6 bar	10	0.5 ... 10 bar (standard)	Filter element		5	5 µm																															
Output range																																											
03	0.2 ... 3 bar																																										
06	0.5 ... 6 bar																																										
10	0.5 ... 10 bar (standard)																																										
Filter element																																											
5	5 µm																																										

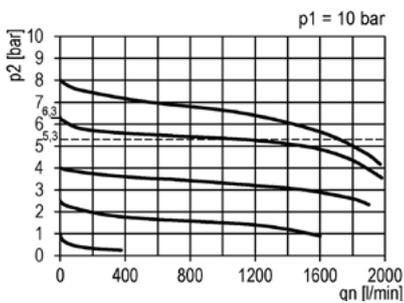
Two piece air service unit FROX

Technical data

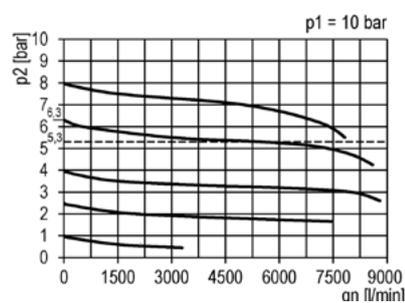
Model-no.:	FROX-14-...	FROX-37-...	FROX-12-...	FROX-34-...
Connection	G1/4	G3/8	G1/2	G3/4
Size	X1	X1	X2	X2
Flow (NI/min)	1200	1200	5250	5250
Lubricator operating limit (NI/min)	75	75	170	170
Bowl volume (cm ³)	25	25	50	50
Bowl volume lubricator (cm ³)	50	50	125	125
Weight (kg)	0.69	0.67	1.68	1.60

Flow characteristic

FROX-14, FROX-37



FROX-12, FROX-34



Accessories

Mounting brackets WK



Mounting brackets WX



Coupling kits KPX



Mounting nut RM

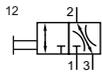


Details: see page 12-39

Technical details

Temperature range	-10°C ... +60°C
Input range	max. 16 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: plastic and brass

3/2 directional control valve, operated by a knob.
 Locking: padlock possible.
 Silencer is mounted in exhaust.



Order code

Series	KX-**-00-0-0001 ↳ ↳
Connection / Size	
14 G1/4 / X1	
37 G3/8 / X1	
12 G1/2 / X2	
34 G3/4 / X2	

Technical data

Model-no.:	KX-14-...	KX-37-...	KX-12-...	KX-34-...
Connection	G1/4	G3/8	G1/2	G3/4
Size	X1	X1	X2	X2
Flow (1-2 in NI/min)	2800	2800	11000	11000
Weight (kg)	0.35	0.34	0.79	0.77

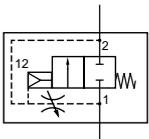
Soft start valve DAX

Technical details

Temperature range	-10°C ... +60°C
Input range	2.5 ... 16 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: plastic, stainless steel and brass



Poppet valve, operated by secondary pressure.
The filling time is adjustable.



Order code

		DAX-**-00-0-0001
Series		←
Connection / Size		←
14	G1/4 / X1	
12	G1/2 / X2	

Technical data

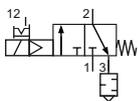
Model-no.:	DAX-14-...	DAX-12-...
Connection	G1/4	G1/2
Size	X1	X2
Flow (Nl/min)	1000	4000
Weight (kg)	0.33	0.72

3/2-way inline valve VMX

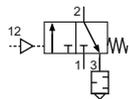
Technical details

Temperature range	-10°C ... +60°C
Input range	electrically operated: 2 ... 10 bar pneumatically operated: max. 16 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: zinc coated steel, stainless steel and brass
Protection	IP 65 according to EN 60529

3/2-way poppet valve, electrically or pneumatically operated.
Silencer is mounted in exhaust.
Plug socket is included.



electrically operated
3/2-way, single solenoid, mechanical
spring return, NC



pneumatically operated
3/2-way, single pilot, mechanical
spring return, NC



Order code

Series		Versions	
VMX-**-00-0-000*		Digit 4	Version
14	G1/4 / X1	A	24 V DC, 3 W
12	G1/2 / X2	D	115 V AC, 7.9 VA
		E	230 V AC, 7.9 VA
		F	pneumatically operated

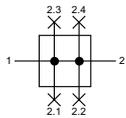
Technical data

Model-no.:	VMX-14-...	VMX-12-...
Connection	G1/4	G1/2
Size	X1	X2
Flow (1-2 in NI/min)	1150	4000
Weight(Version A-E) (kg)	0.46	1.04
Weight(Version F) (kg)	0.38	0.97

Distributor block TX

Technical details

Temperature range	-10°C ... +60°C
Input range	max. 16 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: plastic and brass



Distributor block, 4 outlets

Order code

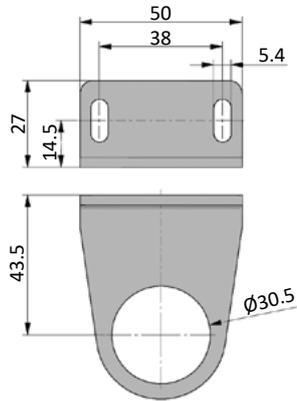
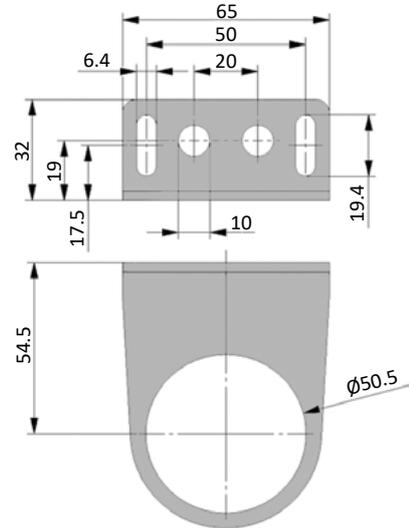
Series		TX-***-00-0-000*		Versions	
Connection / Size		Digit 4	Width		
14	G1/4 / X1	1	standard		
37	G3/8 / X1	3	small (only for G1/4 and G1/2)		
12	G1/2 / X2				
34	G3/4 / X2				

Technical data

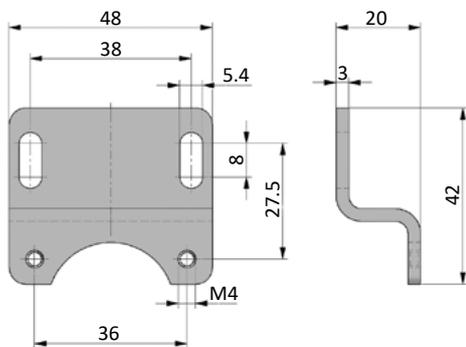
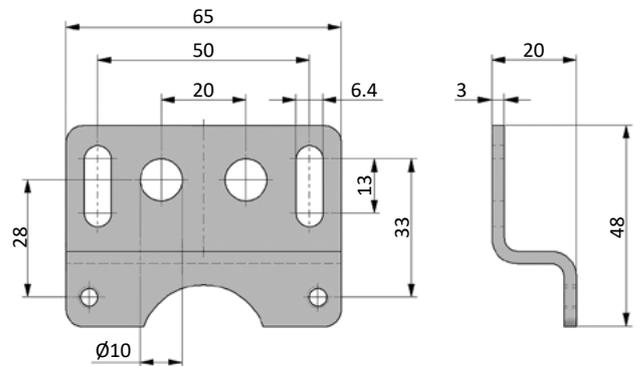
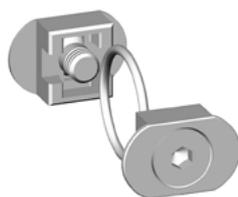
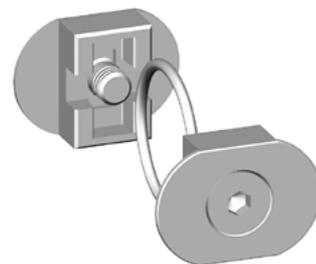
Model-no.:	TX-14-00-0-0001	TX-14-00-0-0003	TX-37-00-0-0001	TX-12-00-0-0001	TX-12-00-0-0003	TX-34-00-0-0001
Connection	G1/4	G1/4	G3/8	G1/2	G1/2	G3/4
Size	X1	X1	X1	X2	X2	X2
Connection 2.1 (bottom)	G1/4	G1/4	G1/4	G1/2	G3/8	G1/2
Connection 2.2 (top)	G1/4	G1/8	G1/4	G1/2	G1/8	G1/2
Connection 2.3 (front)	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4
Connection 2.4 (rear)	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4
Flow (1-2 in NI/min)	2500	3300	2500	11000	11000	11000
Flow (1-2.1 in NI/min)	2000	2300	2000	8750	3450	8750
Flow (1-2.2 in NI/min)	2000	1100	2000	8750	1400	8750
Flow (1-2.3 in NI/min)	900	2300	900	1300	3100	1300
Flow (1-2.4 in NI/min)	900	2300	900	1300	3100	1300
Weight (kg)	0.32	0.19	0.28	0.66	0.36	0.66

Mounting brackets WK

Mounting brackets made of zinc coated steel. Assembling with mounting nut (not included).

WK-30

WK-50

Mounting brackets WX

Mounting brackets made of zinc coated steel.

WX-11

WX-33

Coupling kits KPX
KPX-11

KPX-33


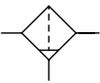
Filter FK

Technical details

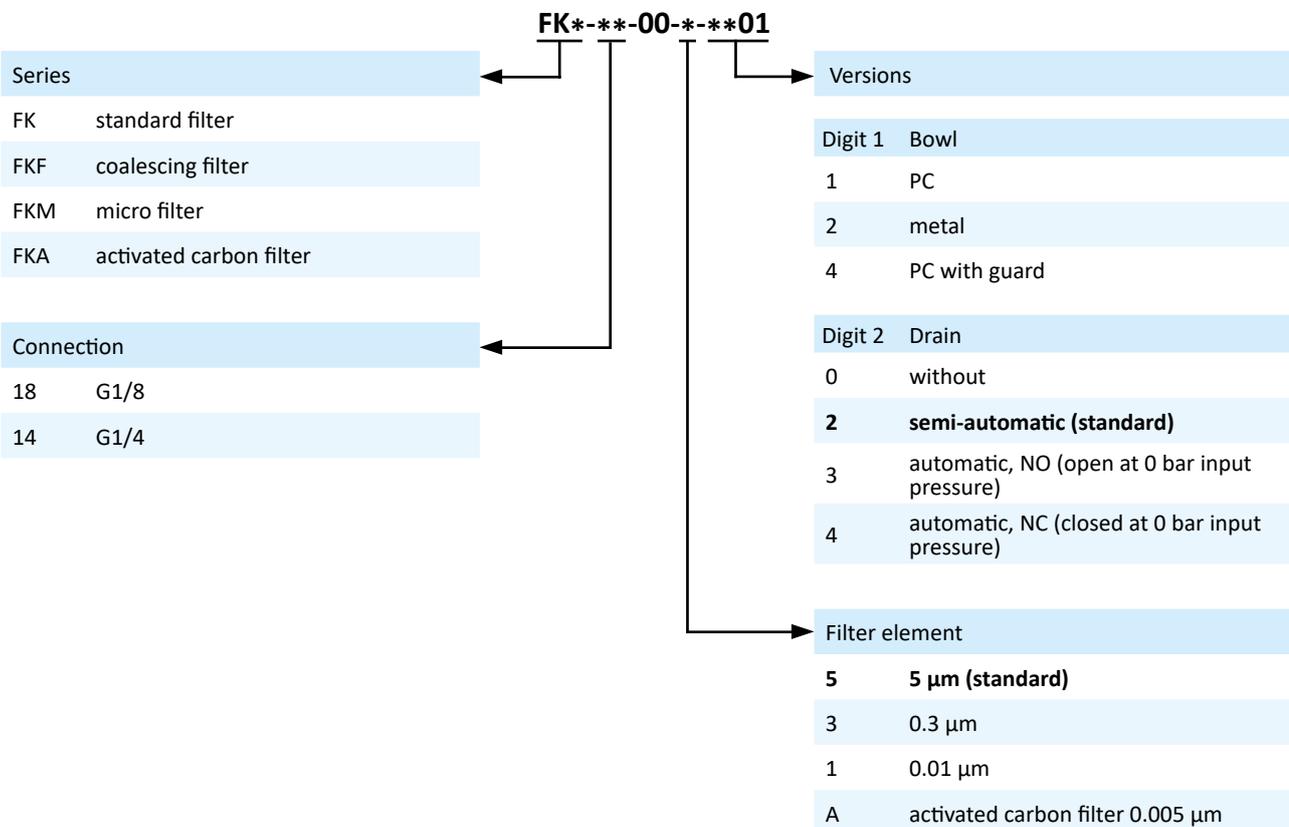
Temperature range	-10°C ... +60°C
Input range	1.5 ... 16 bar
Mounting	vertically, drain at bottom
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, bowl: PC, seals: NBR, inner parts: POM



Sintered filter according to the centrifugal force principle.



Order code



Technical data

Model-no.:	FK-18	FK-14	FKF-18	FKF-14
Connection	G1/8	G1/4	G1/8	G1/4
Flow (NI/min)	1000*	1000*	350**	600**
Bowl volume (cm ³)	16	16	16	16
Weight (kg)	0.25	0.24	0.26	0.25

* Measured at p1 = 6 bar and Δp = 1 bar ** Measured at p1 = 6 bar and Δp = 0.2 bar

Model-no.:	FKM-18	FKM-14	FKA-18	FKA-14
Connection	G1/8	G1/4	G1/8	G1/4
Flow (NI/min)	230*	450*	310**	380**
Bowl volume (cm ³)	16	16	-	-
Weight (kg)	0.26	0.25	0.26	0.27

* Measured at p1 = 6 bar and Δp = 0.1 bar ** Measured at p1 = 6 bar and Δp = 0.2 bar

Accessories
Coupling kits KPK

Mounting brackets WK

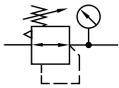

Details: see page 12-53

Pressure regulator RK

Technical details

Temperature range	-10°C ... +60°C
Input range	max. 16 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: zinc coated steel, stainless steel and brass

Pressure regulator with diaphragm and relieving feature.
Locking: rotary lock possible.

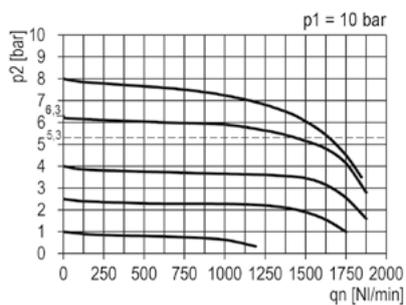


Order code

Series		Versions	
<p style="text-align: center;">RK-***-**-0-00**</p>		Digit 3	Gauge, flow direction
<p>← Connection</p>		0	without gauge, flow from left to right
<p>18 G1/8</p>		1	without gauge, flow from right to left
<p>14 G1/4</p>		2	with gauge, flow from left to right (standard)
<p>← Output range</p>		3	with gauge, flow from right to left
<p>03 0.1 ... 3 bar</p>		Digit 4	
<p>06 0.2 ... 6 bar</p>		1	standard
<p>10 0.5 ... 10 bar (standard)</p>		2	key lockable

Technical data

Model-no.:	RK-18-...	RK-14-...
Connection	G1/8	G1/4
Flow (NI/min)	1450	1450
Weight (kg)	0.26	0.25

Flow characteristic
RK-18, RK-14

Accessories
Mounting brackets WK

Mounting brackets WK

Coupling kits KPK

Mounting nut RM

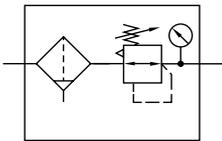

Details: see page 12-53

Filter regulator FRK

Technical details

Temperature range	-10°C ... +60°C
Input range	1.5 ... 16 bar
Mounting	vertically, drain at bottom
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, bowl: PC, seals: NBR, inner parts: zinc coated steel, stainless steel and brass

Combination of pressure regulator with diaphragm and relieving feature and sintered filter according to the centrifugal force principle.
Locking: rotary lock possible.

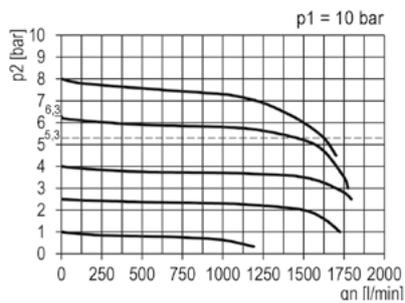


Order code

FRK-***-**-5-****	
Series	Versions
Connection	Digit 1 Bowl
18 G1/8	1 PC
14 G1/4	2 metal
	4 PC with guard
Output range	Digit 2 Drain
03 0.1 ... 3 bar	2 semi-automatic (standard)
06 0.2 ... 6 bar	3 automatic, NO (open at 0 bar input pressure)
10 0.5 ... 10 bar (standard)	4 automatic, NC (closed at 0 bar input pressure)
Filter element	Digit 3 Gauge, flow direction
5 5 µm	0 without gauge, flow from left to right
	1 without gauge, flow from right to left
	2 with gauge, flow from left to right (standard)
	3 with gauge, flow from right to left
	Digit 4
	1 standard
	2 key lockable

Technical data

Model-no.:	FRK-18-...	FRK-14-...
Connection	G1/8	G1/4
Flow (NI/min)	1450	1450
Bowl volume (cm ³)	16	16
Weight (kg)	0.30	0.29

Flow characteristic
FRK-18, FRK-14

Accessories
Mounting brackets WK

Mounting brackets WK

Coupling kits KPK

Mounting nut RM

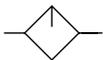

Details: see page 12-53

Lubricator OK

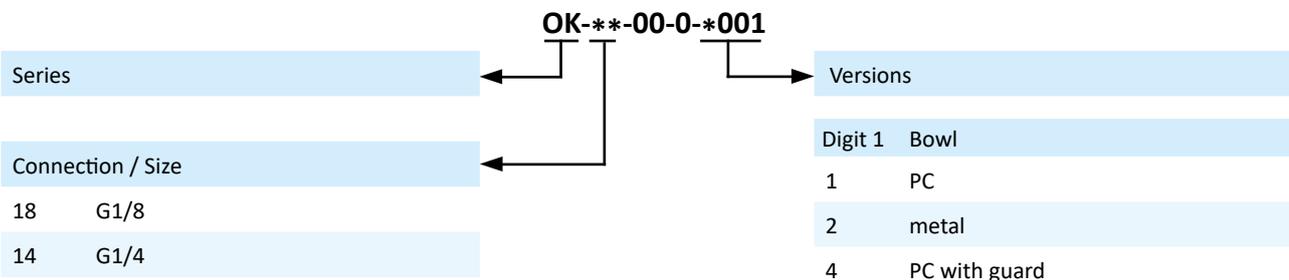
Technical details

Temperature range	-10°C ... +60°C
Input range	max. 16 bar
Mounting	vertically
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: plastic and brass

Proportional lubricator.



Order code



Technical data

Model-no.:	OK-18-...	OK-14-...
Connection	G1/8	G1/4
Flow (NI/min)	1000	1000
Lubricator operating limit (NI/min)	28	28
Bowl volume lubricator (cm³)	35	35
Weight (kg)	0.26	0.25

Two piece air service unit FROK

Technical details

Temperature range	-10°C ... +60°C
Input range	1.5 ... 16 bar
Mounting	vertically, drain at bottom
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, bowl: PC, seals: NBR, inner parts: zinc coated steel, stainless steel and brass

Combination of filter, regulator and lubricator.
Locking: rotary lock possible.



Order code

FROK-**-**-5-****	
Series	Versions
Connection	Digit 1 Bowl
18 G1/8	1 PC
14 G1/4	2 metal
	4 PC with guard
Output range	Digit 2 Drain
03 0.1 ... 3 bar	2 semi-automatic (standard)
06 0.2 ... 6 bar	3 automatic, NO (open at 0 bar input pressure)
10 0.5 ... 10 bar (standard)	4 automatic, NC (closed at 0 bar input pressure)
Filter element	Digit 3 Gauge, flow direction
5 5 µm	0 without gauge, flow from left to right
	1 without gauge, flow from right to left
	2 with gauge, flow from left to right (standard)
	3 with gauge, flow from right to left
	Digit 4
	1 standard
	2 key lockable

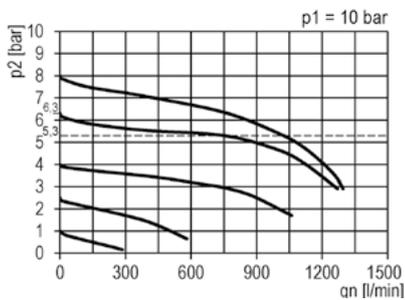
Two piece air service unit FROK

Technical data

Model-no.:	FROK-18-...	FROK-14-...
Connection	G1/8	G1/4
Flow (NI/min)	750	750
Lubricator operating limit (NI/min)	28	28
Bowl volume (cm ³)	16	16
Bowl volume lubricator (cm ³)	35	35
Weight (kg)	0.55	0.53

Flow characteristic

FROK-18, FROK-14



Accessories

Mounting brackets WK



Mounting brackets WK



Coupling kits KPK



Mounting nut RM



Details: see page 12-53

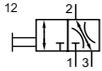
Ball valve KK

Technical details

Temperature range	-10°C ... +60°C
Input range	max. 16 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: plastic and brass



3/2 directional control valve, operated by a knob.
Locking: padlock possible.



Order code

Series	KK-**-00-0-0001 ↳ ↳
Connection	
18 G1/8	
14 G1/4	

Technical data

Model-no.:	KK-18-...	KK-14-...
Connection	G1/8	G1/4
Flow (1-2 in NI/min)	1800	1800
Weight (kg)	0.21	0.20

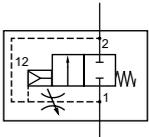
Soft start valve DAK

Technical details

Temperature range	-10°C ... +60°C
Input range	2.5 ... 16 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: plastic, stainless steel and brass



Poppet valve, operated by secondary pressure.
The filling time is adjustable.



Order code

	DAK-**-00-0-0001	
Series	←	
Connection	←	
14		G1/4

Technical data

Model-no.:	DAK-14-...
Connection	G1/4
Flow (NI/min)	2250
Weight (kg)	0.42

Accessories

Coupling kits KPK



Mounting brackets WK



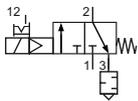
Details: see page 12-53

3/2-way inline valve VMK

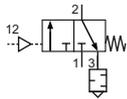
Technical details

Temperature range	-10°C ... +60°C
Input range	electrically operated: 2 ... 10 bar pneumatically operated: max. 16 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: zinc coated steel, stainless steel and brass
Protection	IP 65 according to EN 60529

3/2-way poppet valve, electrically or pneumatically operated.
Silencer is mounted in exhaust.
Plug socket is included.



electrically operated
3/2-way, single solenoid, mechanical
spring return, NC



pneumatically operated
3/2-way, single pilot, mechanical
spring return, NC



Order code

VMK-**-00-0-000*	
Series	Versions
Connection	Digit 4 Version
14 G1/4	A 24 V DC, 3 W
	D 115 V AC, 7.9 VA
	E 230 V AC, 7.9 VA
	F pneumatically operated

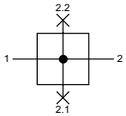
Technical data

Model-no.:	VMK-14-...
Connection	G1/4
Flow (1-2 in NI/min)	2000
Weight(Version A-E) (kg)	0.46
Weight(Version F) (kg)	0.54

Distributor block TK

Technical details

Temperature range	-10°C ... +60°C
Input range	max. 16 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: plastic and brass



Distributor block, 2 outlets

Order code

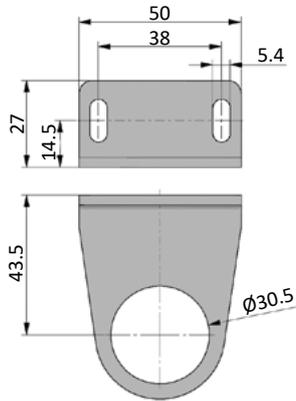
Series	TK-**-00-0-0001
Connection	
14 G1/4	

Technical data

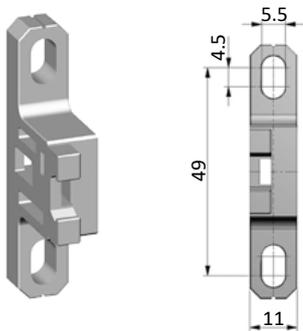
Model-no.:	TK-14-00-0-0001
Connection	G1/4
Connection 2.1 (bottom)	G1/8
Connection 2.2 (top)	G1/8
Flow (1-2 in NI/min)	2700
Flow (1-2.1 in NI/min)	1300
Flow (1-2.2 in NI/min)	1300
Weight (kg)	0.13

Mounting bracket WK

Mounting bracket made of zinc coated steel. Assembling with mounting nut (not included).

WK-30

Mounting bracket WK-00

Mounting bracket (set of two pieces) made of PA 66. Mounting only sidewise possible.

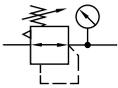
WK-00

Coupling kit KPK
KPK-00


Pressure regulator RD

Technical details

Temperature range	-10°C ... +60°C
Input range	max. 25 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: zinc diecasting, seals: NBR, inner parts: zinc coated steel, stainless steel and brass

Pressure regulator with diaphragm and relieving feature.
Locking: rotary lock possible..



Order code

RD-***-**-0-00*1		Series	Connection	Output range	Versions
Digit 1	Digit 2	18	G1/8	03	Digit 3
Digit 3	Digit 4	14	G1/4	07	0
Digit 5	Digit 6			10	2
					3

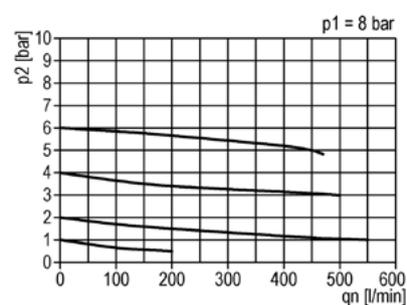
Digit 3 Gauge, flow direction
 0 without gauge
 2 **with gauge, flow from left to right (standard)**
 3 with gauge, flow from right to left

Technical data

Model-no.:	RD-18-...	RD-14-...
Connection	G1/8	G1/4
Flow (Nl/min)	340	340
Weight (kg)	0.14	0.14

Flow characteristic

RD-18, RD-14

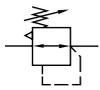


Precision pressure regulator RP

Technical details

Temperature range	-10°C ... +50°C
Input range	max. 16 bar
Mounting	arbitrary
Medium	compressed air filtered 5µm, oilfree
Materials	Body: zinc diecasting, seals: NBR and EPDM, inner parts: zinc coated steel, stainless steel and brass

Precision pressure regulator with diaphragm and relieving feature.



Order code

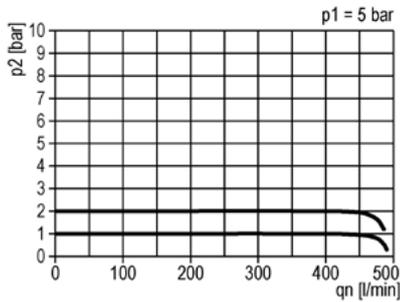
Series		Output range	
RP-***-0-0001		B*	0.05 ... 2 bar
←		C*	0.05 ... 4 bar
Connection		D	0.05 ... 7 bar
14	G1/4	E**	0.05 ... 3 bar
12	G1/2	F**	0.05 ... 5 bar
		G**	0.05 ... 10 bar
		* only for RP-14	
		** only for RP-12	

Technical data

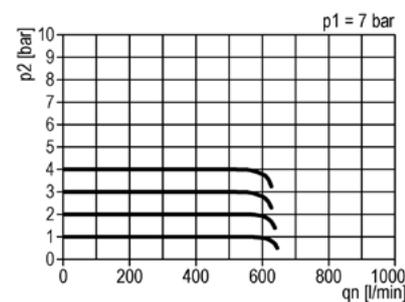
Model-no.:	RP-14-...	RP-12-...
Connection	G1/4	G1/2
Gauge connection	G1/8	G1/4
Flow (NI/min)	see diagram	see diagram
Internal air consumption	max. 4.1 l/min	max. 6 l/min
Weight (kg)	0.67	1.40

Flow characteristic

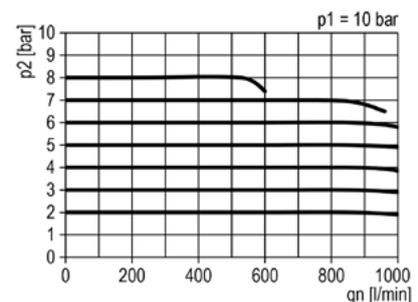
RP-14-B-...



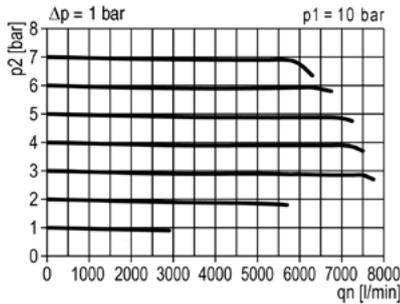
RP-14-C-...



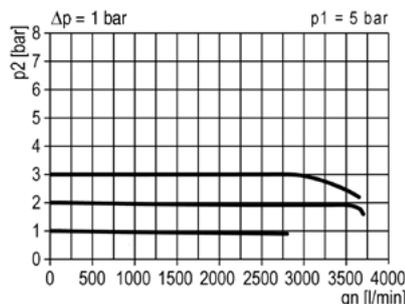
RP-14-D-...



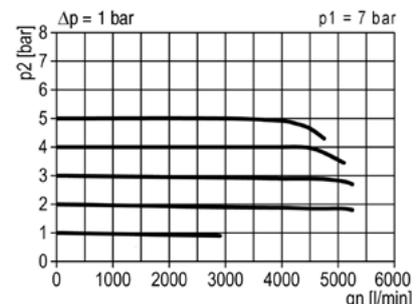
RP-12-D-...



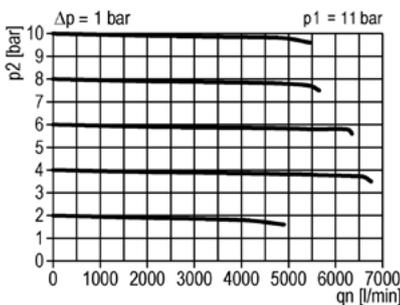
RP-12-E-...



RP-12-F-...

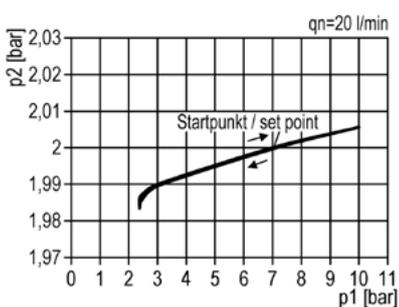


RP-12-G-...

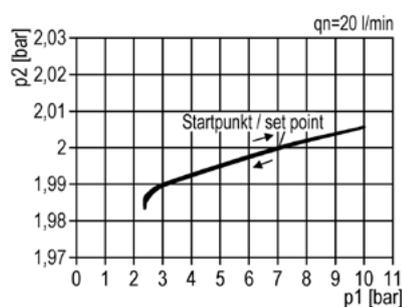


Hysteresis

RP-14-...



RP-12-...



Technical details

Temperature range	-20°C ... +60°C
Accuracy class	2.5 according to EN 837-1
Application	Constant load: 3/4 x scale value Alternating load: 2/3 x scale value
Materials	Body: steel or ABS, black Window: clear Dial: white with stop pin Scale black (bar) and blue (psi)
Temperature drift	± 0.4% / 10 K if deviation from normal temperature (+ 20°C)



Bourdon tube pressure gauge (EN 837-1), pressure connection rear.



Order code

Series		Connection	
		18	1/8
		14	1/4
Diameter			
40	40 mm		
50	50 mm		
63	63 mm		
Range			
06	0 ... 6 bar		
10	0 ... 10 bar		
16	0 ... 16 bar		

MXA--**-****

Technical data

Model-no.:	MXA-50-06-14		MXA-50-10-14		MXA-50-16-14	
Connection	G1/4		R1/4		R1/4	
Standard for series	-		-		X1. X2. Y1. Y2	
Range	0 ... 6 bar		0 ... 10 bar		0 ... 16 bar	
Weight (kg)	0.071		0.071		0.071	

Model-no.:	MXA-40-06-18	MXA-40-10-18	MXA-40-16-18	MXA-63-06-14	MXA-63-10-14	MXA-63-16-14
Connection	G1/8	R1/8	R1/8	G1/4	G1/4	G1/4
Standard for series	-	-	K. RD	-	-	Y3
Range	0 ... 6 bar	0 ... 10 bar	0 ... 16 bar	0 ... 6 bar	0 ... 10 bar	0 ... 16 bar
Weight (kg)	0.071	0.071	0.071	0.080	0.080	0.080