

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97

Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

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**Технические характеристики на
фильтры, фильтры-регуляторы, регуляторы
давления, маслораспылители из
нержавеющей стали
B05, B52G, F22, L22, R05, R22, TKA, KA, SPG,
KQA, TKM, TNA, VM, SPC
компании IMI NORGREN**

- > **Port size: 1/4 PTF**
- > **Metallic parts meet NACE***
- > **Designed for use in corrosive environments**
- > **Adjusting knob has snap-action lock**

- > **Applications include marine environment, oil and gas production, chemical and industrial compressed air systems**

* National Association of Corrosion Engineers (NACE) MR-01-75) defines requirements for sulphide stress cracking resistant materials used in well-head and other corrosive environments.



Technical features

Medium:

Compressed air or neutral gases
Other media on request

Operating pressure:

20 bar max (290 psi)

Pressure range:

0,3 ... 8,5 bar (4 ... 123 psi),
0,3 ... 3,5 bar (4 ... 50 psi)

Diaphragm:

With or without relieving

Typical flow:

see below

Gauge ports:

1/8 PTF

Ambient/Media temperature:

Acetal bonnet

-25 ... +66°C (-13 ... 150°F)

T-handle

-25 ... +80°C (-13 ... 176 °F)

- 40°C (-40°F) version on request

Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35 °F).

Materials:

Body and valve: 1.4104 (316) stainless steel

Bonnet: 1.4104 (316) stainless steel with T-handle or Acetal with stainless steel adjusting screw

Valve seat: Acetal

Springs: 1.4319 (302) Stainless steel

Elastomers:

FPM

Technical data, Standard models

Symbol	Port size	Outlet pressure range (bar)	Flow *1) (dm³/s)	Diaphragm	Bonnet type	Weight (kg)	Model
	1/4 PTF	0,3 ... 8,5	7	Relieving	Knob (Acetal)	0,15	R05-200-RNLA
	1/4 PTF	0,3 ... 8,5	7	Relieving	T-handle (stainless steel)	0,26	R05-232-RNLA

*1) Typical flow with 10 bar inlet pressure, 6,3 bar set pressure and 1 bar droop form set.

Option selector

R05-2★★-★N★A

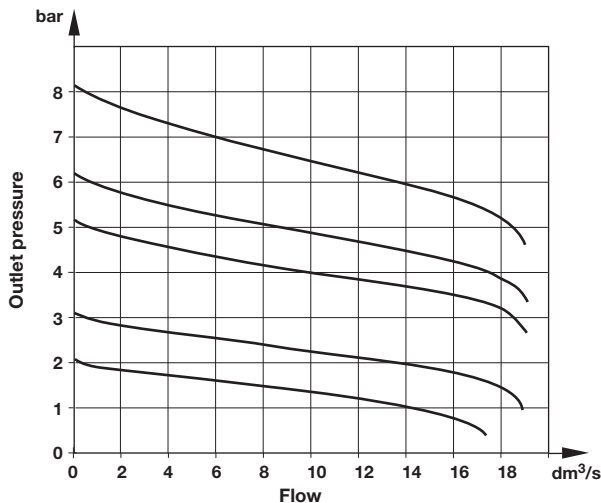
Bonnet	Substitute
Standard knob (Acetal)	00
T-handle (Stainless steel)	32

Outlet pressure adjustment ranges *	Substitute
0,3 ... 3,5 bar	E
0,3 ... 8,5 bar	L
Diaphragm	Substitute
Relieving	R
Non relieving	N

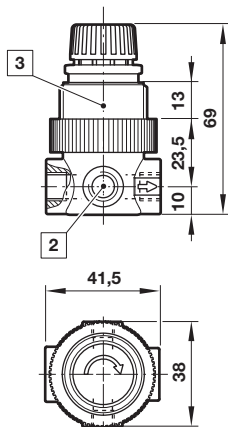
* Outlet pressure can be adjusted to pressures in excess of, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.

Air flow characteristics

R05 – Port size: 1/4 PTF, inlet pressure: 12 bar, pressure range: 0,3 ... 8,5 bar



Regulator with Acetal bonnet



- [2] Gauge port: 1/8 PTF, standard units are shipped with two plugs for sealing gauge ports.
- [3] Panel mounting hole diameter 30 mm, Panel thickness 0 ... 6 mm

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI Precision Engineering, Norgren GmbH. Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

Accessories



*1) Stainless steel items not strictly to NACE standard MR-01-75.

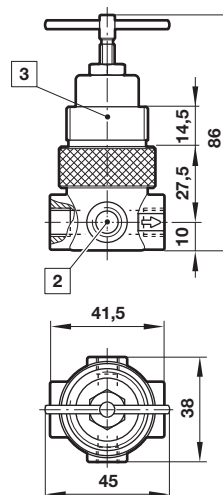
Spares kit



Dimensions in mm
 Projection/First angle



Regulator with stainless steel T-handle



The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

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- > **Port size: 1/4 PTF**
- > **Designed for use in corrosive environments**
- > **Adjusting knob has snap-action lock**
- > **Applications include marine environment, oil and gas production, chemical and industrial compressed air systems**

- > **Metallic parts meet NACE***

* National Association of Corrosion Engineers (NACE) MR-01-75) defines requirements for sulphide stress cracking resistant materials used in well-head and other corrosive environments.



Technical features

Medium:

Compressed air or neutral gases
Other media on request

Operating pressure:

20 bar max (290 psi)

Pressure range:

0,3 ... 8,5 bar (4 ... 123 psi),
0,3 ... 3,5 bar (4 ... 50 psi)

Element:

5 or 40 µm

Diaphragm:

Relieving or non-relieving

Typical flow:

see below

Gauge ports:

1/8 PTF

Ambient/Media temperature:

Acetal bonnet

-25 ... 66°C (-13 ...+150 °F)

T-handle

-25 ... 80°C (-13 ...+176 °F)

-40°C (-40 °F) version on request

Air supply must be dry enough to avoid ice formation at temperatures below 2°C (+35 °F).

Materials:

Body, valve and bowl: 1.4104 (316)

stainless steel

Bonnet: 1.4104 (316) stainless

steel with T-handle or

Acetal adjusting knob

Valve seat: Acetal

Springs: 1.4319 (302) stainless

steel

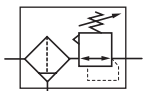
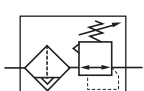
Drain: stainless steel or Acetal

Element: sintered PE

Elastomers: FPM, automatic

drain NBR

Technical data, standard models

Symbol	Port size	Pressure range (bar)	Flow * (dm³/s)	Diaphragm	Element (µm)	Bonnet type	Drain type (material)	Weight (kg)	Model
	1/4 PTF	0,3 ... 8,5	7	Relieving	5	Knob (Acetal)	Manual (Acetal)	0,38	B05-233-M1LA
	1/4 PTF	0,3 ... 8,5	7	Relieving	5	T-handle (stainless steel)	Manual (stainless steel)	0,54	B05-238-M1LA
	1/4 PTF	0,3 ... 8,5	7	Relieving	5	Knob (Acetal)	Automatic (stainless steel)	0,38	B05-233-A1LA

* Flow with 5 µm element, 10 bar inlet pressure, 6,3 bar set pressure and 1 bar droop form set.

Option selector

B05-2★★-★★★A

Bonnet	Substitute
Relieving, acetal knob	33
Non relieving, acetal knob	35
Relieving, stainless steel T-handle	38 *1)
Non-relieving, stainless steel T-handle	41 *1)
Drain	Substitute
Automatic (stainless steel)	A
Manual (Acetal)	M

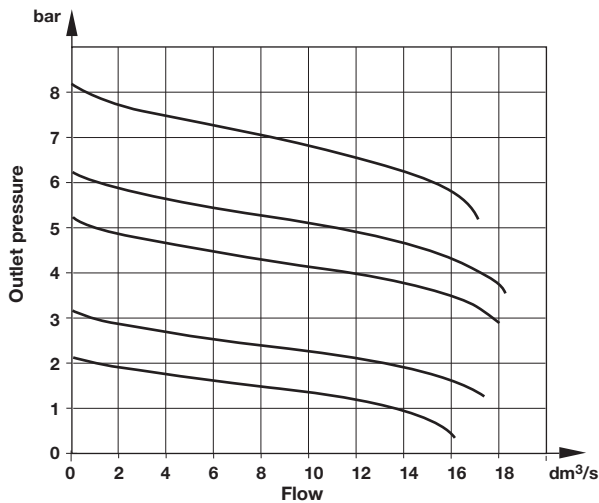
*1) Options 38 and 41 have stainless steel manual drains as standard.

Outlet pressure adjustment ranges *	Substitute
0,3 ... 3,5 bar	E
0,3 ... 8,5 bar	L
Element	Substitute
5 µm	1
40 µm	2

* Outlet pressure can be adjusted to pressures in excess of, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.

Air flow characteristics

B05 – Port size: 1/4 PTF, inlet pressure: 12 bar, pressure range: 0,3 ... 8,5 bar, 5 µm element



Accessories

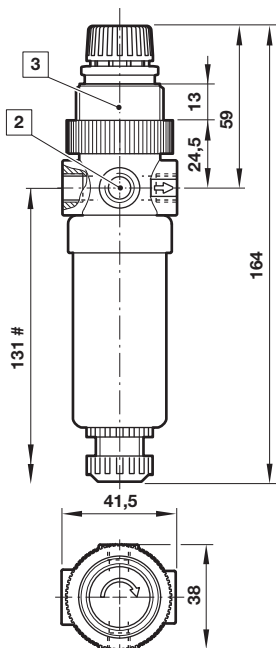
Panel nut	Gauge, 0 ... 10 bar, Ø 40 mm, Port size: 1/8 PTF	Service kit
		
2962-89 (Acetal)	18-013-844 *1)	3820-08 (relieving) 3820-09 (non-relieving)

*1) Stainless steel items not strictly to NACE standard MR-01-75.

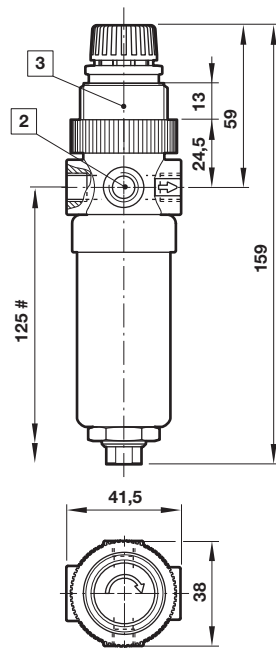
Dimensions in mm
 Projection/First angle



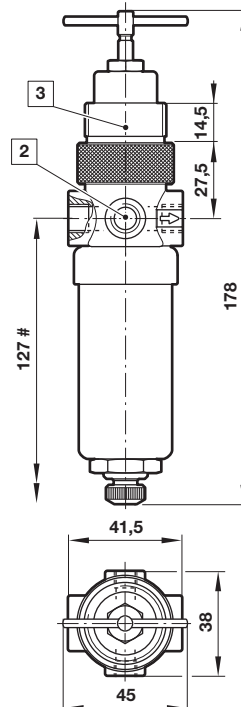
Filter/Regulator with Acetal knob and manual drain



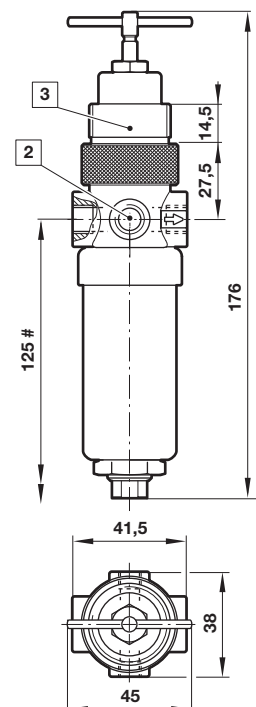
Filter/Regulator with Acetal knob and automatic drain



Filter/Regulator with stainless steel T-handle and manual drain



Filter/Regulator with stainless steel T-handle and automatic drain



Minimum clear distance required to remove bowl.

[2] Gauge port: 1/8 PTF, standard units are shipped with two plugs for sealing gauge ports.

[3] Panel mounting hole diameter 30 mm, Panel thickness 0 ... 6 mm

Warning

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B52G, B54G

High flow filter/regulator

(Stainless steel)

- > Port size: 1/4" ... 1" (NPT, ISO G)
- > High flow filter/regulator designed for use in corrosive environment
- > Applications include marine environment, oil and gas productions

- > Metallic parts meet NACE* Standard MR-01-75

* National Association of Corrosion Engineers – recognised oil-field recommendation for resistance to sulphide stress cracking common in well-head and other corrosive environments

- > ATEX approved



Technical features

Medium:

Compressed air only

Maximum inlet pressure:

31 bar (449 psi) (manual drain)
17 bar (246 psi) (auto drain)

Outlet pressure range:

0,5 ... 10 bar (7 ... 145 psi)

Flow:

40 dm³/s
(Port size: 1/4" and 3/8")
75 dm³/s or 100 dm³/s
(Port size: 1/2" and 1")

Element:

5, 25 or 40 µm

Port sizes:

1/4 NPT, 3/8 NPT, 1/2 NPT,
1 NPT
G1/4, G3/8, others on request
1/4 NPT (gauge) and
1/4 NPT (automatic drain)

Drain:

Manual or automatic
Automatic drain operation
conditions (float operated):
To close: > 0,3 bar (4.35 psi)
To open: < 0,2 bar (2.9 psi)
Minimum air flow required to
close 1 dm³/s

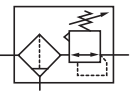
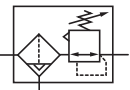
Ambient/Media temperature:

FPM seals:
-20 ... +80°C (-4 ... +176 °F)
NBR seals:
-40 ... +80°C (-40 ... +176 °F)
Air supply must be dry enough
to avoid ice formation at
temperatures below +2°C
(+35 °F).

Materials:

Body, bowl, bonnet, filter
element and adjusting screw:
316 stainless steel
Elastomers: FPM or NBR

Technical data, standard model

Symbol	Port size	Outlet pressure *1) (bar)	Element (µm)	Flow *2) (dm³/s)	Drain	Weight (kg)	Model (with bracket install on unit)	Model (without bracket)
	1/4 NPT	0,5 ... 10	5	40	Manual	1,61	B52G-2AD-DG1-FMJ	B52G-2AD-DG1-FMK
	3/8 NPT	0,5 ... 10	5	40	Manual	1,60	B52G-3AD-DG1-FMJ	B52G-3AD-DG1-FMK
	1/2 NPT	0,5 ... 7	40	100	Manual	2,21	B54G-4AD-DM3-RKJ	B54G-4AD-DM3-RKK
	1/2 NPT	0,5 ... 10	40	75	Manual	2,21	B54G-4AD-DM3-RMJ	B54G-4AD-DM3-RMK
	1 NPT	0,5 ... 7	40	100	Manual	2,04	B54G-8AD-DM3-RKJ	B54G-8AD-DM3-RKK
	1 NPT	0,5 ... 10	40	75	Manual	2,04	B54G-8AD-DM3-RMJ	B54G-8AD-DM3-RMK
	1/4 NPT	0,5 ... 10	5	40	Automatic	1,74	B52G-2AD-AC1-FMJ	B52G-2AD-AC1-FMK
	3/8 NPT	0,5 ... 10	5	40	Automatic	1,73	B52G-3AD-AC1-FMJ	B52G-3AD-AC1-FMK
	1/2 NPT	0,5 ... 7	40	100	Automatic	2,41	B54G-4AD-AC3-RKJ	B54G-4AD-AC3-RKK
	1/2 NPT	0,5 ... 10	40	75	Automatic	2,41	B54G-4AD-AC3-RMJ	B54G-4AD-AC3-RMK
	1 NPT	0,5 ... 7	40	100	Automatic	2,24	B54G-8AD-AC3-RKJ	B54G-8AD-AC3-RKK
	1 NPT	0,5 ... 10	40	75	Automatic	2,24	B54G-8AD-AC3-RMJ	B54G-8AD-AC3-RMK

*1) Outlet pressure can be adjusted to pressures in excess of, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.

*2) Typical flow with 10 bar inlet pressure, 6,3 bar set pressure and a 1 bar drop from set.

Option selector

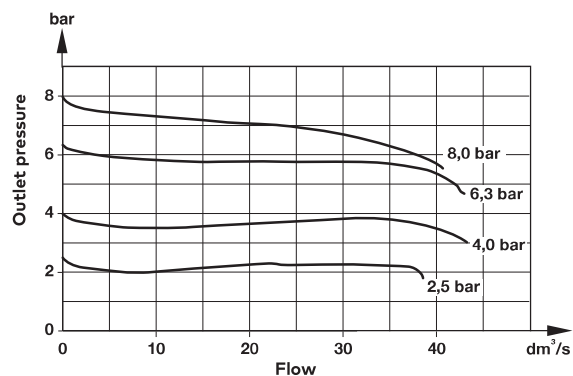
		B5★G-★D-★-★-★-★			
Nominal unit size	Substitute			Bracket	Substitute
1/4"	2			With	J
1/2"	4			Without *2)	K
Port thread size	Substitute			Outlet pressure	Substitute
1/4"	2			100 psi: 7 bar	K
3/8"	3			150 psi: 10 bar	M
1/2"	4			Temperature range	Substitute
3/4"	6			-40 ... +80°C (NBR seals)	R
1"	8			-20 ... +80°C (FPM seals)	F
Port thread size *1)	Substitute			Element	Substitute
NPT	A			5 µm	1
ISO G	V			25 µm	2
Adjustment	Substitute			40 µm	3
Hexagon	D			Bowl	Substitute
Drain Type	Substitute			Metal long (for auto drain)	C
Automatic, plastic	A			Metal standard (for B54G manual drain)	M
Manual, Stainless steel	D			Metal short (for B52G manual drain)	G

*1) 1/2" & 1" NPT thread provided only
Other versions: B54G-4AD-TC1-FMN
& B54G-4AD-TC3-FMN automatic
inner stainless steel thread filter
regulator on request.

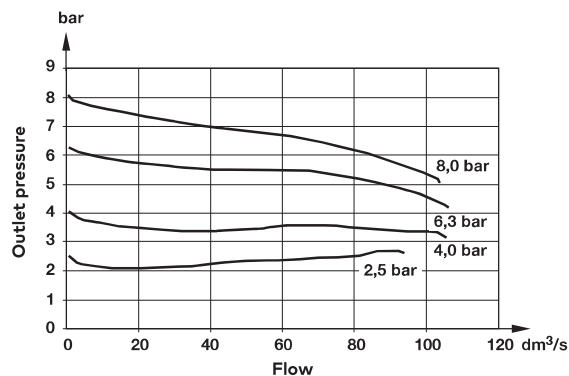
*2) Neck mounting feature is NOT
available for this version. Bracket
compatible with the new design can
be purchased separately as
accessory. Part number and
dimensional drawing can be found
in page 6.

Flow characteristics

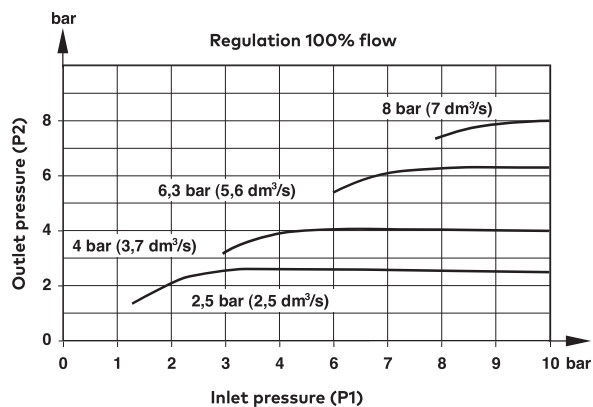
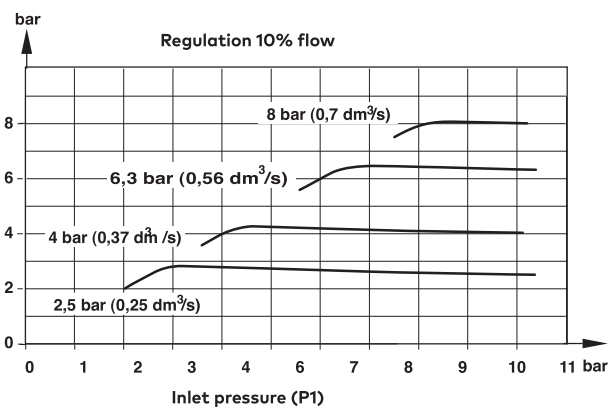
Inlet pressure: 10 bar, filter element: 5 µm, port size: 1/4 NPT



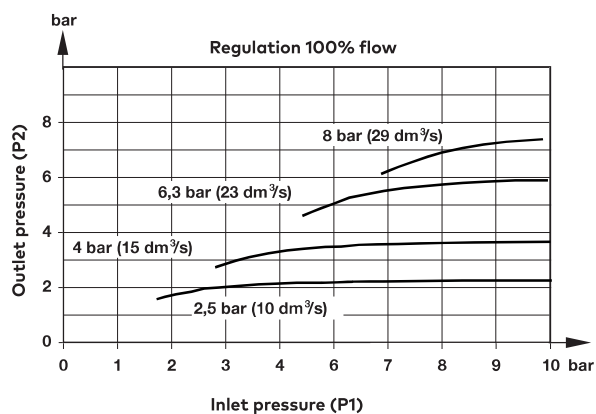
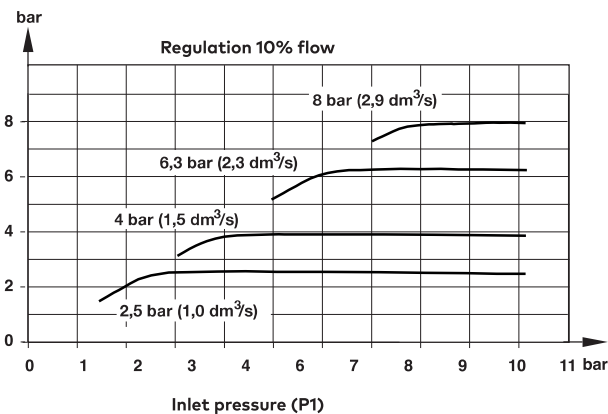
Inlet pressure: 10 bar, filter element: 40 µm, port size: 1/2 NPT



Regulating characteristics (1/4" version)



Regulating characteristics (1/2" version)



Accessories

Mounting bracket



A1923-201

Gauge *1)



18-015-913 (0 ... 6 bar, -40 ... 65°C)

18-015-909 (0 ... 10 bar, -40 ... 65°C)

*1) Stainless steel items not strictly to NACE standard MR-01-75.

Plastic adjusting knob



74630-04

Spare parts

Port size: 1/4" & 3/8"



A1923-S01 (manual drain, FPM)

A1923-S02 (auto drain, FPM)

A1923-S03 (manual drain, NBR)

A1923-S04 (auto drain, NBR)

Port size: 1/2" & 1"



A1923-S05 (manual drain, FPM)

A1923-S06 (auto drain, FPM)

A1923-S07 (manual drain, NBR)

A1923-S08 (auto drain, NBR)

Filter element



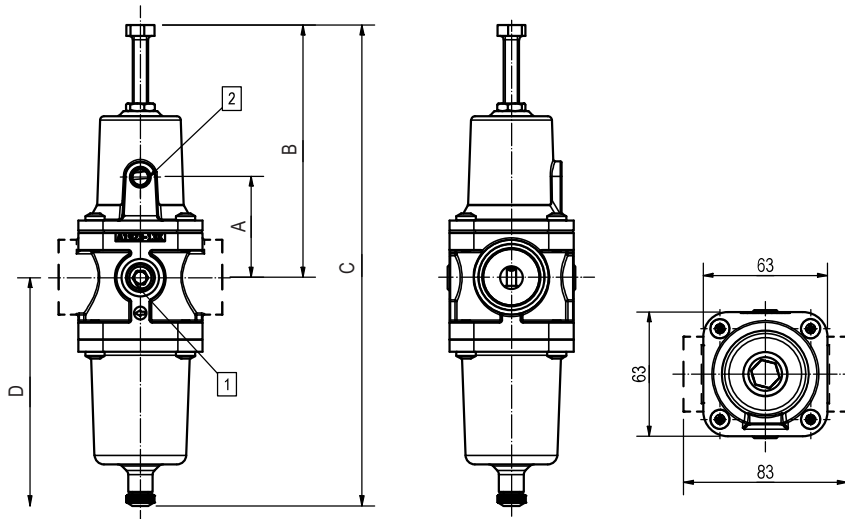
5 µm: 5984-01

25 µm: A080874-02

40 µm: A080874-03

Dimensions Manual drain

Dimensions in mm
Projection/First angle



Minimum clearance required to remove bowl

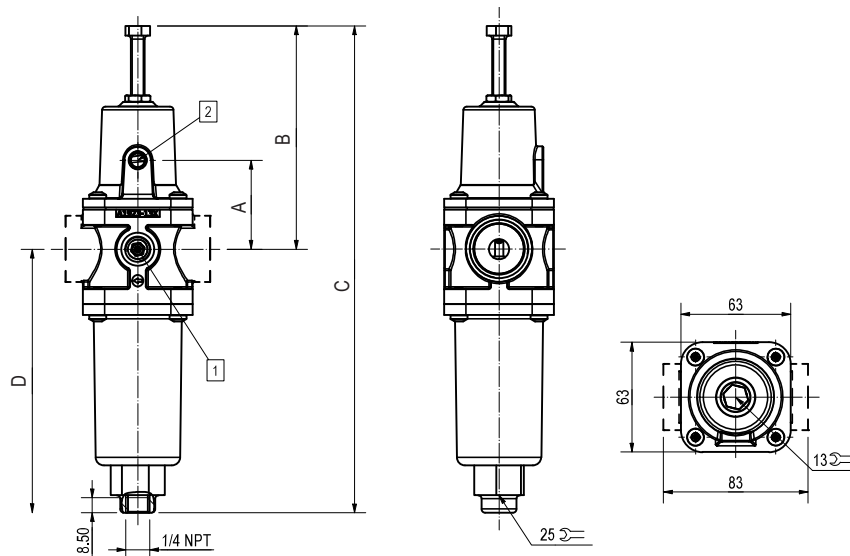
1 1/4 NPT Gauge port

2 1/8 NPT Exhaust port

Note: Dash line is for 1/2" - 1" only

Port size	Drain type	bracket	A (mm)	B (mm)	C (mm)	D (mm)
1/4	Manual	Without	48	117	200	113
3/8	Manual	Without	48	117	200	113
1/2	Manual	Without	52	125	226	153
1	Manual	Without	52	125	226	153

Auto drain



Minimum clearance required to remove bowl

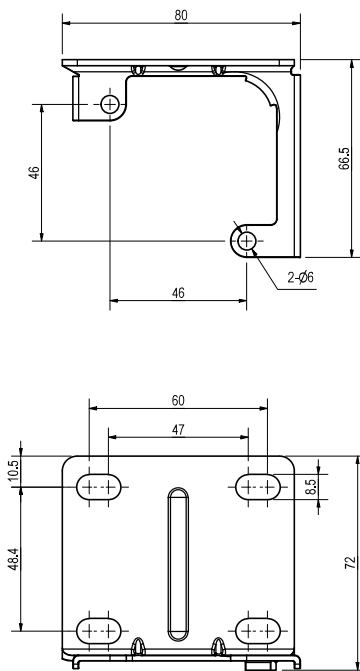
1 1/4 NPT Gauge port

2 1/8 NPT Exhaust port

Note: Dash line is for 1/2" - 1" only

Port size	Drain type	bracket	A (mm)	B (mm)	C (mm)	D (mm)
1/4	Auto	Without	48	117	251	172
3/8	Auto	Without	48	117	251	172
1/2	Auto	Without	52	125	278	190
1	Auto	Without	52	125	278	190

Bracket



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F22

Filter (Stainless steel)

- > Port size: 1/2 PTF
- > Metallic parts meet NACE*

- > Applications include marine environment, oil and gas production, chemical and industrial compressed air systems

* National Association of Corrosion Engineers (NACE) MR-01-75 defines requirements for sulphide stress cracking resistant materials used in well-head and other corrosive environments.



Technical features

Medium:

Compressed air

Operating pressure:

17 bar max (246 psi)

Filter element:

25 or 5 µm

Port sizes:

1/2 PTF

Ambient/Media temperature:

-20 ... +80°C (-4 ... +176 °F)

Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35 °F)

Materials:

Body & bowl: stainless steel

Filter element: PE or sintered stainless steel

Elastomers: Synthetic rubber

Technical data, standard model

Symbol	Port size	Filter element (µm)	Material	Flow *1) (dm³/s)	Drain	Weight (kg)	Model
	1/2 PTF	25	PE	46	Manual	1,88	F22-400-M7DA
	1/2 PTF	25	PE	46	Automatic	1,84	F22-400-A7DA

*1) Typical flow with 25µm element at 6.3 bar inlet pressure and 0.35 bar pressure drop.

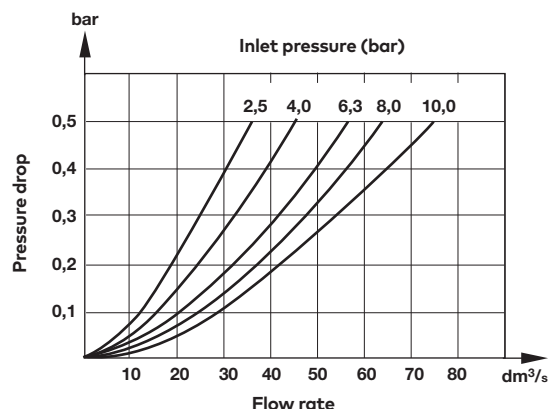
Option selector

F22-400-★★DA

Drain	Substitute
Automatic	A
Manual	M

Filter element	Substitute
5 µm, stainless steel	1
25 µm, stainless steel	2
5 µm, polyethylene	6
25 µm, polyethylene	7

Flow characteristics



R22 Regulator (stainless steel)



- > **Port size: 1/2 PTF**
- > **Lloyd's register type approved**
- > **Applications include marine environment, oil and gas production, chemical and industrial compressed air systems**
- > **Balanced valve for accurate and rapid response to flow demand and line pressure changes**
- > **Metallic parts meet NACE ***

* National Association of Corrosion Engineers (NACE) MR-01-75 defines requirements for sulphide stress cracking resistant materials used in well-head and other corrosive environments.



Technical features

Medium:

Compressed air only

Operating pressure:

20 bar max (290 psi)

Pressure range:

0,4 ... 10 bar (5,8 ... 145 psi),

0 ... 4 bar (0 ... 58 psi),

2 ... 16 bar (29 ... 232 psi)

Port sizes:

1/2 PTF

1/4 PTF (gauge)

Ambient/Media temperature:

-20 ... +80°C (-4 ... +176 °F)

Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35 °F).

Materials:

Body, bonnet & adjusting screw: stainless steel

Elastomers: Synthetic rubber

Technical data, standard model, relieving

Symbol	Port size	Pressure range (bar)	Flow * (dm³/s)	Weight (kg)	Model
	1/2 PTF	0,4 ... 10	50	1,52	R22-401-RNMA

* Typical flow with 10 bar inlet pressure, 6,3 bar set pressure and a 1 bar drop from set.

Option selector

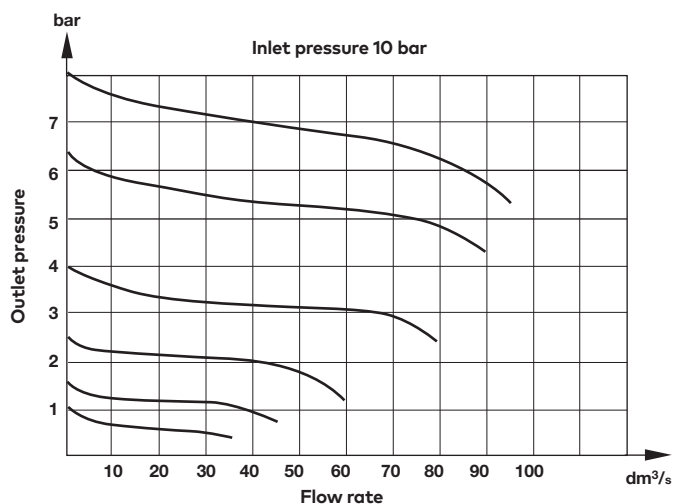
R22-401-★N★A

Diaphragm	Substitute
Relieving	R
Non-relieving	N

Pressure ranges (bar)*	Substitute
0,4 ... 10	M
0 ... 4	F
2 ... 16	S

* Outlet pressure can be adjusted to pressures in excess of, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.

Flow characteristics



Accessories

Wall mounting bracket



18-001-962

Gauge *



18-015-913 (0 ... 6 bar)

18-015-909 (0 ... 10 bar)

Spares kit

Valve assembly and diaphragm



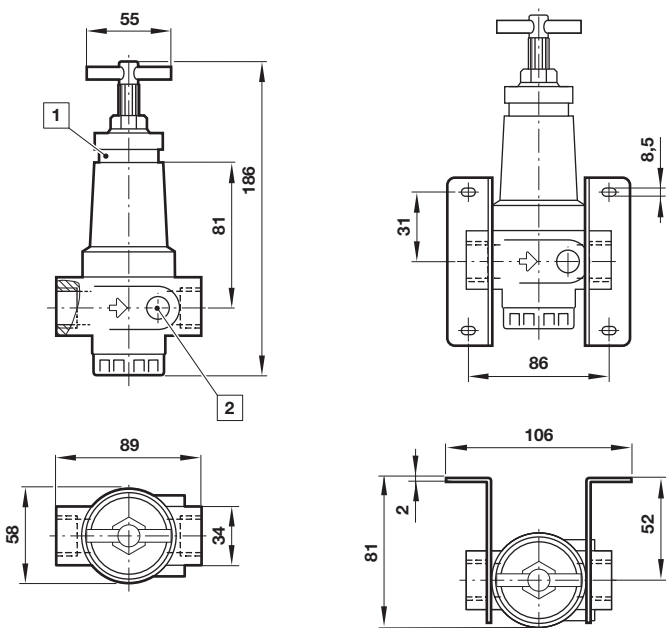
Relieving

R22-100R

* Stainless steel items not strictly to NACE standard MR-01-75.

Dimensions

Wall mounting bracket



1 Panel hole $\varnothing$ 40 mm, thickness 0 ... 10 mm

2 1/4 PTF gauge port

Dimensions in mm
Projection/First angle



Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under

»Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.

L22

Lubricator (stainless steel)



- > Port size: 1/2 PTF
- > Applications include marine environment, oil and gas production, chemical and industrial compressed air systems

- > Metallic parts meet NACE *

* National Association of Corrosion Engineers (NACE) MR-01-75 defines requirements for sulphide stress cracking resistant materials used in well-head and other corrosive environments.



Technical features

Medium:

Compressed air

Operating pressure:

17 bar max (246 psi)

Start point:

1,7 dm³/s at 6,3 bar (51 psi)

Port sizes:

1/2 PTF

Ambient/Media temperature:

-20 ... +80°C (-4 ... +176 °F)

Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35 °F).

Materials:

Body & bowl: stainless steel

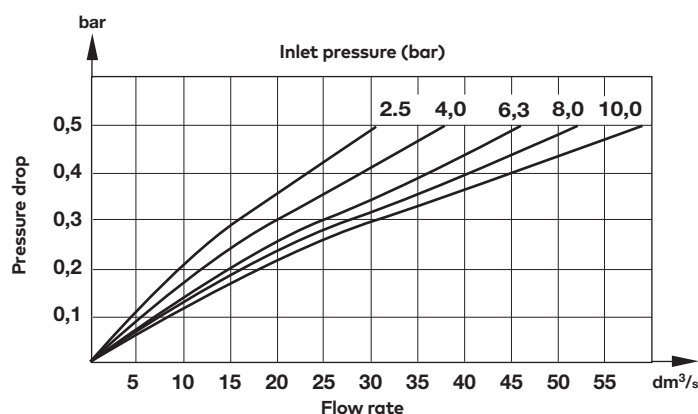
Elastomers: Synthetic rubber

Technical data, standard model

Symbol	Port size	Flow *1) (dm ³ /s)	Weight (kg)	Model
	1/2 PTF	48	1,93	L22-400-OP8A

*1) Flow with 6,3 bar inlet pressure and a 0,5 bar drop from set.

Flow characteristics



Accessories

Wall mounting bracket



18-001-962

Spares kit

Service kit



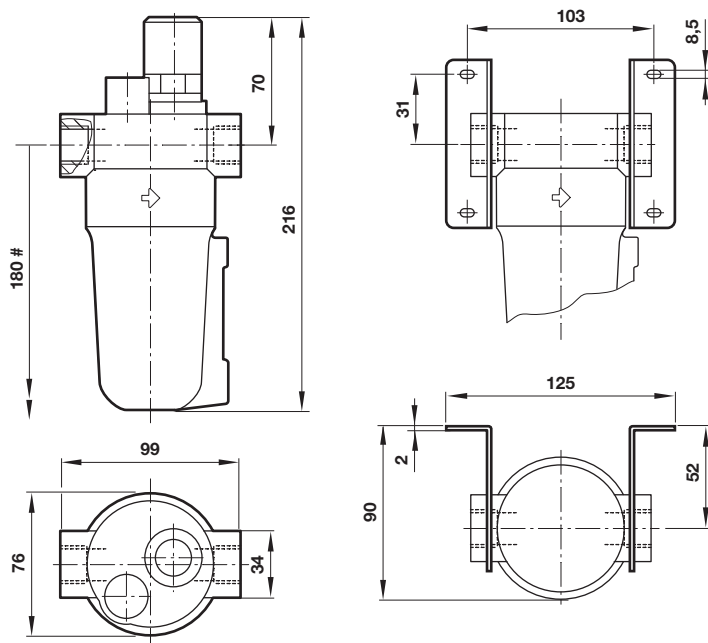
L22-100

Dimensions

Dimensions in mm
Projection/First



Wall mounting bracket



Minimum clearance required to remove bowl

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under

»Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.



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TKA/8160 TKA/8160 Dw Zylinder Edelstahl

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TKM/55033/M/150 TKM/55033/M/150 DW P-ZYL.

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KA/8125/M/EX KA/8125/M/EX Dw cylinder stainless steel

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KA/8200/330 KA/8200/330 Dw cylinder stainless steel

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KA/8200/EX KA/8200/EX Dw cylinder stainless steel

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KA/8200/JM/EX KA/8200/JM/EX Dw cylinder stainless steel

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SPC/150016/200 SPC/150016/200 ZYL. KA/8100/X1

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SPC/170037/400 SPC/170037/400 ZYL. M/146040/M

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SPG/12570/50 SPG/12570/50 ZYL. RA/8050/50

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SPG/08596/40 SPG/08596/40 Zyl. Km/8026/M

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VQM/146032/21 VQM/146032/21 Zyl-Bef C

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TKA/8063 TKA/8063 Dw Zylinder Edelstahl

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KQA/8100/24 KQA/8100/24 ZYL-BEF L

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KQA/8100/33 KQA/8100/33 ZYL-BEF UR VDMA

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KQM/8020/32 KQM/8020/32 Bef. Phew

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KQA/8125/23 KQA/8125/23 ZYL-BEF D VDMA

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KQA/8125/40 KQA/8125/40 ZYL-BEF UH MT4 VDMA

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KQM/8012/32 KQM/8012/32 Bef. Phew

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M/P72288 M/P72288 LAGERBOCK SW

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M/P72289 M/P72289 LAGERBOCK SW

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M/P72293 M/P72293 LAGERBOCK SW

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M/P72398 M/P72398 ZYL-BEF N

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M/P72405 M/P72405 ZYL-BEF B/G

Manufacturer number: M/P72405

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M/P72290 M/P72290 LAGERBOCK SW

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M/P72291 M/P72291 LAGERBOCK SW

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M/P72292 M/P72292 LAGERBOCK SW

Manufacturer number: M/P72292

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M/P72403 M/P72403 ZYL-BEF C

Manufacturer number: M/P72403

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KA/8100/IU/EX KA/8100/IU/EX Dw cylinder stainless steel

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KA/8100/M/100/F/D KA/8100/M/100/F/D Two Cylinder Components

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KA/8100/160 KA/8100/160 DW P-ZYL.

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KA/8125/M/480 KA/8125/M/480 Dw Zstg-Mzyl

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KM/8025/MF/60 KM/8025/MF/60 Dw Round Mzyl Flat Bottom

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KM/55433/M/820 KM/55433/M/820 DW P-ZYL.

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KM/55101/M/UR/300 KM/55101/M/UR/300 DW P-ZYL.

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