



Rpe s.r.l.  
Via S. Ambrogio, 3  
22070 Carbonate (CO)  
Italy  
Tel. +39 0331 83.25.15  
Fax +39 0331 83.25.01  
[www.rpesrl.it](http://www.rpesrl.it)

#### CLASSIFICAZIONE

**Tipologia** Singola

#### CARATTERISTICHE DI LAVORO

**Pressione massima ingresso** 10 bar  
**Temperatura ambiente** 0 ÷ 60° C  
**Temperatura fluido** 0 ÷ 25° C  
**Direzione del fluido** Unidirezionale  
**Diametro di passaggio** Ø 5

#### CARATTERISTICHE FISICHE

**Corpo valvola** PA 66 FV 30%  
**Guarnizione e Or** NBR, Silicone  
**Membrana** EPDM + supporto tessile  
**Molla** Acciaio Inox  
**Assemblaggio** Con viti

#### CONNESSIONI IDRAULICHE

**Connessioni in ingresso** Connessione rapida Femmina (std RPE)  
**Connessioni in uscita** Connessione rapida Maschio (std RPE)

#### INSTALLAZIONE

Il riduttore può essere montata in qualsiasi posizione senza comprometterne il funzionamento.

#### CORPI VALVOLA DISPONIBILI

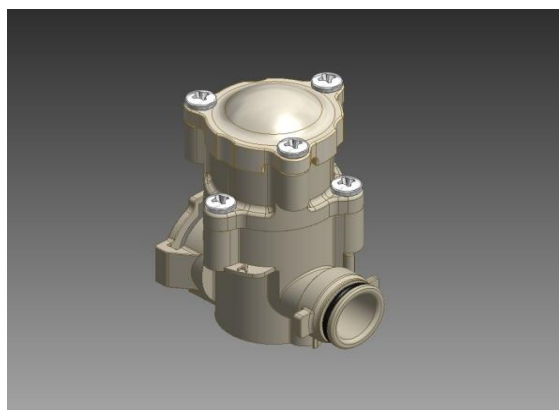
Corpo A - B - C.

#### APPLICAZIONI

Ovunque necessiti una pressione costante di utilizzo.

Serie R Universale - R Universal Series

## RU Riduttore di Pressione / RU Pressure Restrictor



#### CLASSIFICATION

**Type** Single

#### WORKING SPECIFICATIONS

**Max working pressure** 10 bar  
**Room temperature** 0 ÷ 60° C  
**Fluid temperature** 0 ÷ 25° C  
**Flow direction** Unidirectional  
**Rated diameter** Ø 5

#### PHYSICAL SPECIFICATIONS

**Valve body** PA 66 GF 30%  
**Sealing and Or** NBR, Silicone  
**Diaphragm** EPDM + textile coupled  
**Spring** Stainless steel  
**Assembly** With screws

#### HYDRAULIC CONNECTIONS

**Inlet connections** Quick connector Female (std RPE)  
**Outlet connections** Quick connector Male (std RPE)

#### INSTALLATION

The pressure restrictor can be mounted in any position without affecting operation.

#### AVAILABLE VALVE BODY

Body A - B - C.

#### APPLICATIONS

Any application that needs a constant work pressure.

#### MARCHI E APPROVAZIONI / CERTIFICATION MARKS

Tutti materiali RPE con approvazioni alimentari.

All RPE materials with alimentary approvals.



# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

## RU Riduttore di pressione

Rev.: **0**

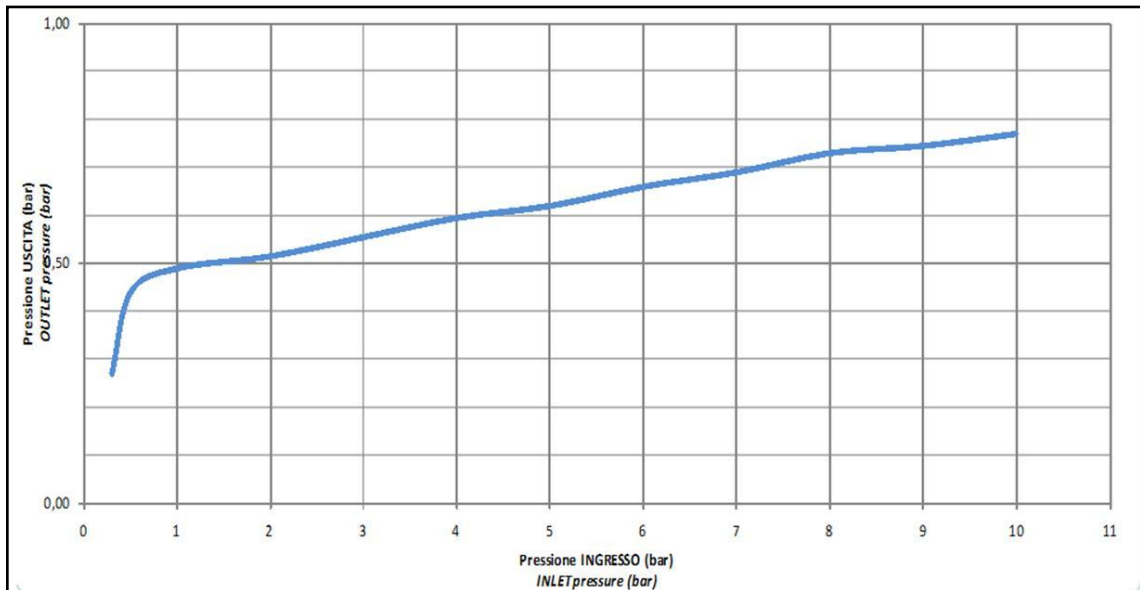
*RU Pressure restrictor*

Data: **25/11/2014**

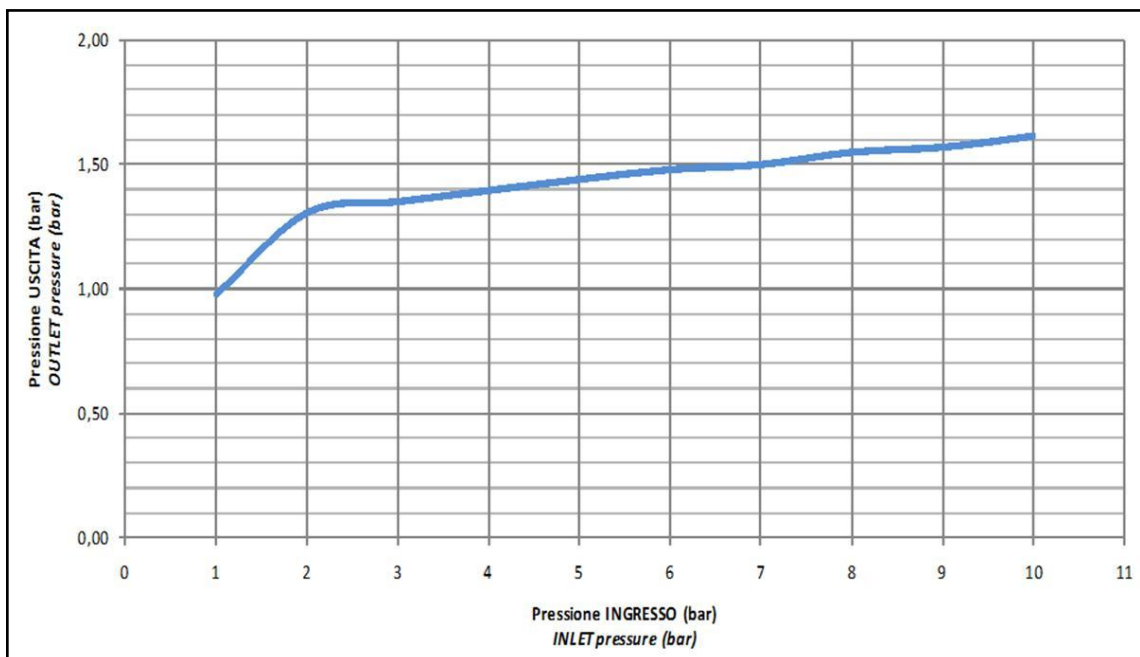
### CURVE DI REGOLAZIONE

#### REGULATION CURVES

**Riduttore 0,5 Bar**  
*0,5 Bar restrictor*



**Riduttore 1,2 Bar**  
*1,2 Bar restrictor*





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

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## RU Riduttore di pressione

Rev.: **0**

*RU Pressure restrictor*

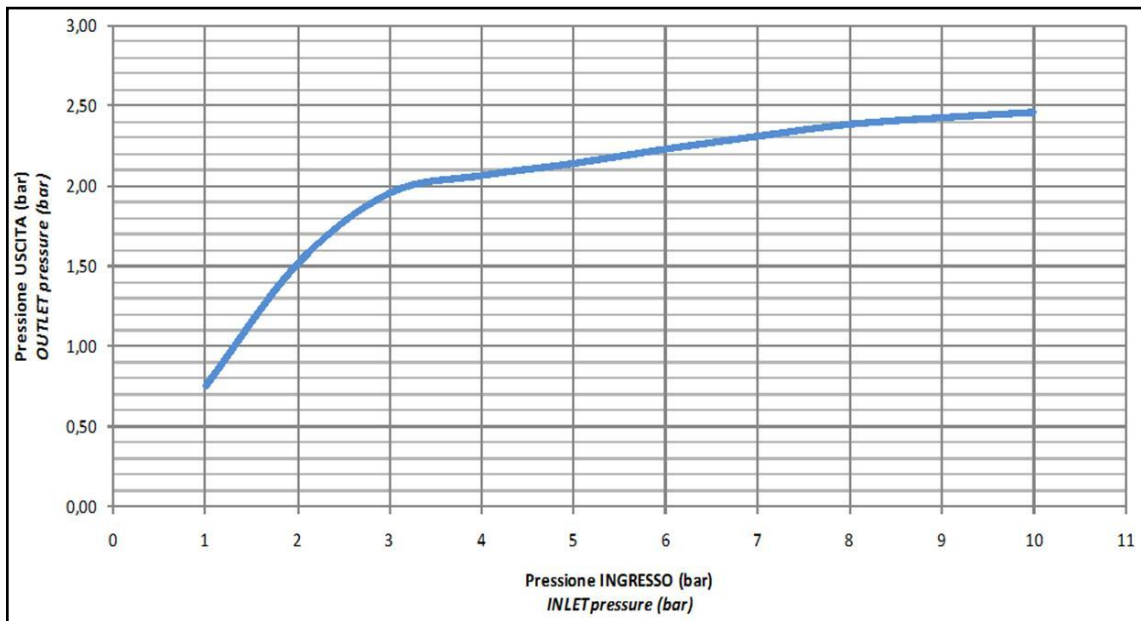
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### CURVE DI REGOLAZIONE

#### REGULATION CURVES

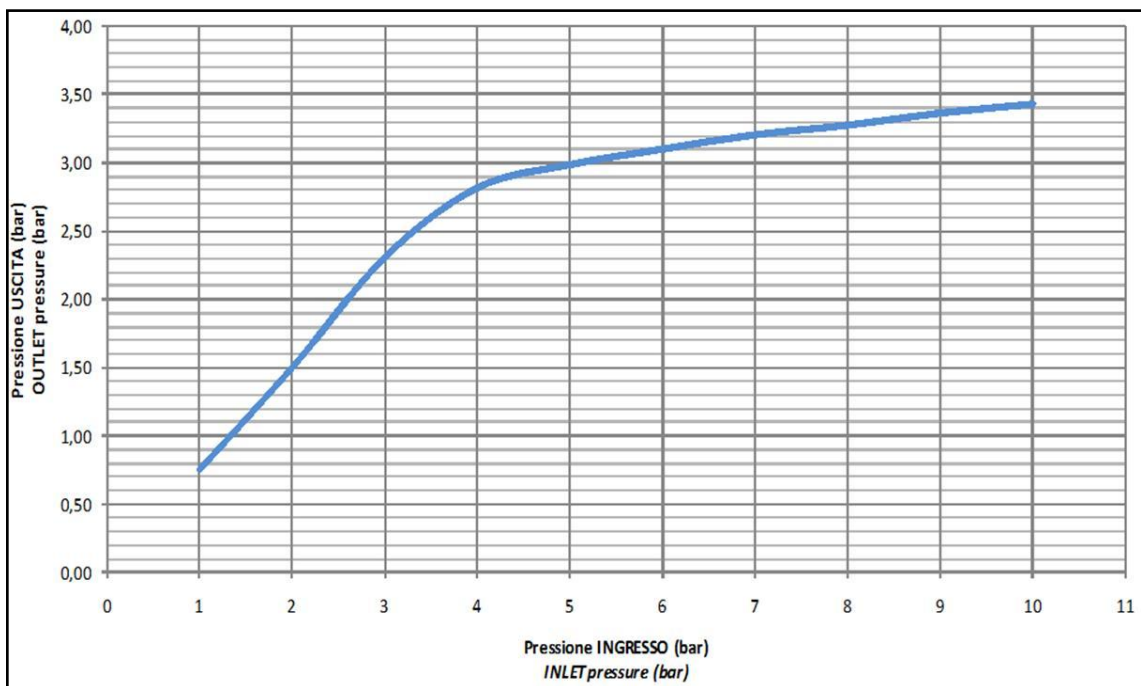
##### Riduttore 2,0 Bar

*2,0 Bar restrictor*



##### Riduttore 3,0 Bar

*3,0 Bar restrictor*





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

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## RU Riduttore di pressione

Rev.: **0**

*RU Pressure restrictor*

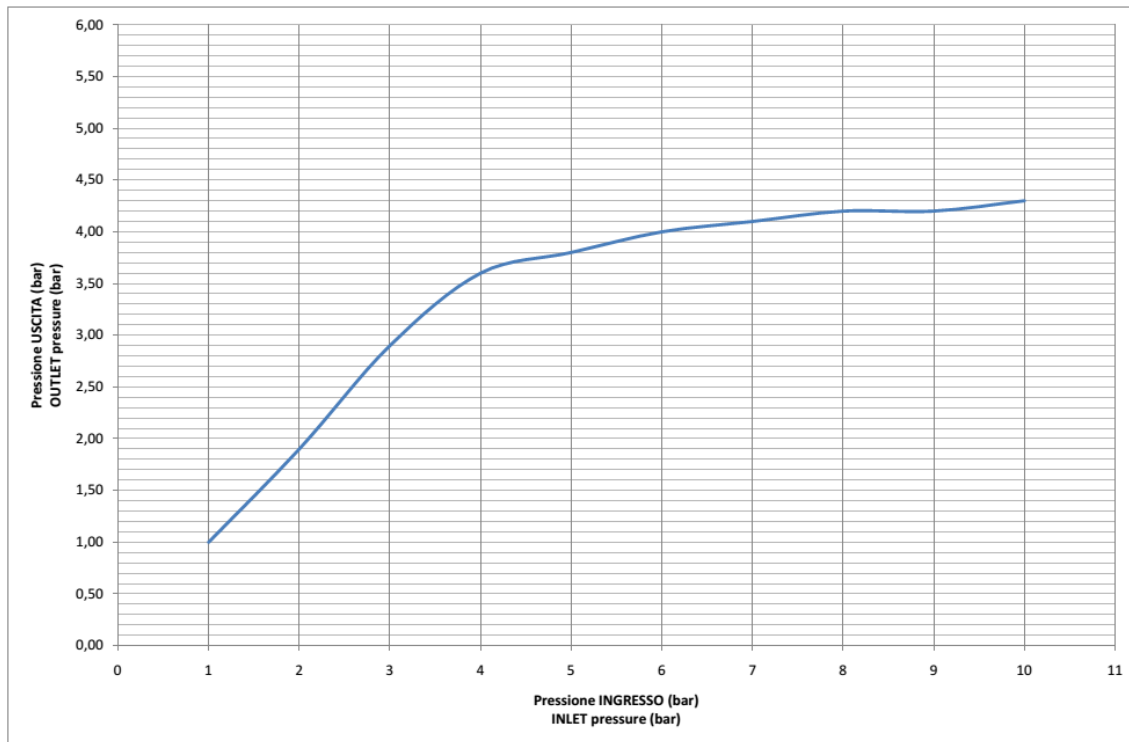
Data: **25/11/2014**

### CURVE DI REGOLAZIONE

#### REGULATION CURVES

**Riduttore 4,0 Bar**

*4,0 Bar restrictor*





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

**RU Riduttore di pressione**

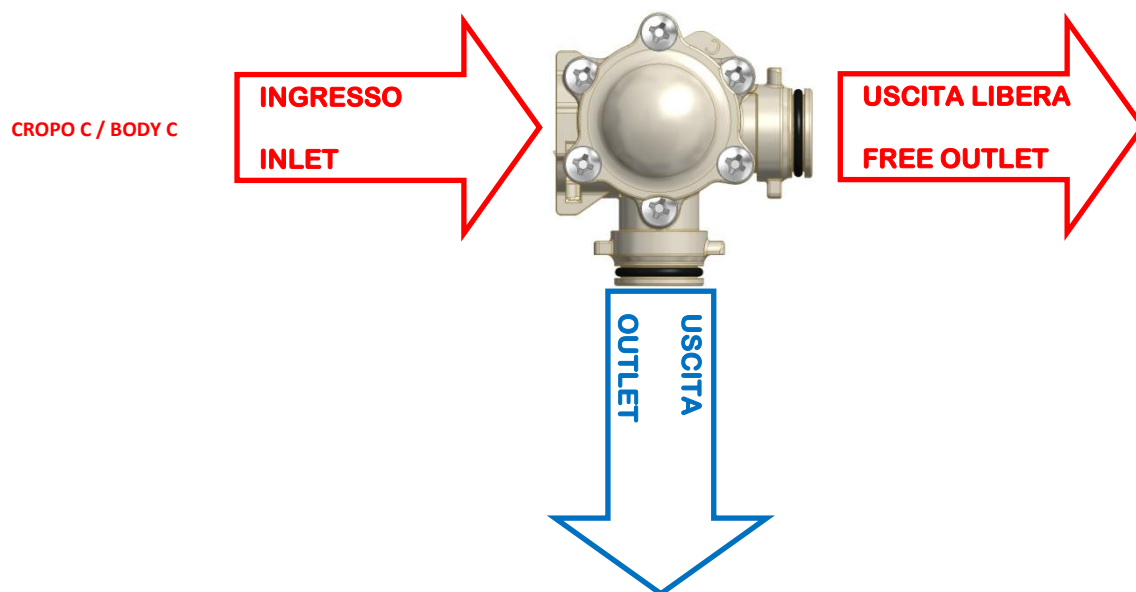
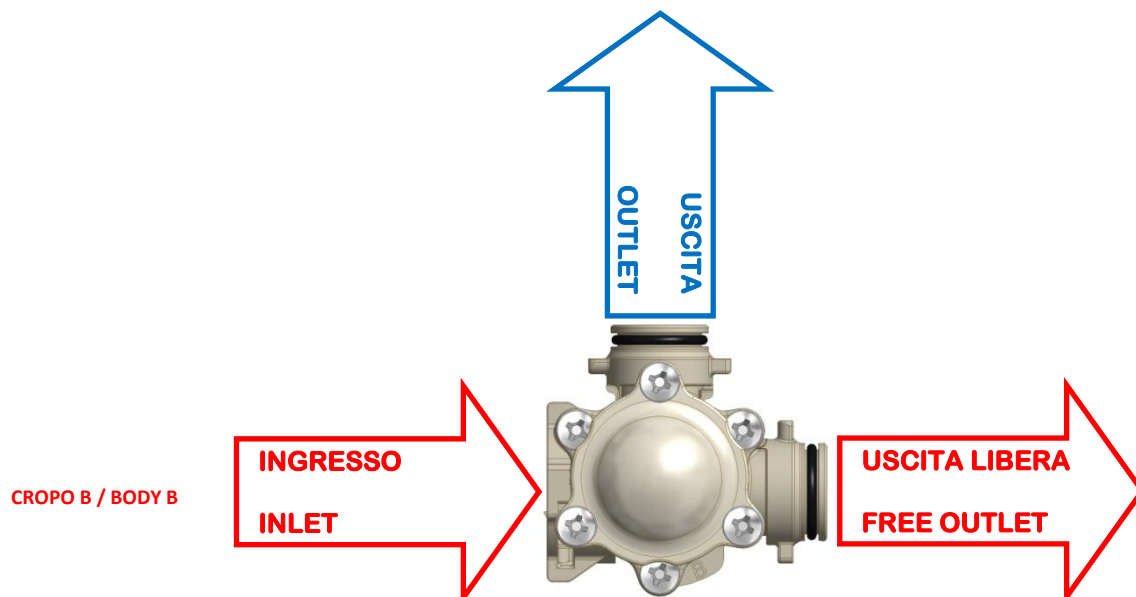
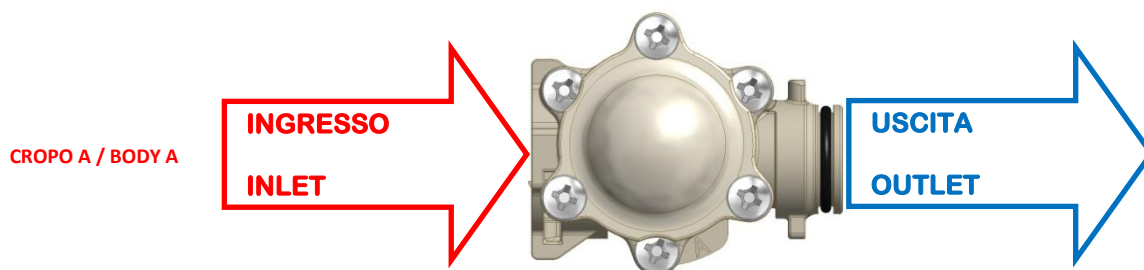
Rev.: **0**

*RU Pressure restrictor*

Data: **25/11/2014**

## SCHEMA DI FUNZIONAMENTO

### WORKING SCHEME





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

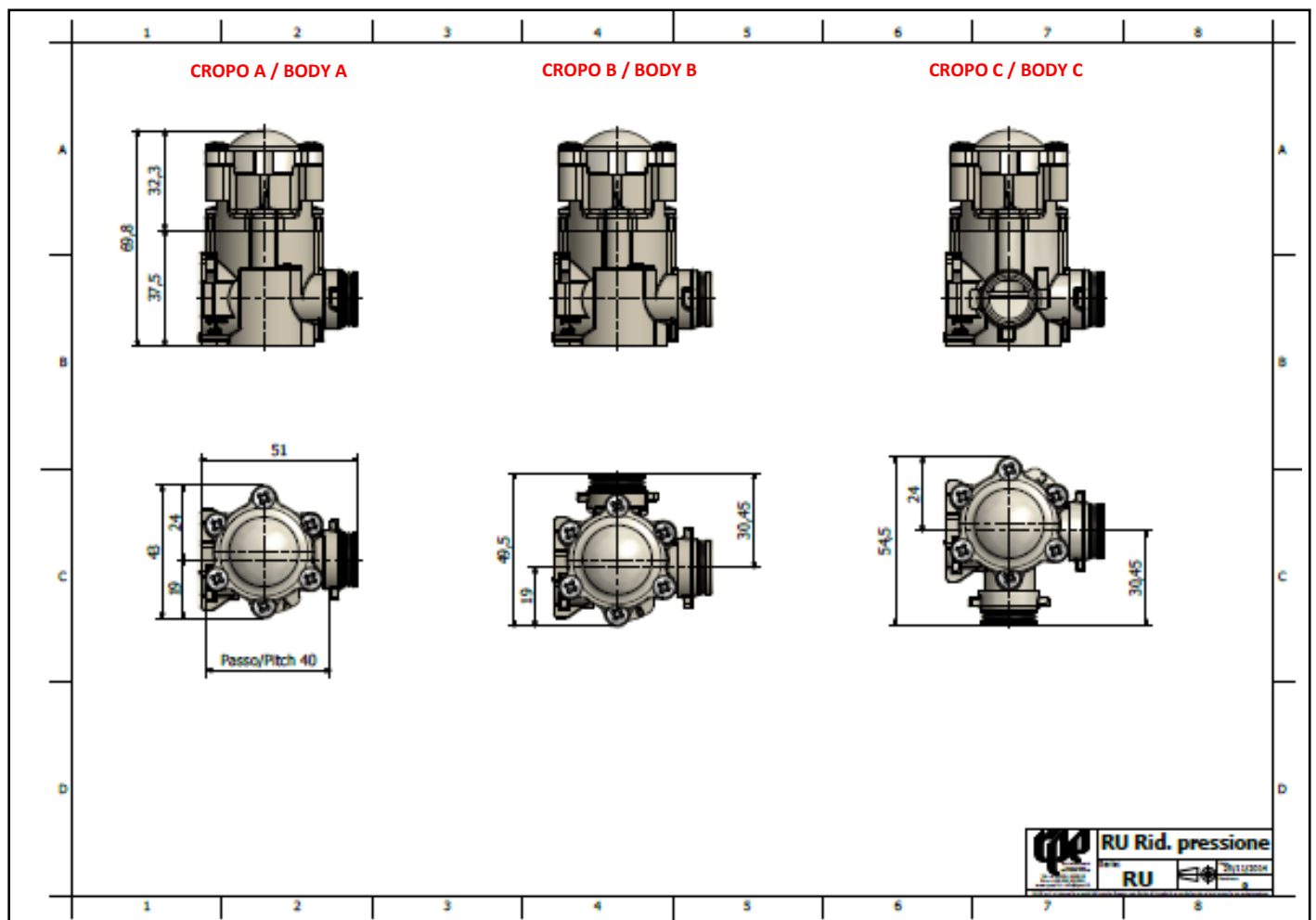
**RU Riduttore di pressione**

Rev.: **0**

*RU Pressure restrictor*

Data: **25/11/2014**

## DISEGNO DIMENSIONALE *DIMENSIONAL DRAWING*





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**Temperatura fluido** 0 ÷ 25° C  
**Direzione del fluido** Unidirezionale  
**Diametro di passaggio** Ø 5

#### CARATTERISTICHE FISICHE

**Corpo valvola** PA 66 FV 30%  
**Guarnizione e Or** NBR, Silicone  
**Membrana** EPDM + supporto tessile  
**Molla** Acciaio Inox  
**Assemblaggio** Con viti

#### CONNESSIONI IDRAULICHE

**Connessioni in ingresso** Connessione rapida Femmina (std RPE)  
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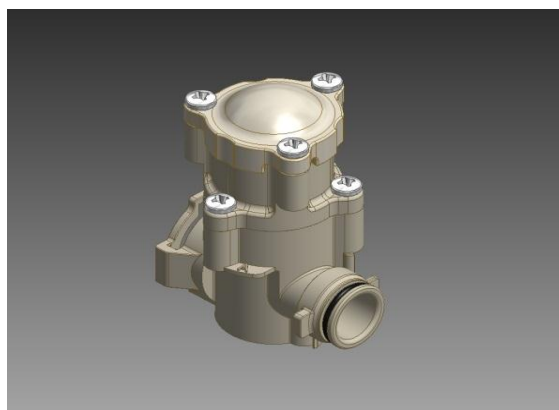
Corpo A - B - C.

#### APPLICAZIONI

Ovunque necessiti una pressione costante di utilizzo.

Serie R Universale - R Universal Series

## RU Riduttore di Pressione / RU Pressure Restrictor



#### CLASSIFICATION

**Type** Single

#### WORKING SPECIFICATIONS

**Max working pressure** 10 bar  
**Room temperature** 0 ÷ 60° C  
**Fluid temperature** 0 ÷ 25° C  
**Flow direction** Unidirectional  
**Rated diameter** Ø 5

#### PHYSICAL SPECIFICATIONS

**Valve body** PA 66 GF 30%  
**Sealing and Or** NBR, Silicone  
**Diaphragm** EPDM + textile coupled  
**Spring** Stainless steel  
**Assembly** With screws

#### HYDRAULIC CONNECTIONS

**Inlet connections** Quick connector Female (std RPE)  
**Outlet connections** Quick connector Male (std RPE)

#### INSTALLATION

The pressure restrictor can be mounted in any position without affecting operation.

#### AVAILABLE VALVE BODY

Body A - B - C.

#### APPLICATIONS

Any application that needs a constant work pressure.

#### MARCHI E APPROVAZIONI / CERTIFICATION MARKS

Tutti materiali RPE con approvazioni alimentari.

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# SCHEDA TECNICA *TECHNICAL DATA SHEET*

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## RU Riduttore di pressione

Rev.: **0**

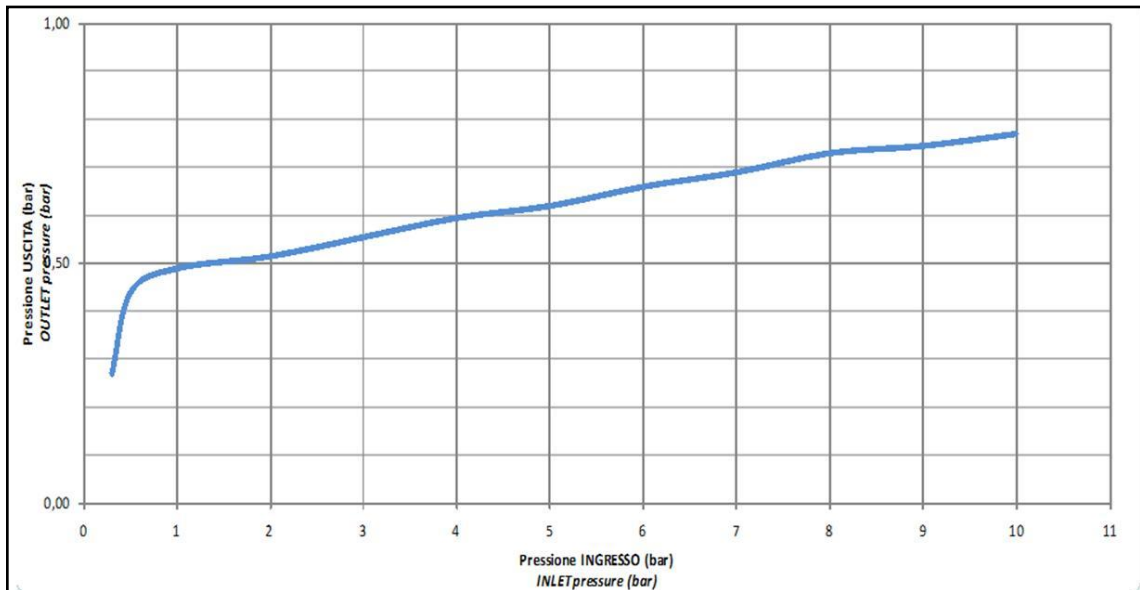
*RU Pressure restrictor*

Data: **25/11/2014**

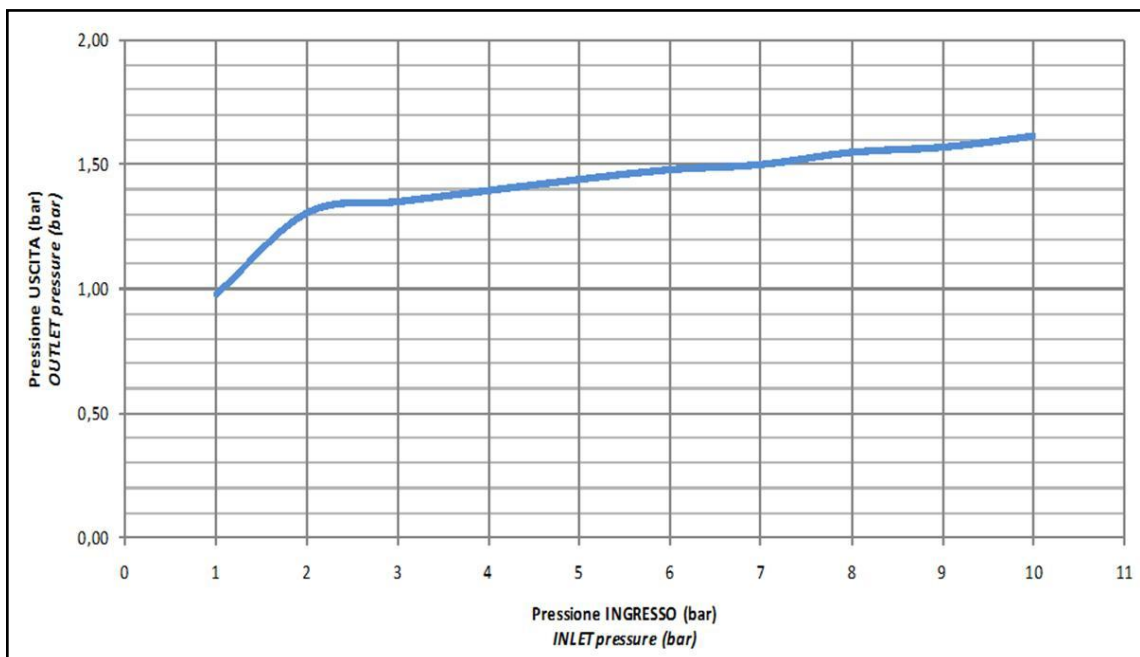
### CURVE DI REGOLAZIONE

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**Riduttore 0,5 Bar**  
*0,5 Bar restrictor*



**Riduttore 1,2 Bar**  
*1,2 Bar restrictor*







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## RU Riduttore di pressione

Rev.: **0**

*RU Pressure restrictor*

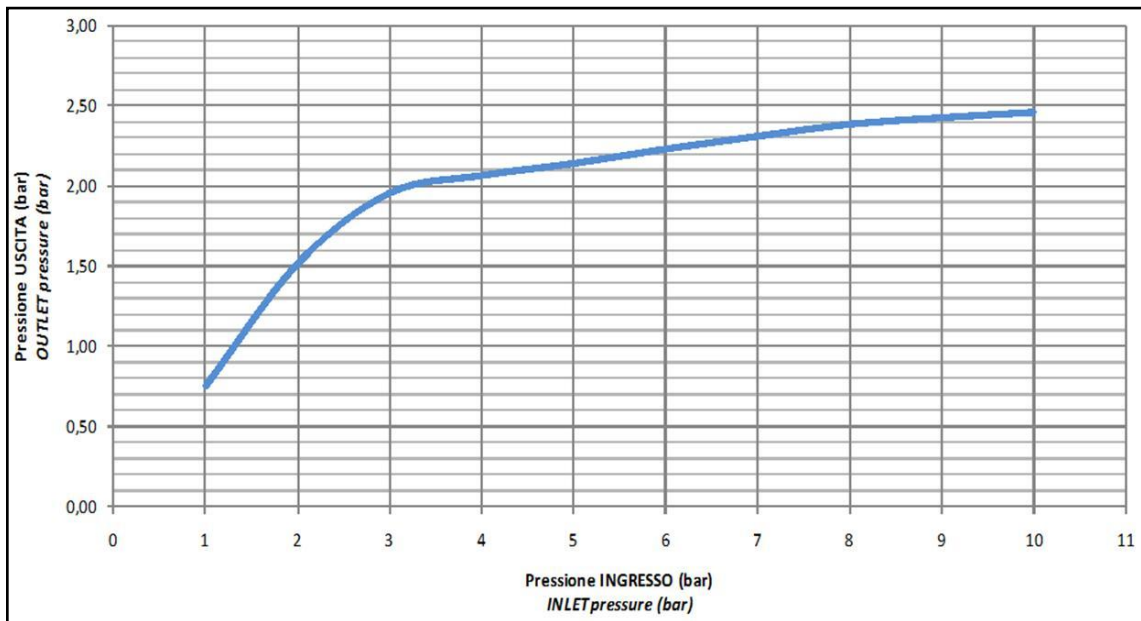
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### CURVE DI REGOLAZIONE

#### REGULATION CURVES

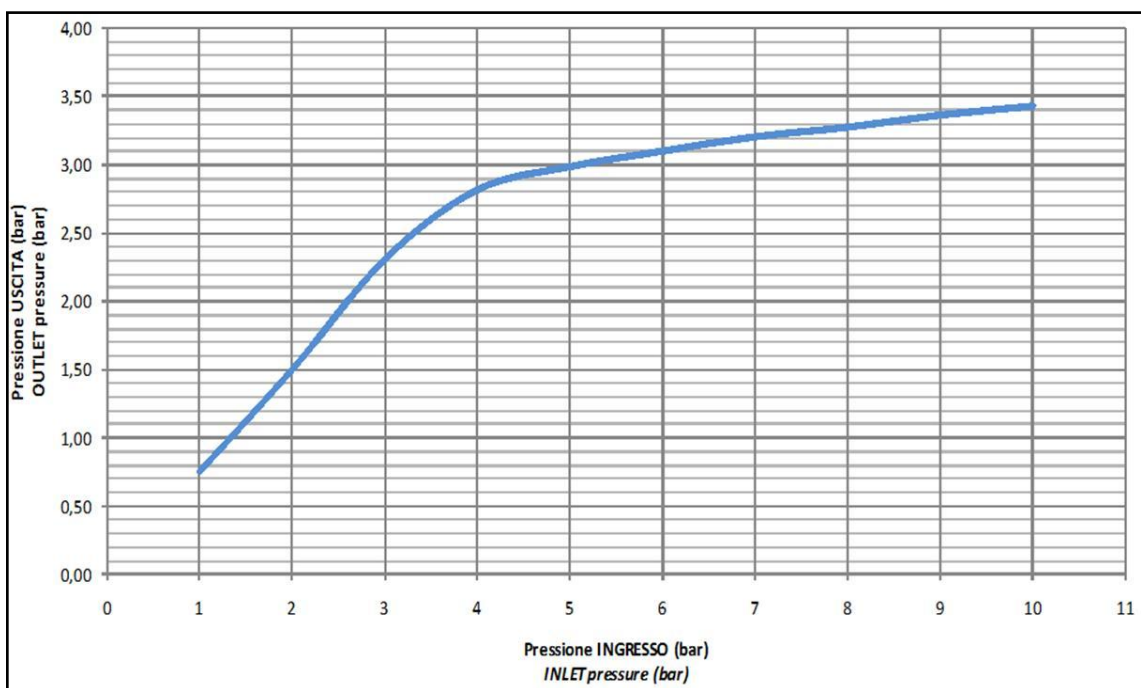
##### Riduttore 2,0 Bar

*2,0 Bar restrictor*



##### Riduttore 3,0 Bar

*3,0 Bar restrictor*





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## RU Riduttore di pressione

Rev.: **0**

*RU Pressure restrictor*

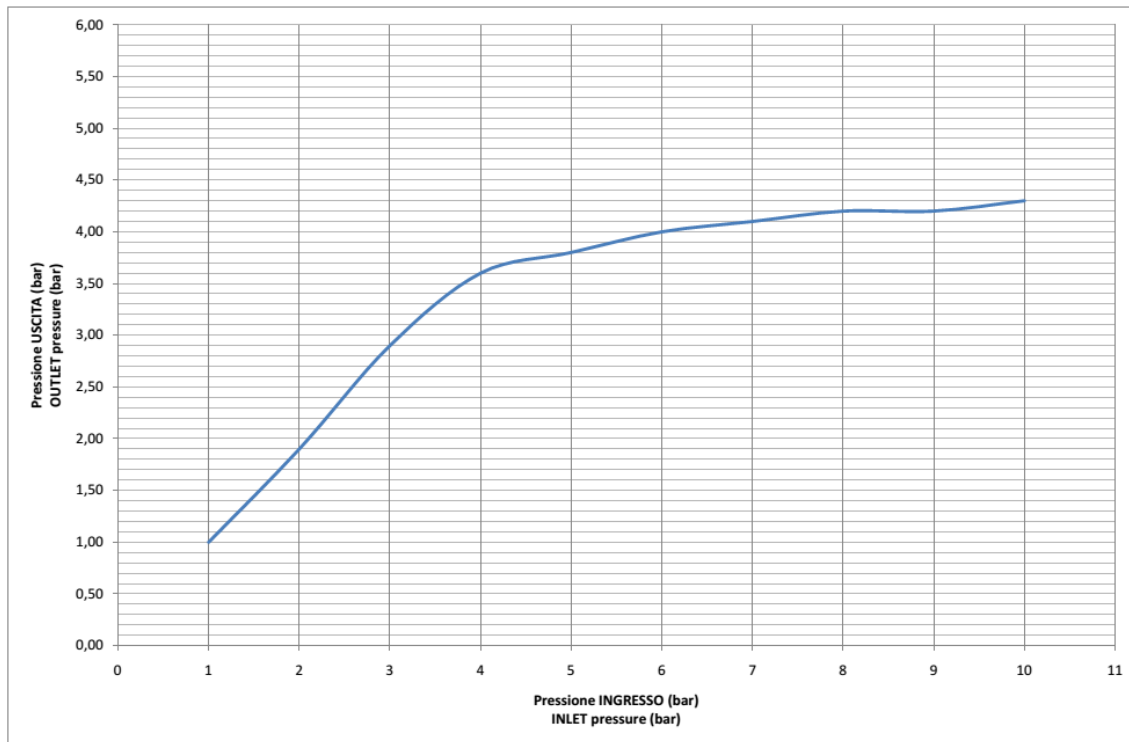
Data: **25/11/2014**

### CURVE DI REGOLAZIONE

#### *REGULATION CURVES*

**Riduttore 4,0 Bar**

*4,0 Bar restrictor*





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**RU Riduttore di pressione**

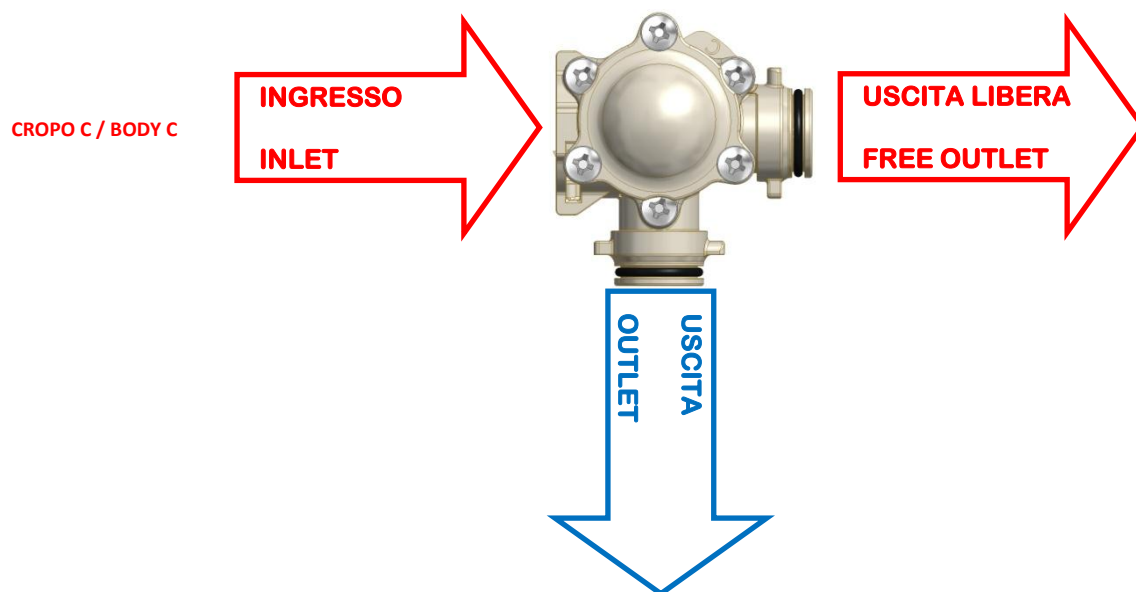
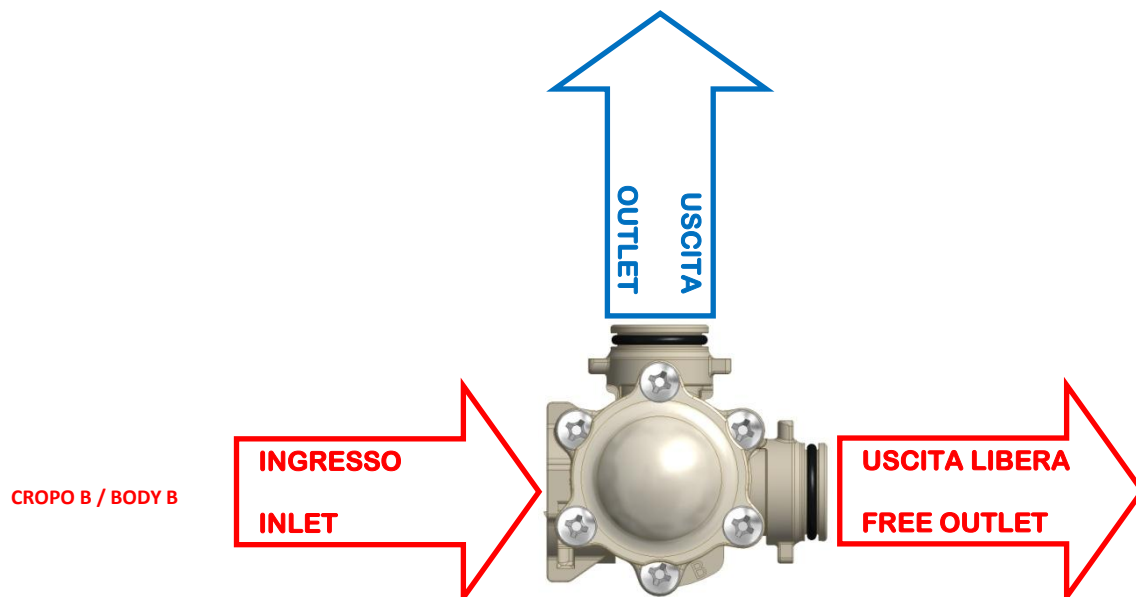
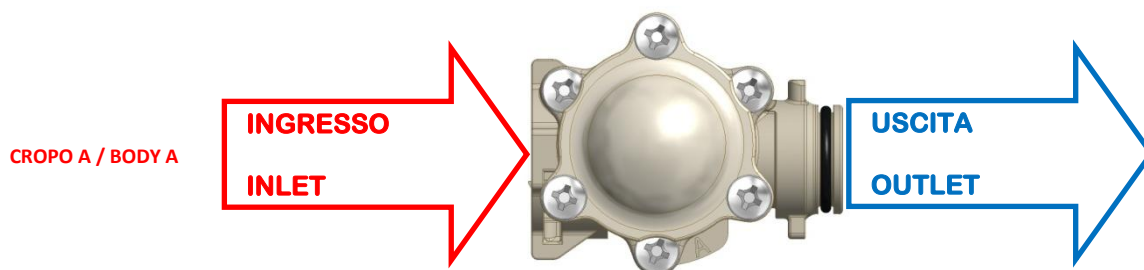
Rev.: **0**

*RU Pressure restrictor*

Data: **25/11/2014**

## SCHEMA DI FUNZIONAMENTO

### WORKING SCHEME





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

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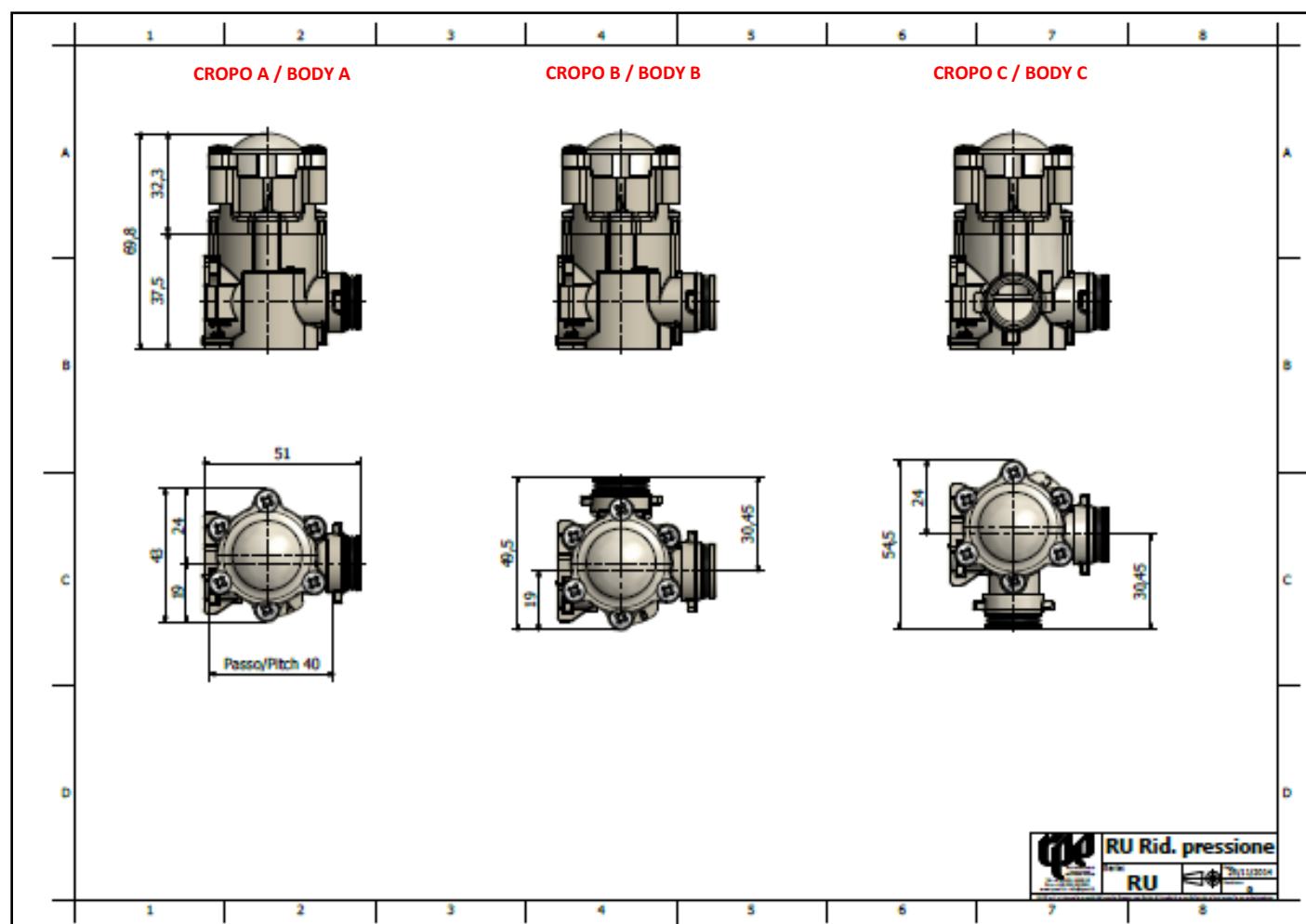
**RU Riduttore di pressione**

Rev.: **0**

*RU Pressure restrictor*

Data: **25/11/2014**

## DISEGNO DIMENSIONALE *DIMENSIONAL DRAWING*





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**Corpo valvola** PA 66 FV 30%  
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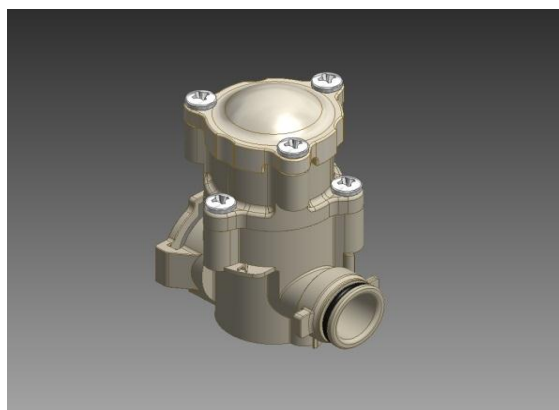
Corpo A - B - C.

#### APPLICAZIONI

Ovunque necessiti una pressione costante di utilizzo.

Serie R Universale - R Universal Series

## RU Riduttore di Pressione / RU Pressure Restrictor



#### CLASSIFICATION

**Type** Single

#### WORKING SPECIFICATIONS

**Max working pressure** 10 bar  
**Room temperature** 0 ÷ 60° C  
**Fluid temperature** 0 ÷ 25° C  
**Flow direction** Unidirectional  
**Rated diameter** Ø 5

#### PHYSICAL SPECIFICATIONS

**Valve body** PA 66 GF 30%  
**Sealing and Or** NBR, Silicone  
**Diaphragm** EPDM + textile coupled  
**Spring** Stainless steel  
**Assembly** With screws

#### HYDRAULIC CONNECTIONS

**Inlet connections** Quick connector Female (std RPE)  
**Outlet connections** Quick connector Male (std RPE)

#### INSTALLATION

The pressure restrictor can be mounted in any position without affecting operation.

#### AVAILABLE VALVE BODY

Body A - B - C.

#### APPLICATIONS

Any application that needs a constant work pressure.

#### MARCHI E APPROVAZIONI / CERTIFICATION MARKS

Tutti materiali RPE con approvazioni alimentari.

All RPE materials with alimentary approvals.



# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

## RU Riduttore di pressione

Rev.: **0**

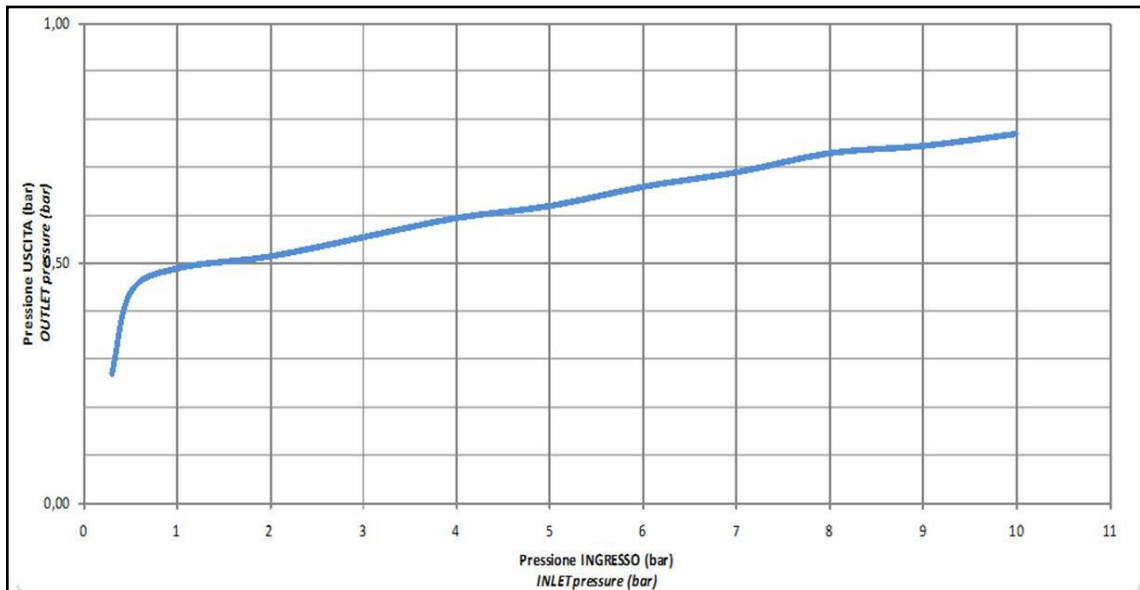
*RU Pressure restrictor*

Data: **25/11/2014**

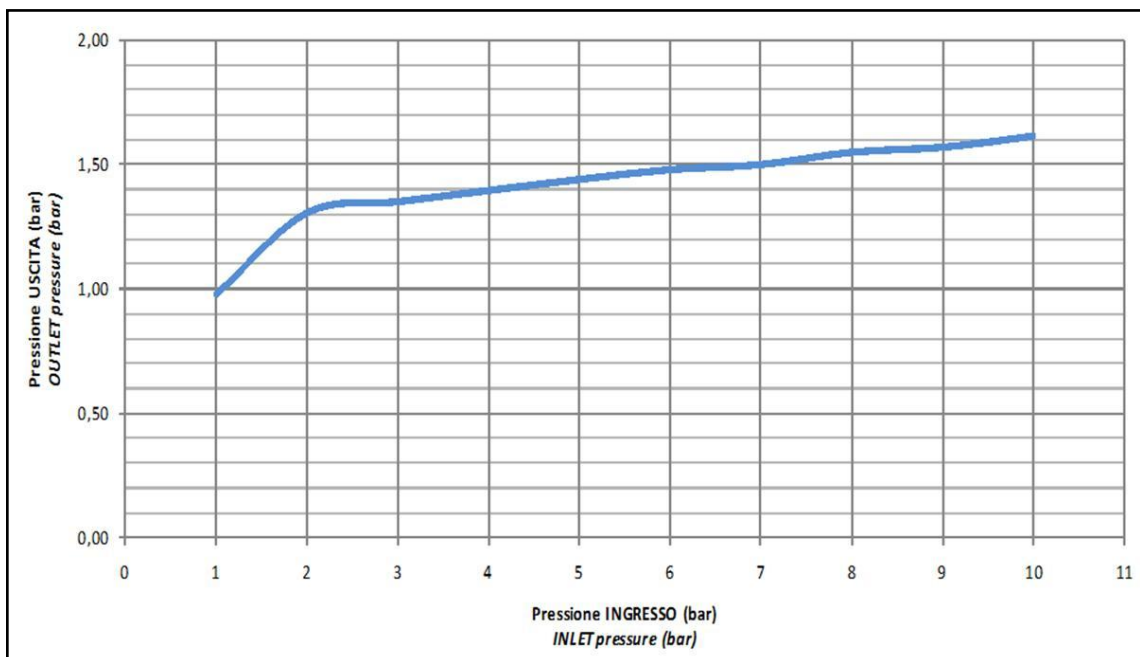
### CURVE DI REGOLAZIONE

#### REGULATION CURVES

**Riduttore 0,5 Bar**  
*0,5 Bar restrictor*



**Riduttore 1,2 Bar**  
*1,2 Bar restrictor*





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

## RU Riduttore di pressione

Rev.: **0**

*RU Pressure restrictor*

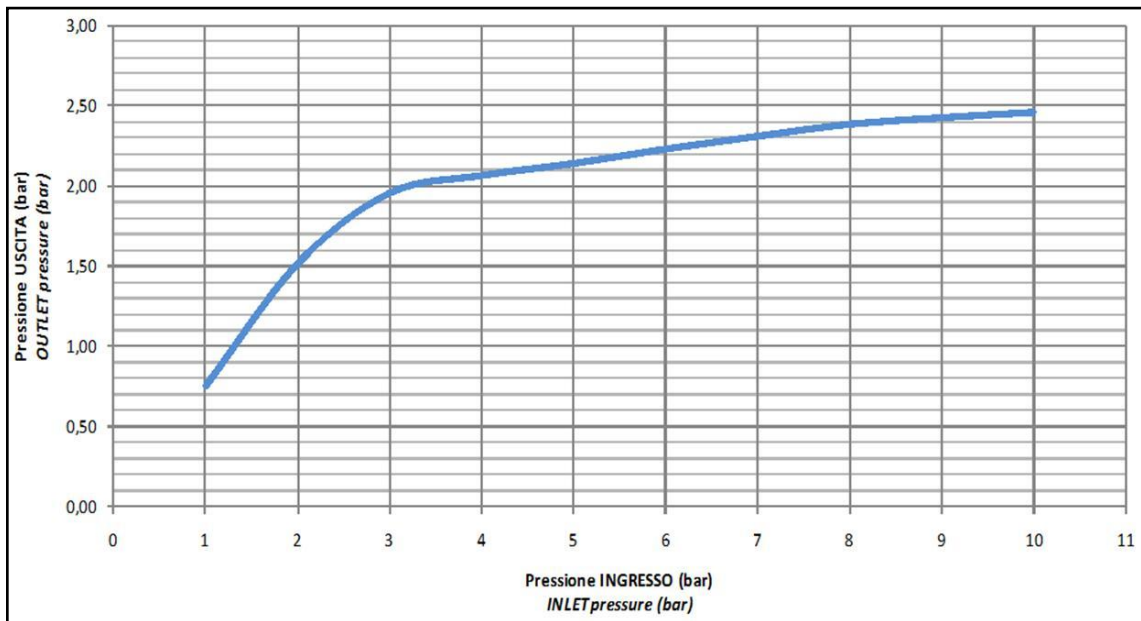
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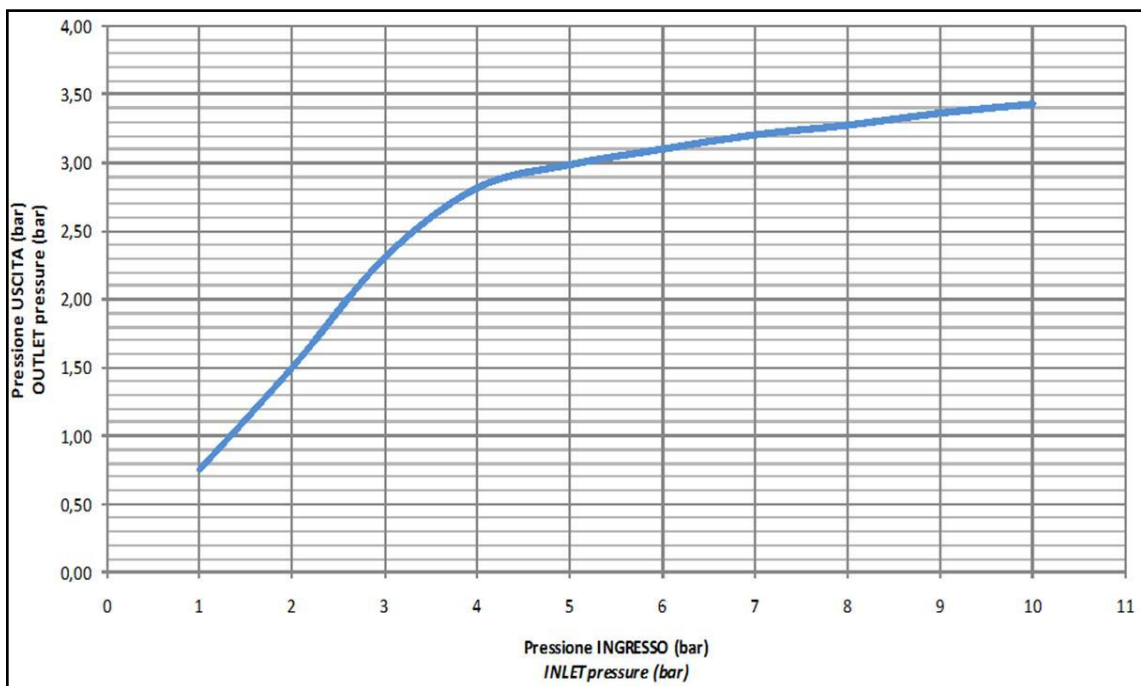
##### Riduttore 2,0 Bar

*2,0 Bar restrictor*



##### Riduttore 3,0 Bar

*3,0 Bar restrictor*





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

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## RU Riduttore di pressione

Rev.: **0**

*RU Pressure restrictor*

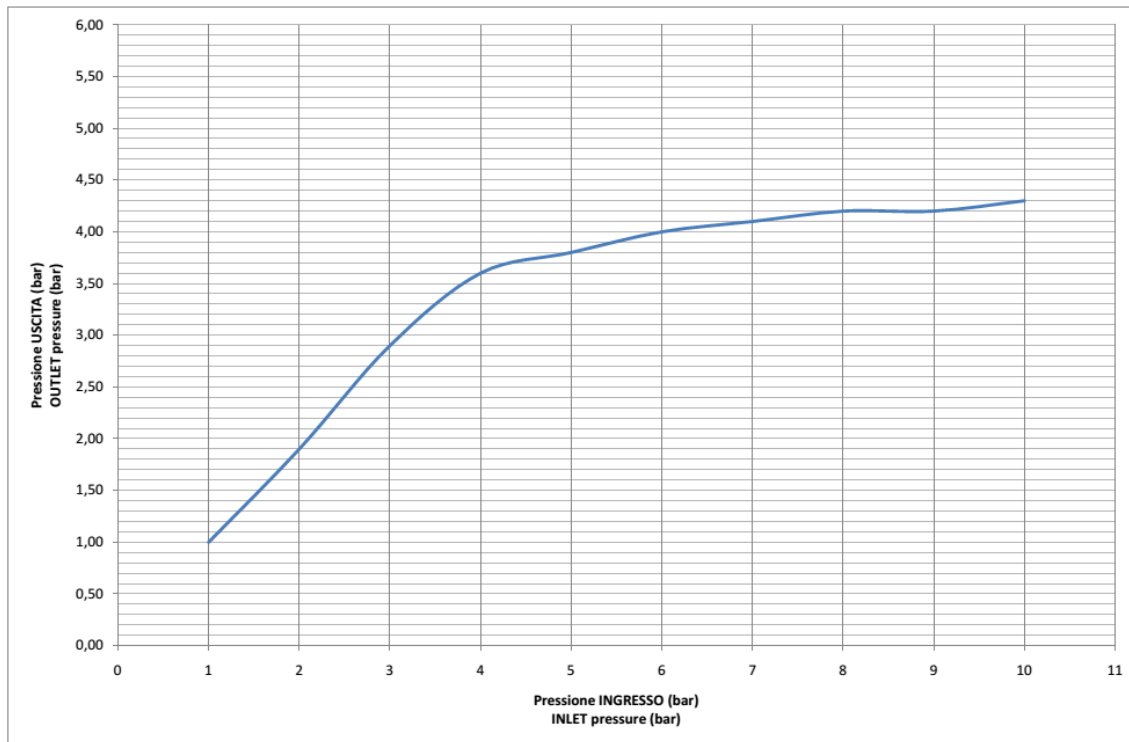
Data: **25/11/2014**

### CURVE DI REGOLAZIONE

#### *REGULATION CURVES*

**Riduttore 4,0 Bar**

*4,0 Bar restrictor*







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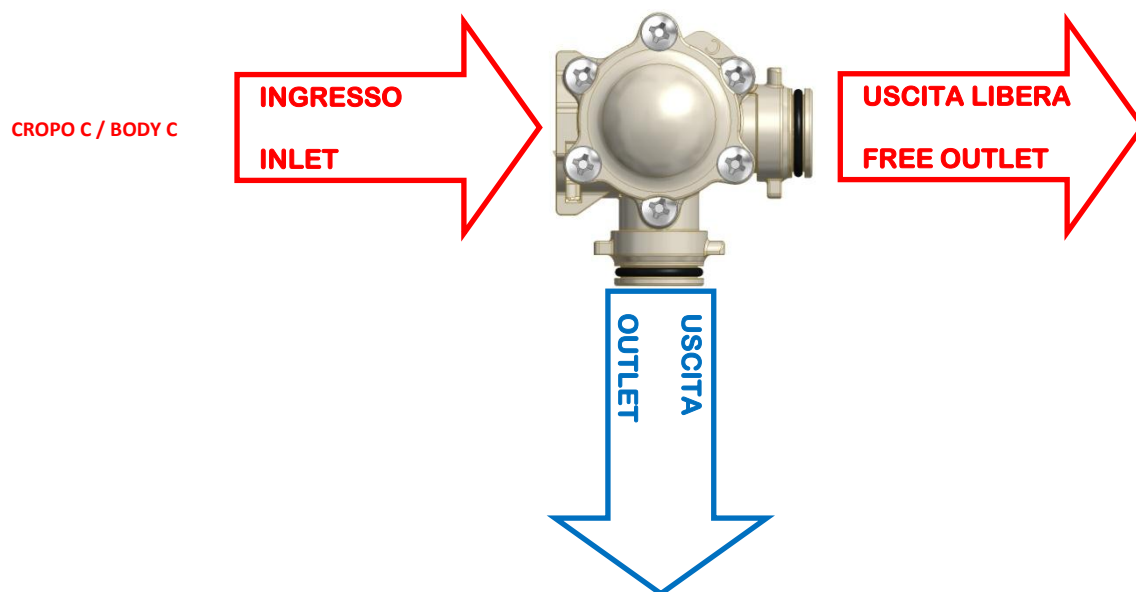
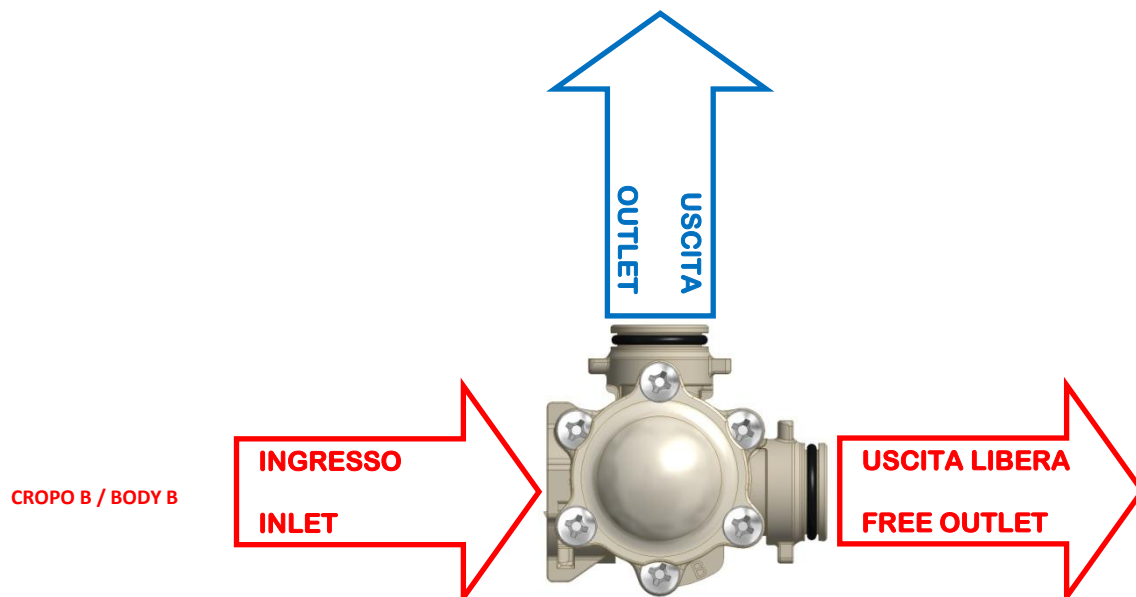
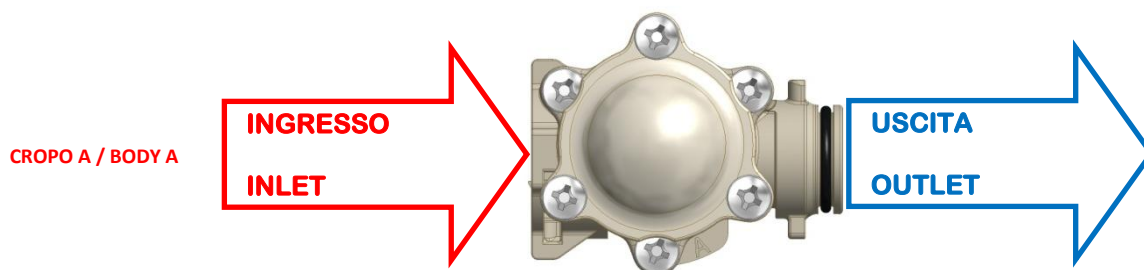
Rev.: **0**

*RU Pressure restrictor*

Data: **25/11/2014**

## SCHEMA DI FUNZIONAMENTO

### WORKING SCHEME





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

## RU Riduttore di pressione

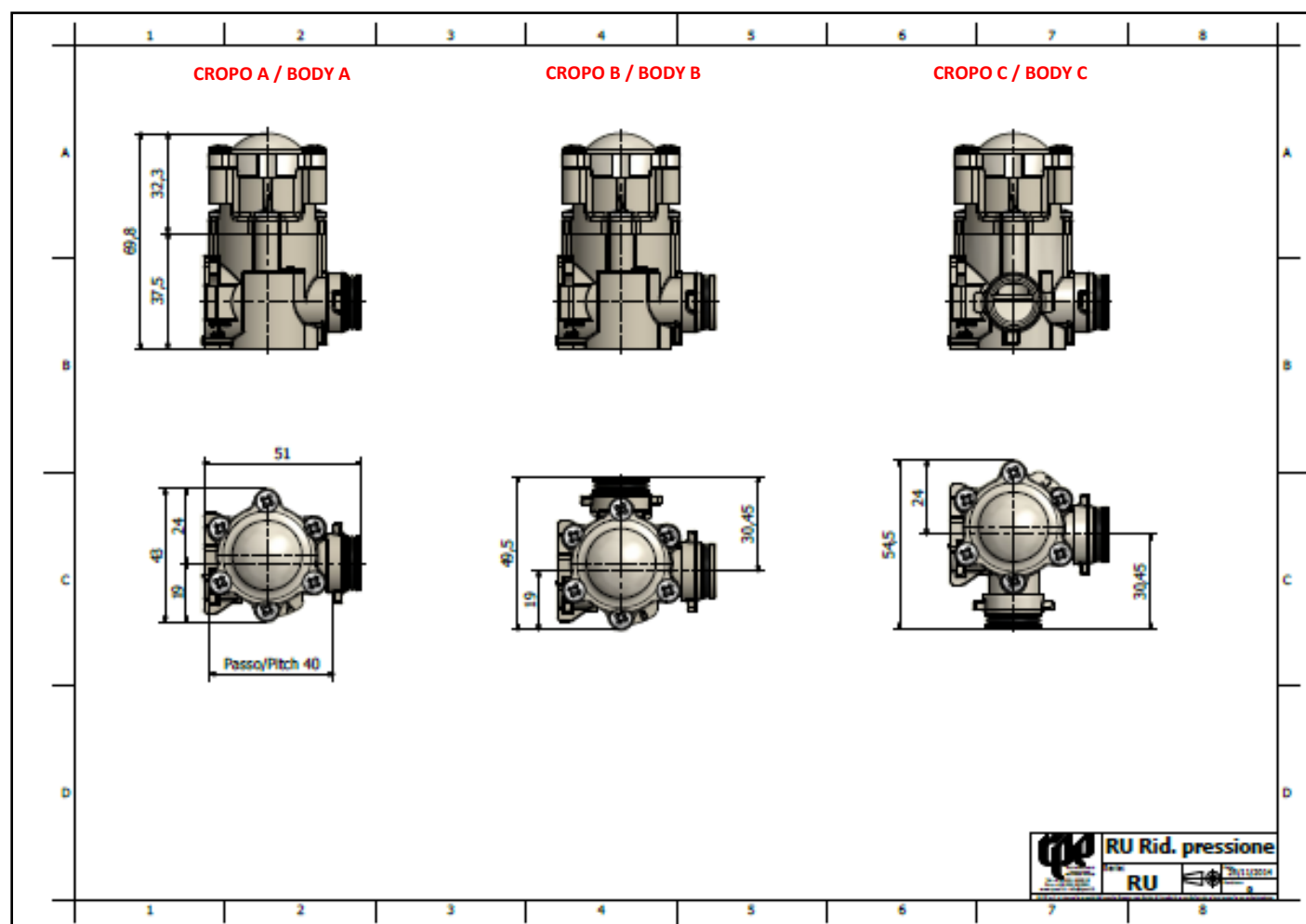
### *RU Pressure restrictor*

Cod.: **4TDS103**

Rev.: **0**

Data: **25/11/2014**

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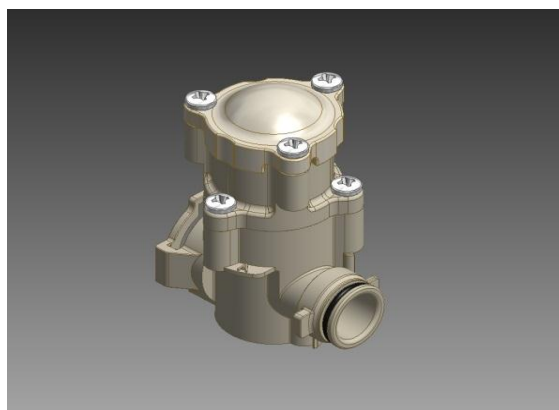
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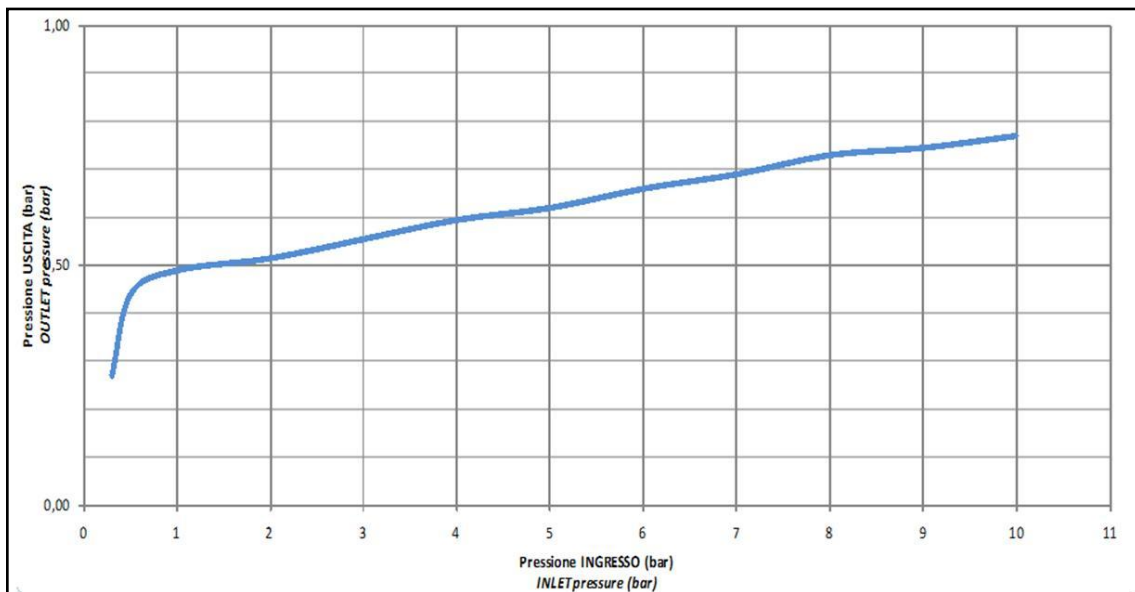
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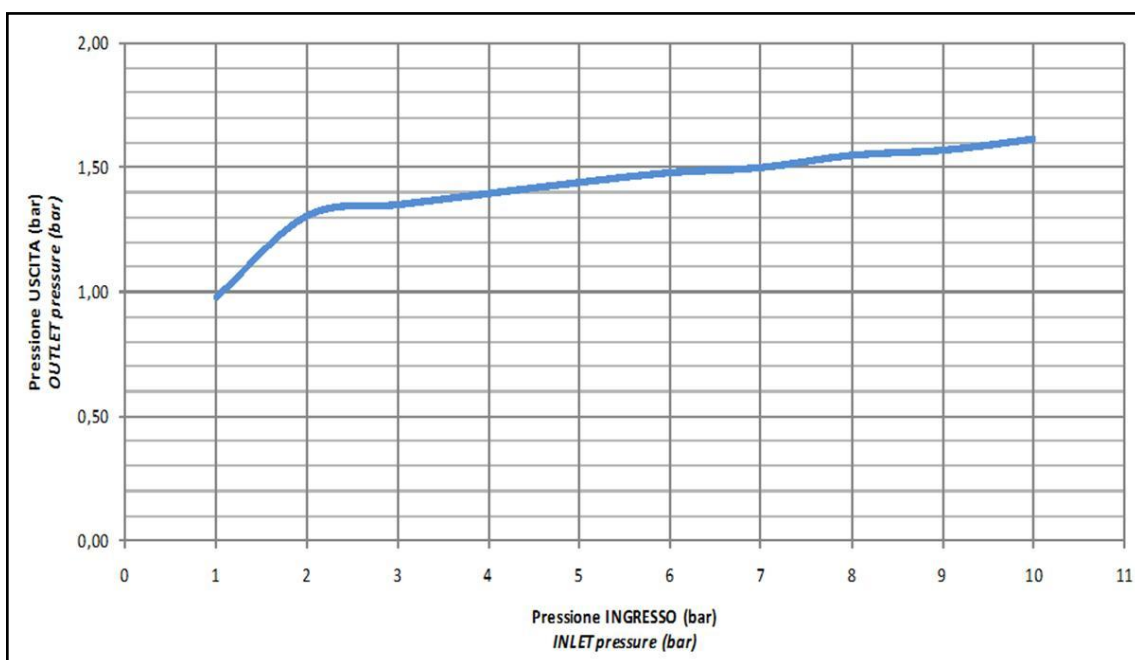
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*0,5 Bar restrictor*



**Riduttore 1,2 Bar**  
*1,2 Bar restrictor*





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Rev.: **0**

*RU Pressure restrictor*

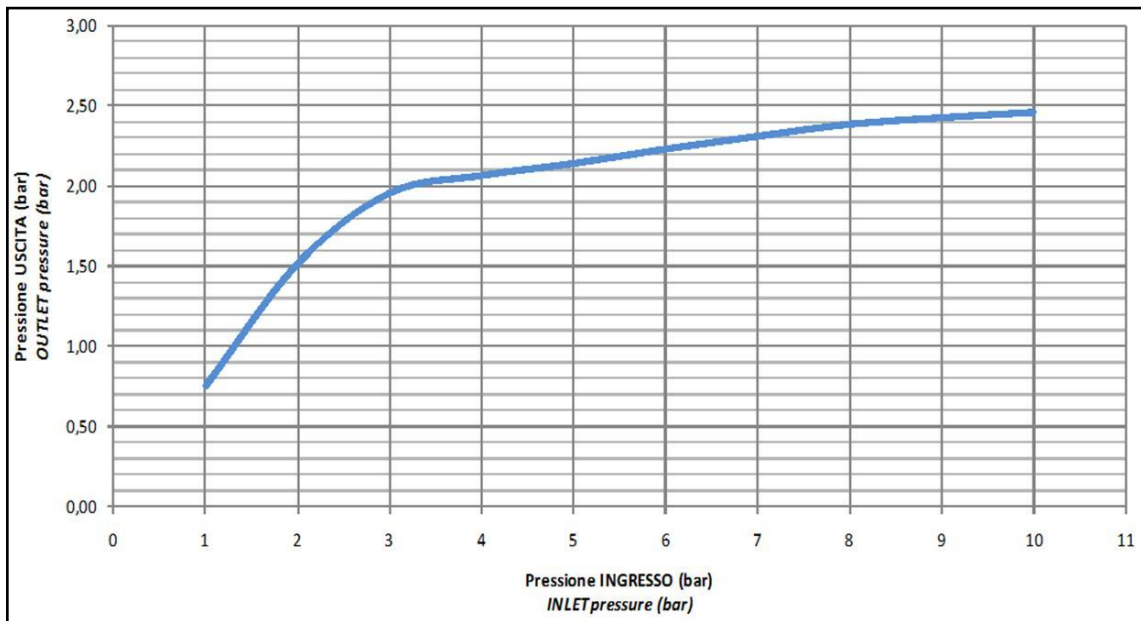
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#### REGULATION CURVES

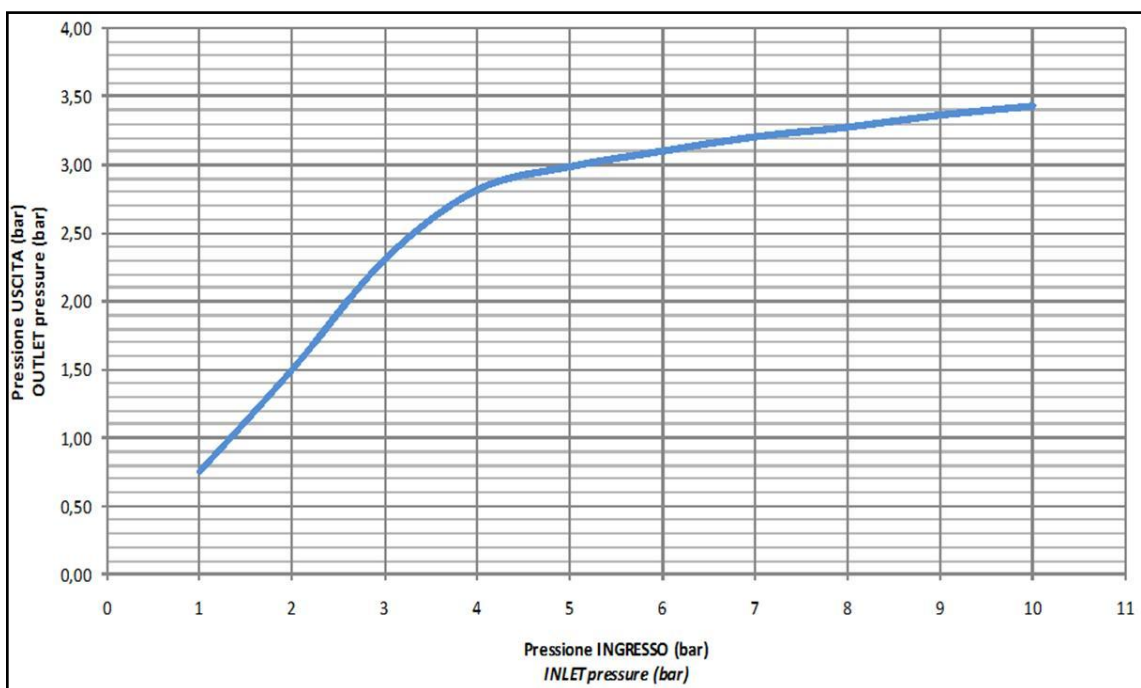
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*2,0 Bar restrictor*



##### Riduttore 3,0 Bar

*3,0 Bar restrictor*





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## RU Riduttore di pressione

Rev.: **0**

*RU Pressure restrictor*

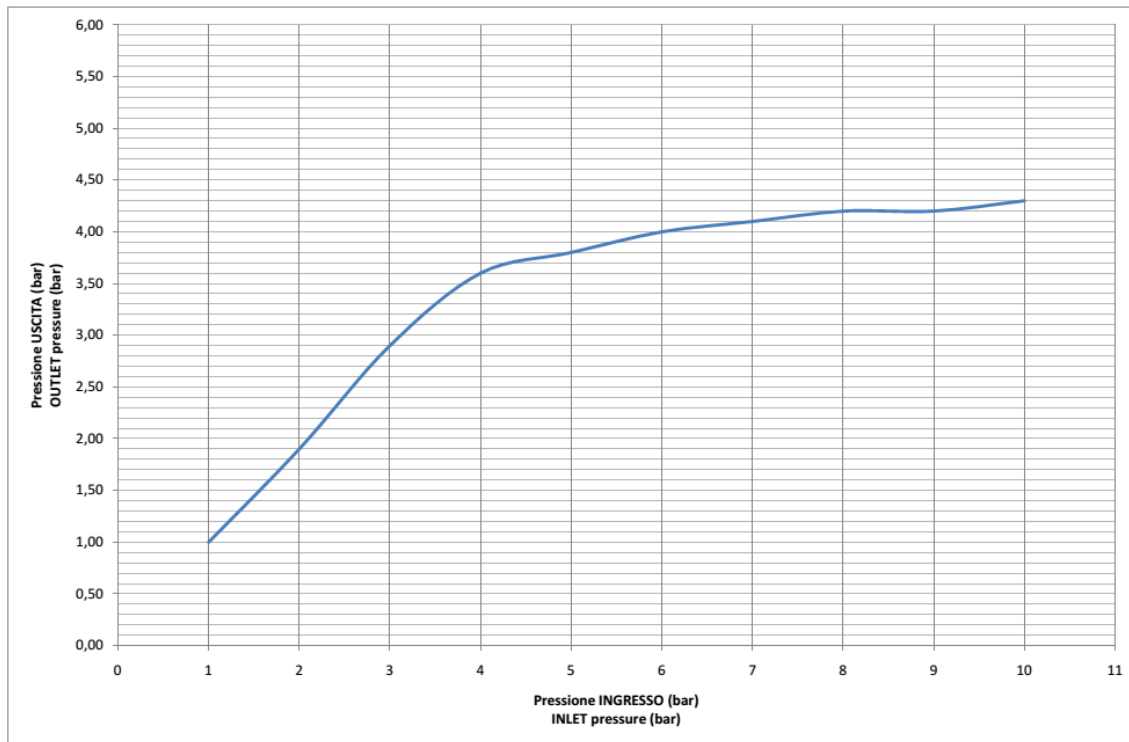
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### CURVE DI REGOLAZIONE

#### REGULATION CURVES

**Riduttore 4,0 Bar**

*4,0 Bar restrictor*





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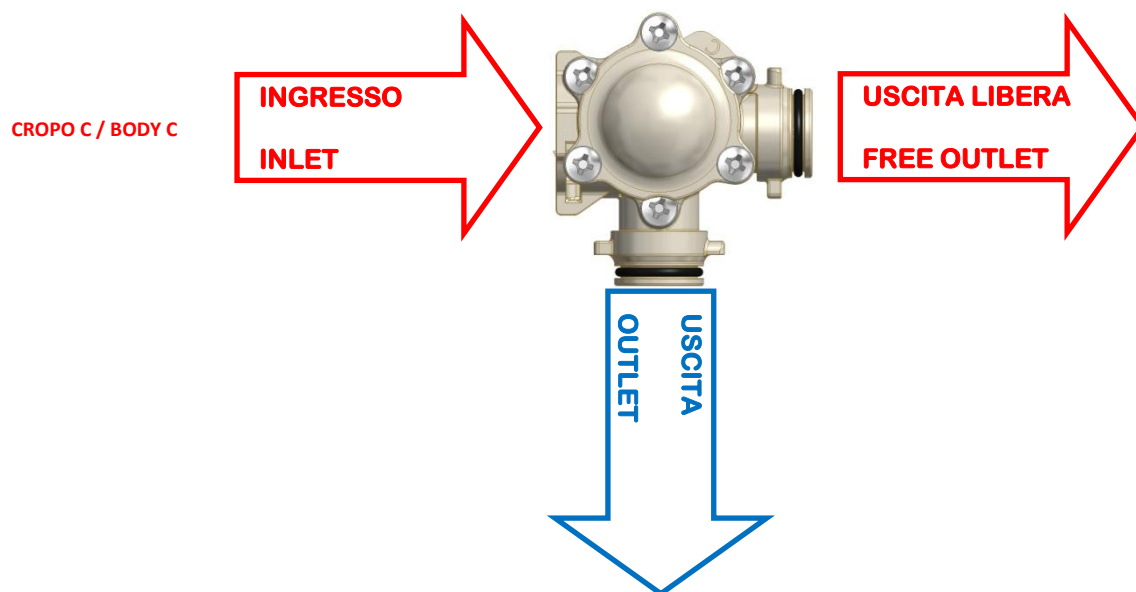
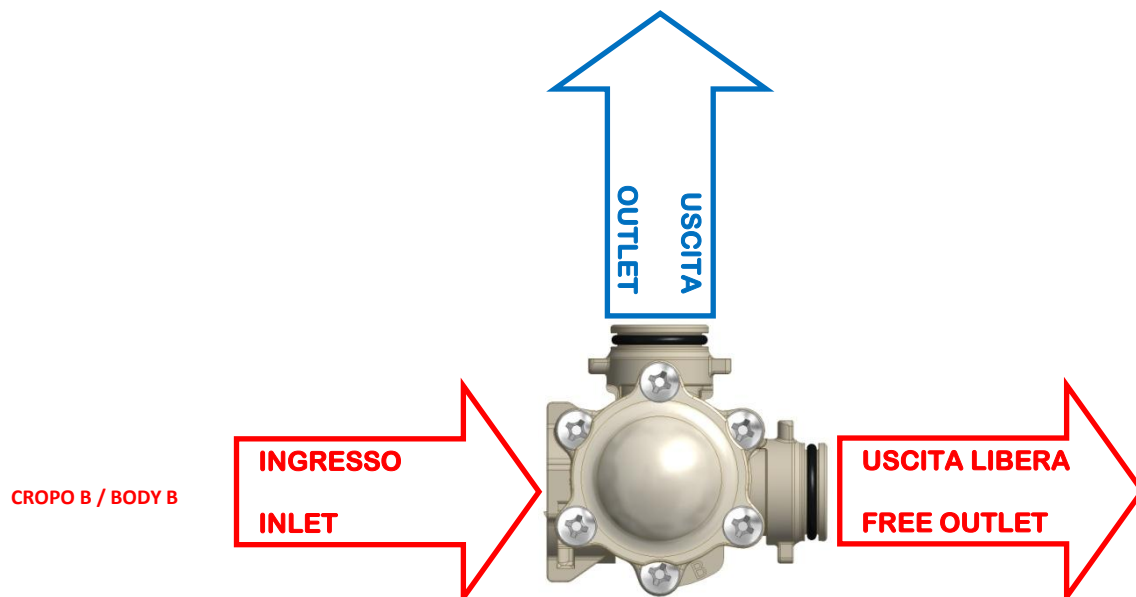
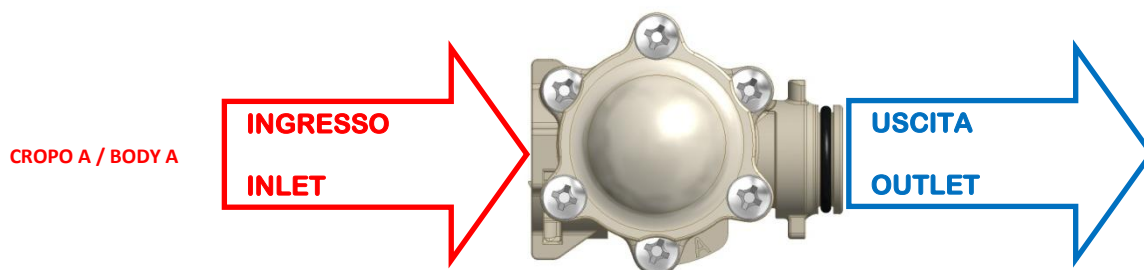
Rev.: **0**

*RU Pressure restrictor*

Data: **25/11/2014**

## SCHEMA DI FUNZIONAMENTO

### WORKING SCHEME





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

## RU Riduttore di pressione

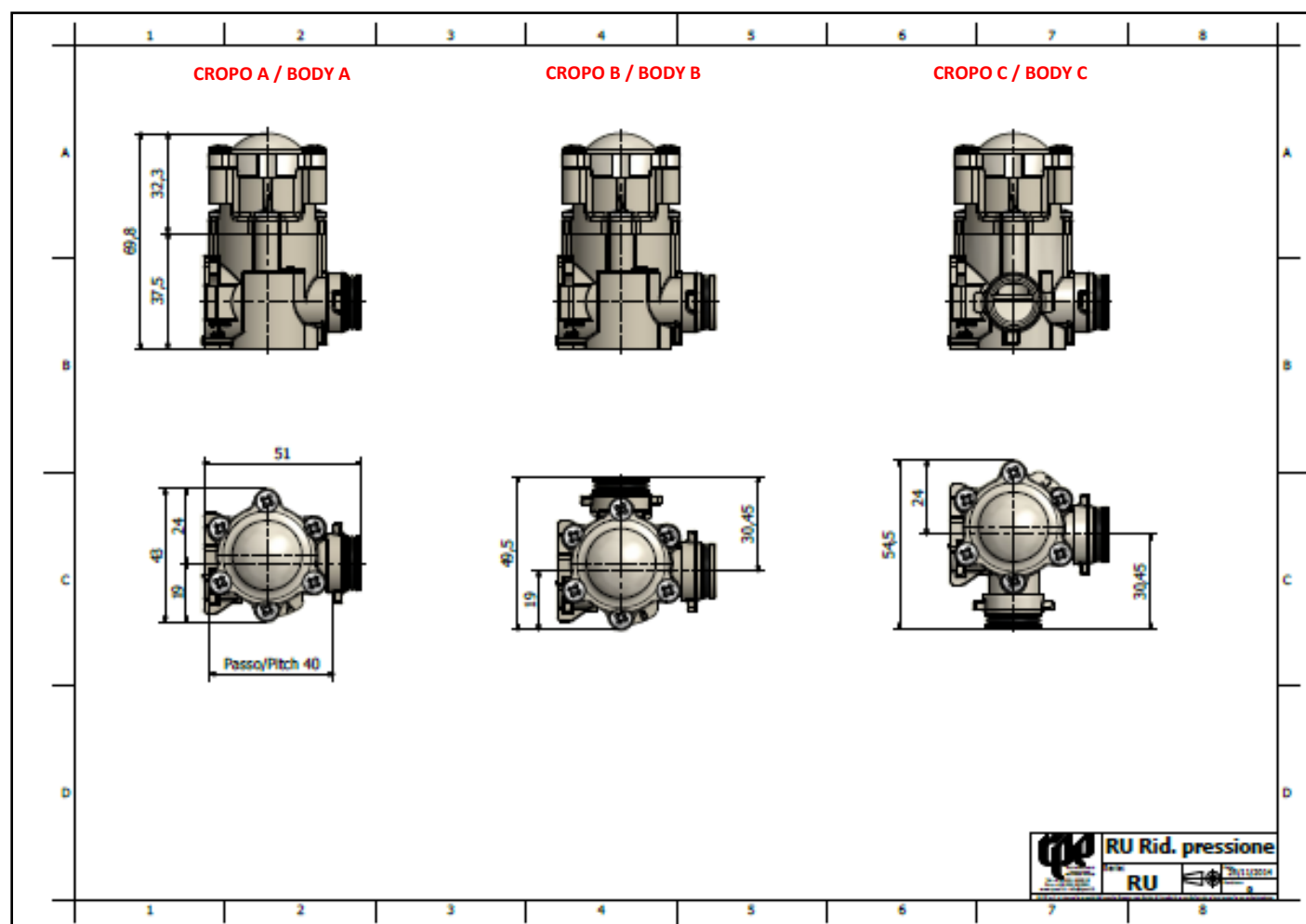
### *RU Pressure restrictor*

Cod.: **4TDS103**

Rev.: **0**

Data: **25/11/2014**

DISEGNO DIMENSIONALE  
*DIMENSIONAL DRAWING*







Rpe s.r.l.  
Via S. Ambrogio, 3  
22070 Carbonate (CO)  
Italy  
Tel. +39 0331 83.25.15  
Fax +39 0331 83.25.01  
[www.rpesrl.it](http://www.rpesrl.it)

#### CLASSIFICAZIONE

**Tipologia** Singola

#### CARATTERISTICHE DI LAVORO

**Pressione massima ingresso** 10 bar  
**Temperatura ambiente** 0 ÷ 60° C  
**Temperatura fluido** 0 ÷ 25° C  
**Direzione del fluido** Unidirezionale  
**Diametro di passaggio** Ø 5

#### CARATTERISTICHE FISICHE

**Corpo valvola** PA 66 FV 30%  
**Guarnizione e Or** NBR, Silicone  
**Membrana** EPDM + supporto tessile  
**Molla** Acciaio Inox  
**Assemblaggio** Con viti

#### CONNESSIONI IDRAULICHE

**Connessioni in ingresso** Connessione rapida Femmina (std RPE)  
**Connessioni in uscita** Connessione rapida Maschio (std RPE)

#### INSTALLAZIONE

Il riduttore può essere montata in qualsiasi posizione senza comprometterne il funzionamento.

#### CORPI VALVOLA DISPONIBILI

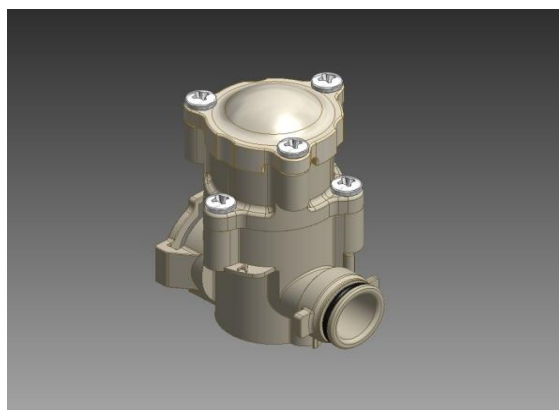
Corpo A - B - C.

#### APPLICAZIONI

Ovunque necessiti una pressione costante di utilizzo.

Serie R Universale - R Universal Series

## RU Riduttore di Pressione / RU Pressure Restrictor



#### CLASSIFICATION

**Type** Single

#### WORKING SPECIFICATIONS

**Max working pressure** 10 bar  
**Room temperature** 0 ÷ 60° C  
**Fluid temperature** 0 ÷ 25° C  
**Flow direction** Unidirectional  
**Rated diameter** Ø 5

#### PHYSICAL SPECIFICATIONS

**Valve body** PA 66 GF 30%  
**Sealing and Or** NBR, Silicone  
**Diaphragm** EPDM + textile coupled  
**Spring** Stainless steel  
**Assembly** With screws

#### HYDRAULIC CONNECTIONS

**Inlet connections** Quick connector Female (std RPE)  
**Outlet connections** Quick connector Male (std RPE)

#### INSTALLATION

The pressure restrictor can be mounted in any position without affecting operation.

#### AVAILABLE VALVE BODY

Body A - B - C.

#### APPLICATIONS

Any application that needs a constant work pressure.

#### MARCHI E APPROVAZIONI / CERTIFICATION MARKS

Tutti materiali RPE con approvazioni alimentari.

All RPE materials with alimentary approvals.



# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

## RU Riduttore di pressione

Rev.: **0**

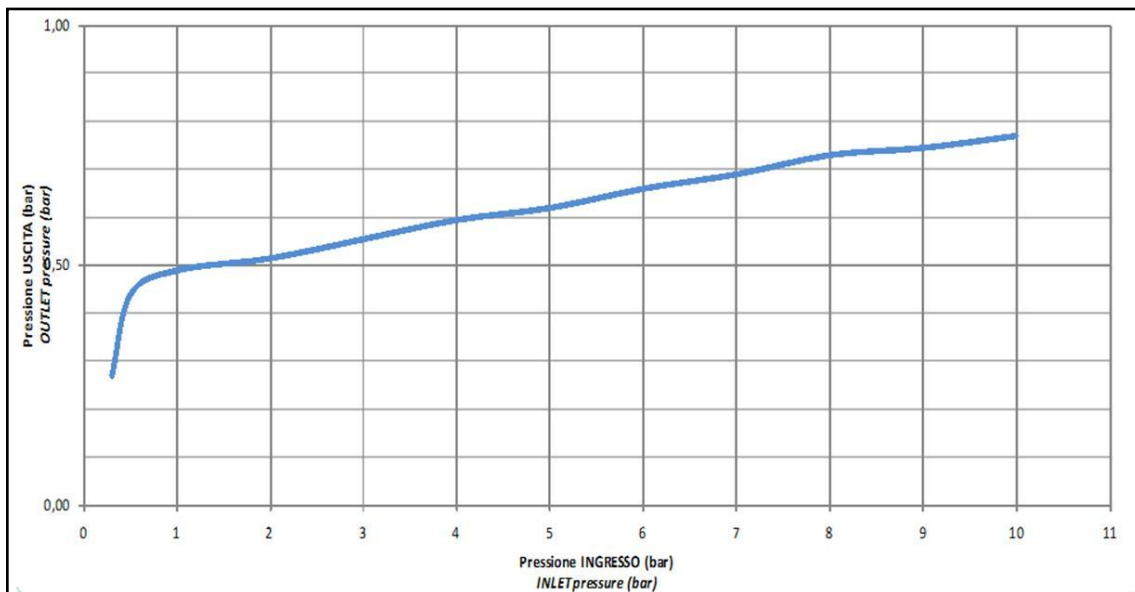
*RU Pressure restrictor*

Data: **25/11/2014**

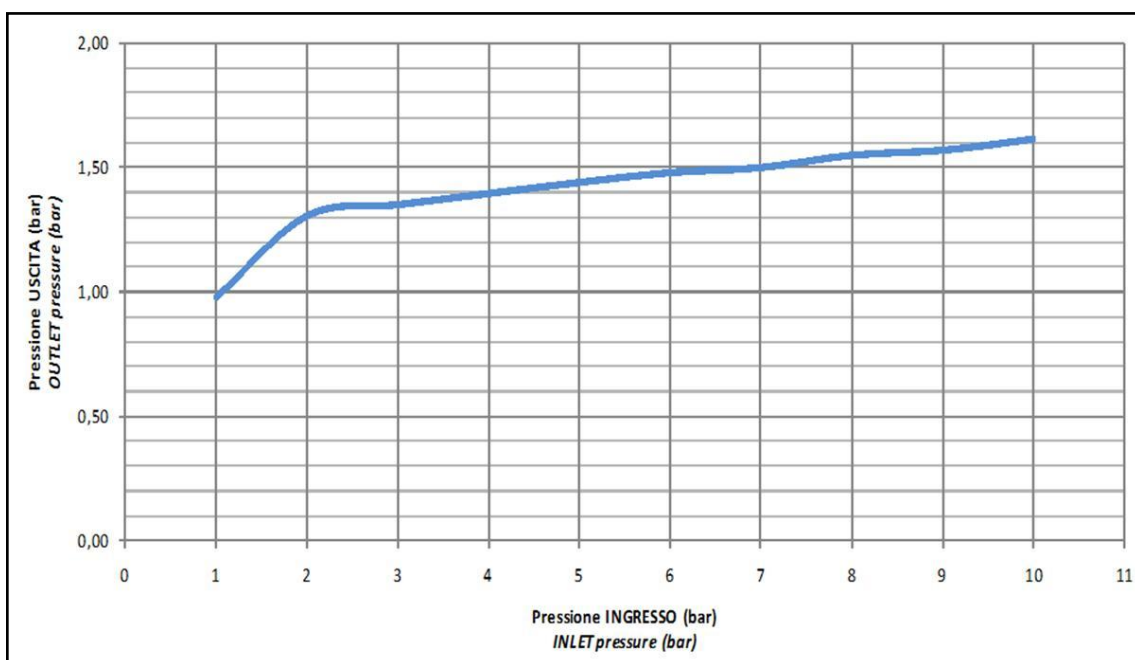
### CURVE DI REGOLAZIONE

#### REGULATION CURVES

**Riduttore 0,5 Bar**  
*0,5 Bar restrictor*



**Riduttore 1,2 Bar**  
*1,2 Bar restrictor*





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

## RU Riduttore di pressione

Rev.: **0**

*RU Pressure restrictor*

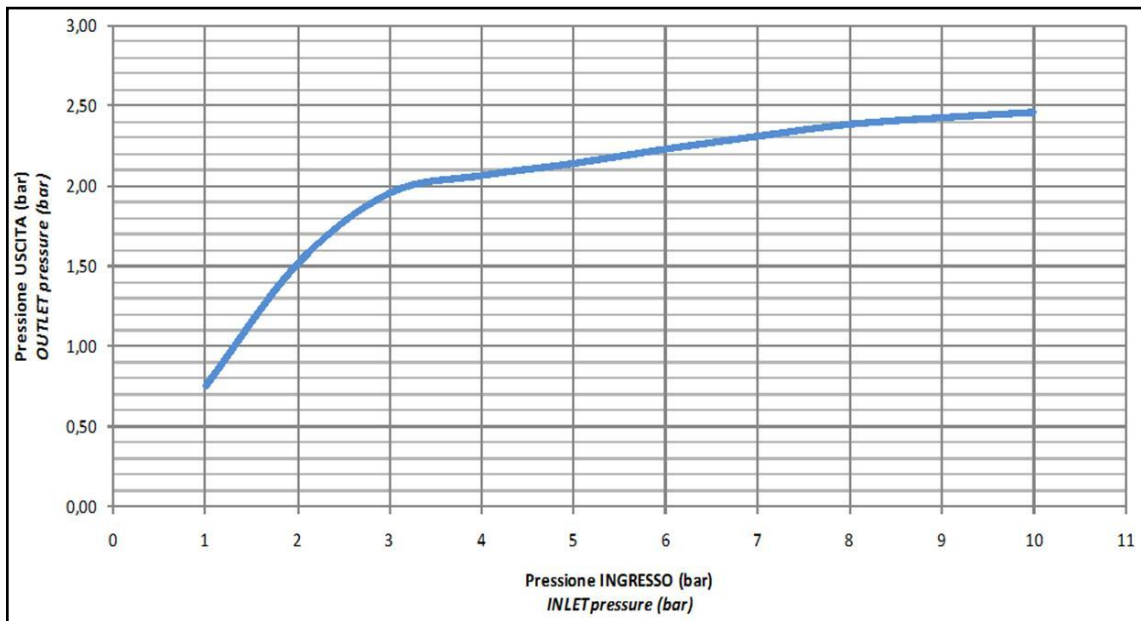
Data: **25/11/2014**

### CURVE DI REGOLAZIONE

#### REGULATION CURVES

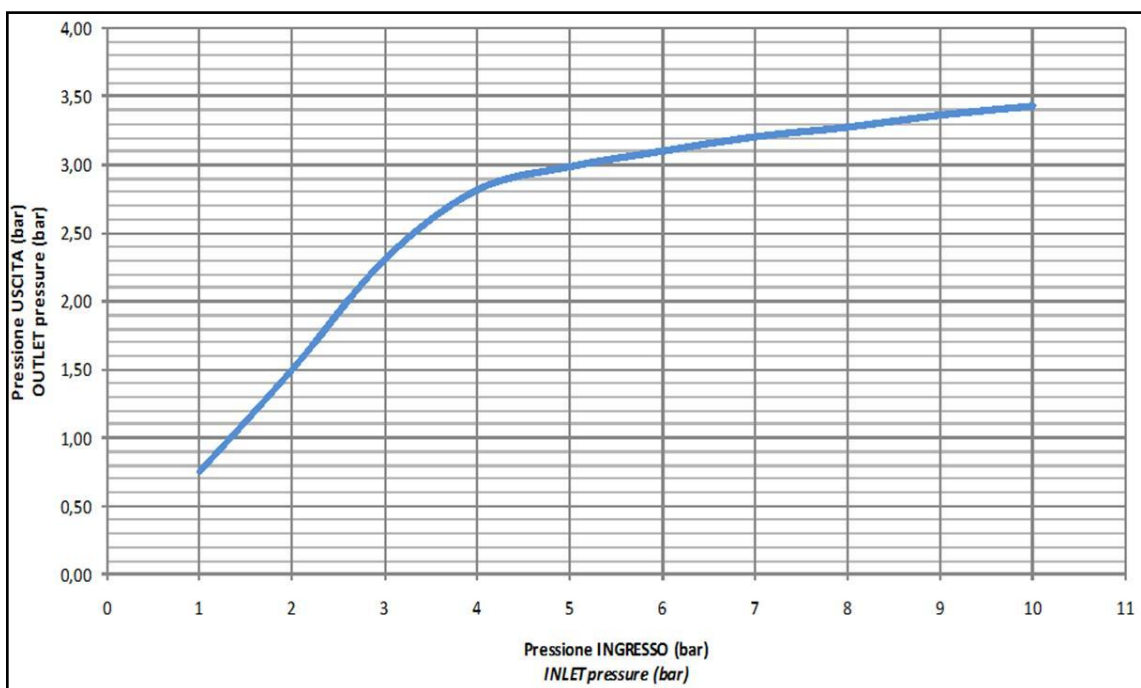
##### Riduttore 2,0 Bar

*2,0 Bar restrictor*



##### Riduttore 3,0 Bar

*3,0 Bar restrictor*





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

## RU Riduttore di pressione

Rev.: **0**

*RU Pressure restrictor*

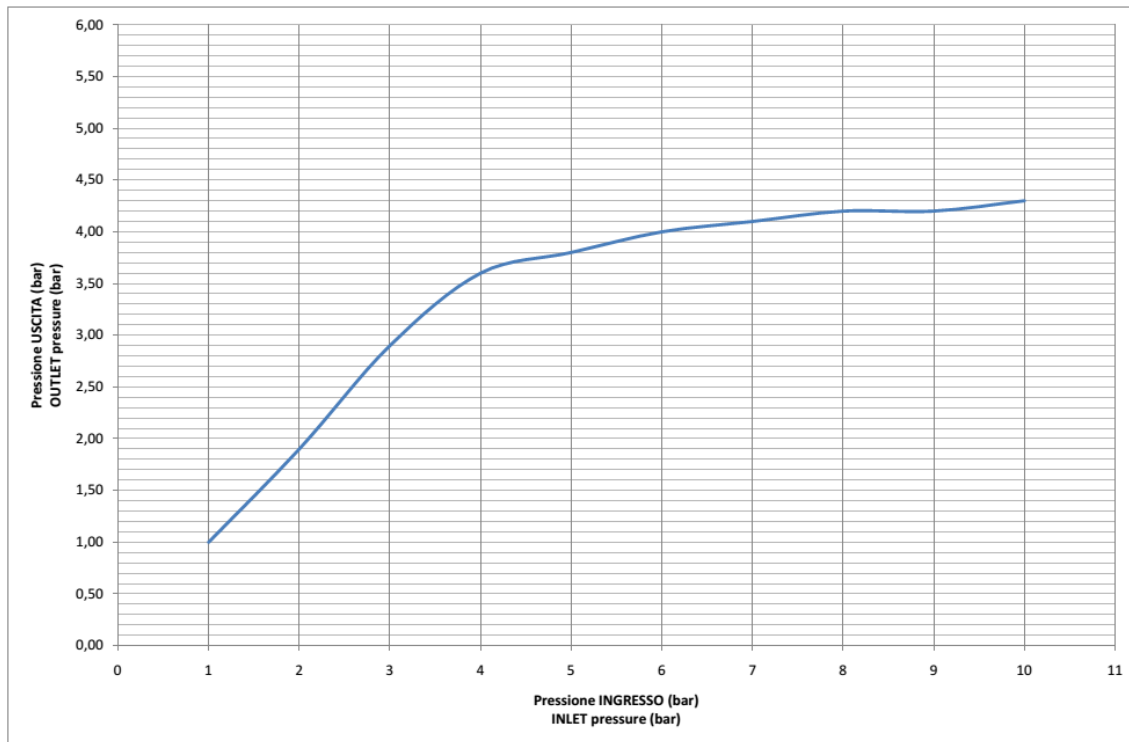
Data: **25/11/2014**

### CURVE DI REGOLAZIONE

#### REGULATION CURVES

**Riduttore 4,0 Bar**

*4,0 Bar restrictor*





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

**RU Riduttore di pressione**

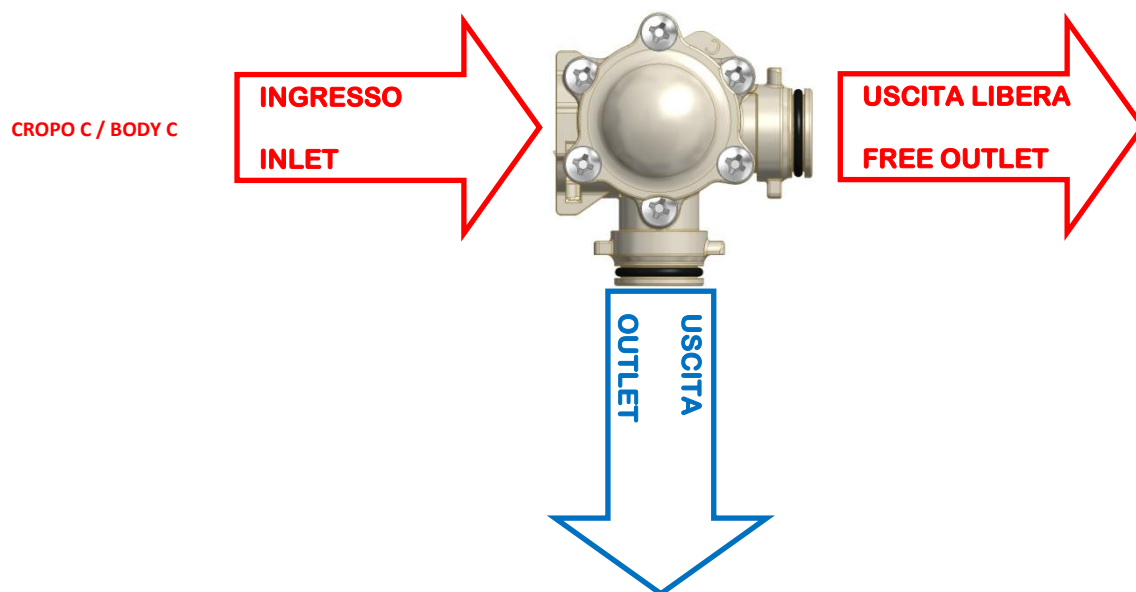
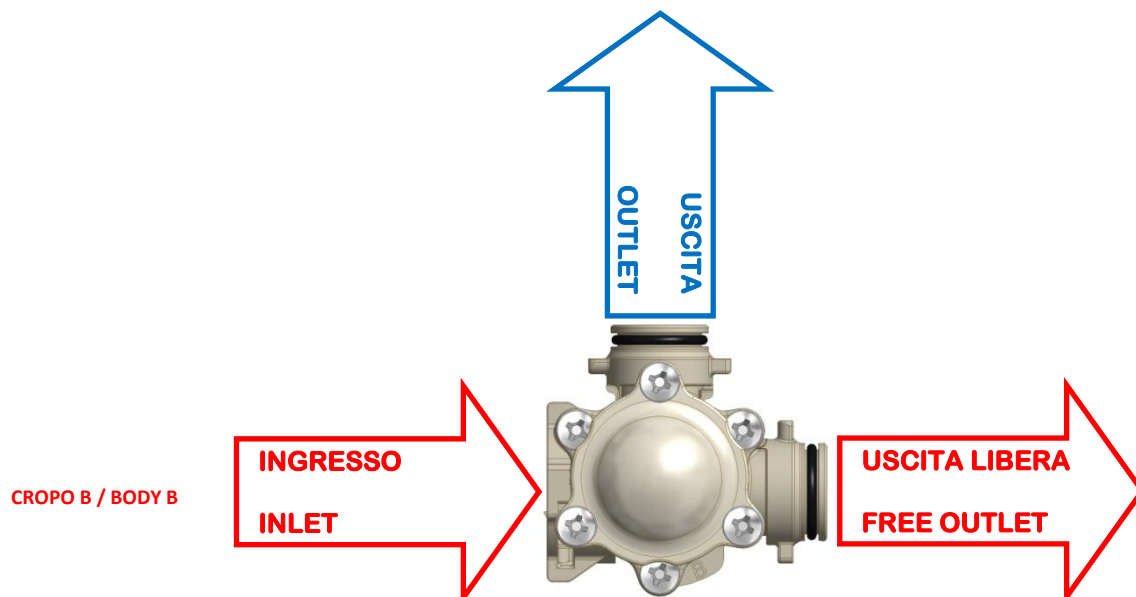
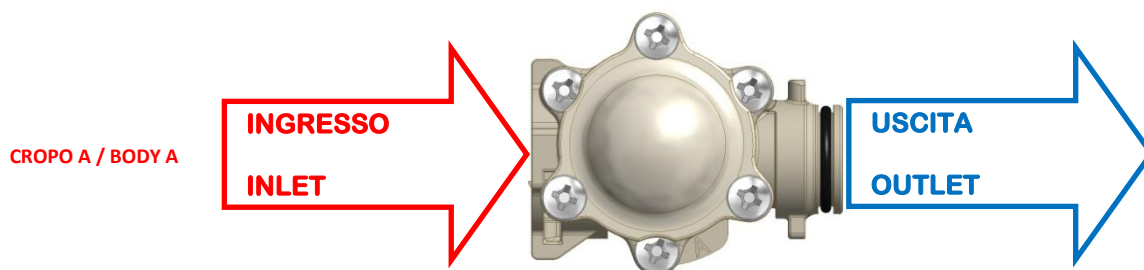
Rev.: **0**

*RU Pressure restrictor*

Data: **25/11/2014**

## SCHEMA DI FUNZIONAMENTO

### WORKING SCHEME





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

## RU Riduttore di pressione

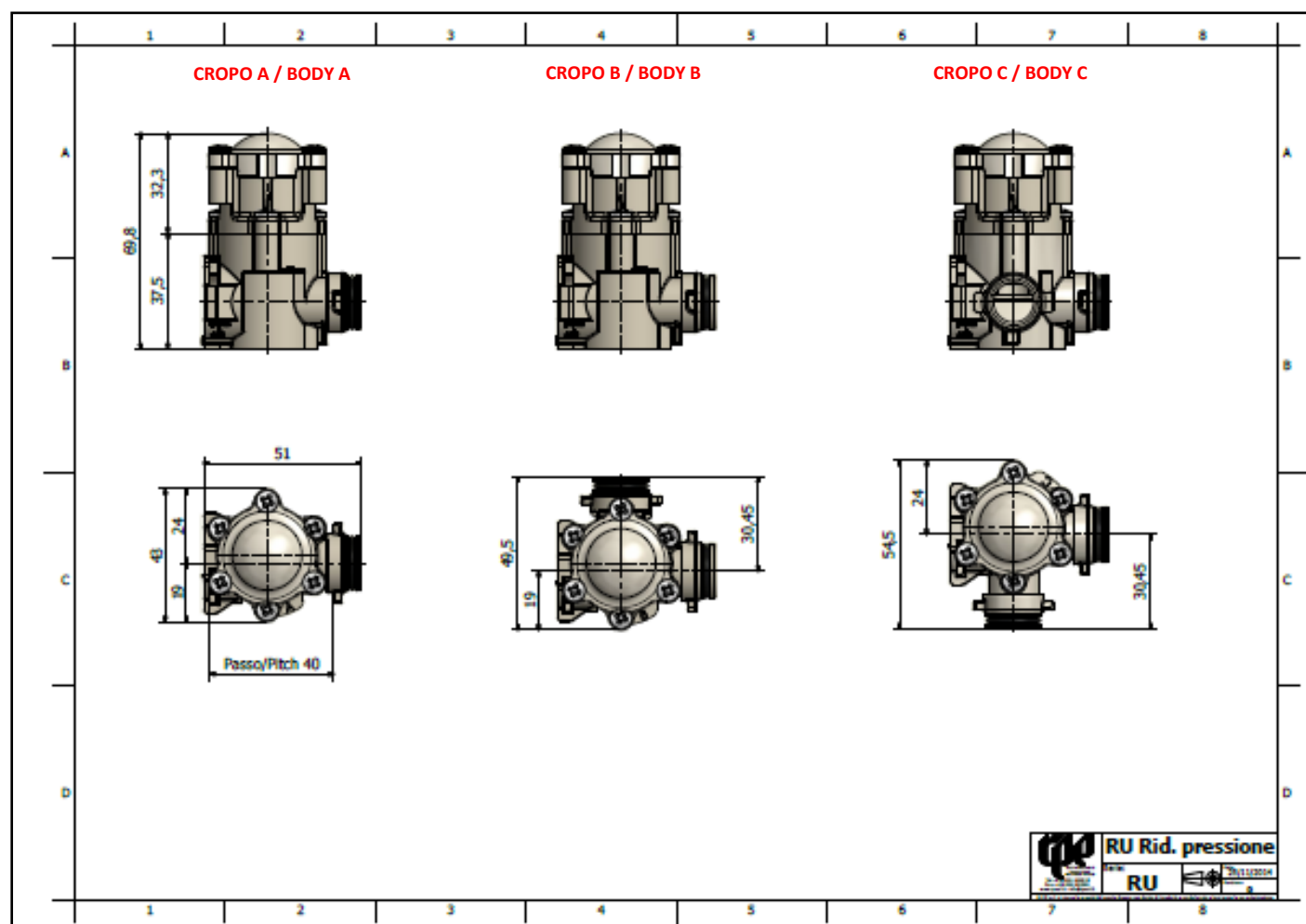
### *RU Pressure restrictor*

Cod.: **4TDS103**

Rev.: **0**

Data: **25/11/2014**

DISEGNO DIMENSIONALE  
*DIMENSIONAL DRAWING*





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#### CLASSIFICAZIONE

**Tipologia** Singola

#### CARATTERISTICHE DI LAVORO

**Pressione massima ingresso** 10 bar  
**Temperatura ambiente** 0 ÷ 60° C  
**Temperatura fluido** 0 ÷ 25° C  
**Direzione del fluido** Unidirezionale  
**Diametro di passaggio** Ø 5

#### CARATTERISTICHE FISICHE

**Corpo valvola** PA 66 FV 30%  
**Guarnizione e Or** NBR, Silicone  
**Membrana** EPDM + supporto tessile  
**Molla** Acciaio Inox  
**Assemblaggio** Con viti

#### CONNESSIONI IDRAULICHE

**Connessioni in ingresso** Connessione rapida Femmina (std RPE)  
**Connessioni in uscita** Connessione rapida Maschio (std RPE)

#### INSTALLAZIONE

Il riduttore può essere montata in qualsiasi posizione senza comprometterne il funzionamento.

#### CORPI VALVOLA DISPONIBILI

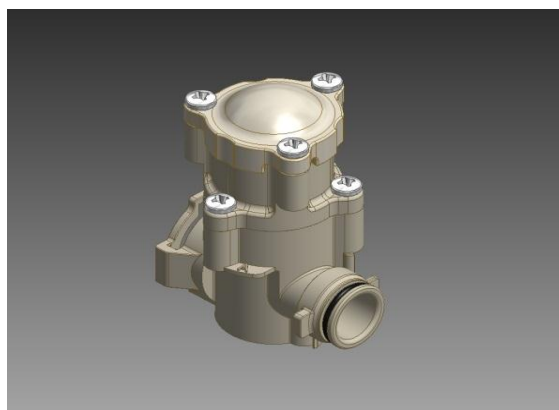
Corpo A - B - C.

#### APPLICAZIONI

Ovunque necessiti una pressione costante di utilizzo.

Serie R Universale - R Universal Series

## RU Riduttore di Pressione / RU Pressure Restrictor



#### CLASSIFICATION

**Type** Single

#### WORKING SPECIFICATIONS

**Max working pressure** 10 bar  
**Room temperature** 0 ÷ 60° C  
**Fluid temperature** 0 ÷ 25° C  
**Flow direction** Unidirectional  
**Rated diameter** Ø 5

#### PHYSICAL SPECIFICATIONS

**Valve body** PA 66 GF 30%  
**Sealing and Or** NBR, Silicone  
**Diaphragm** EPDM + textile coupled  
**Spring** Stainless steel  
**Assembly** With screws

#### HYDRAULIC CONNECTIONS

**Inlet connections** Quick connector Female (std RPE)  
**Outlet connections** Quick connector Male (std RPE)

#### INSTALLATION

The pressure restrictor can be mounted in any position without affecting operation.

#### AVAILABLE VALVE BODY

Body A - B - C.

#### APPLICATIONS

Any application that needs a constant work pressure.

#### MARCHI E APPROVAZIONI / CERTIFICATION MARKS

Tutti materiali RPE con approvazioni alimentari.

All RPE materials with alimentary approvals.



# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

## RU Riduttore di pressione

Rev.: **0**

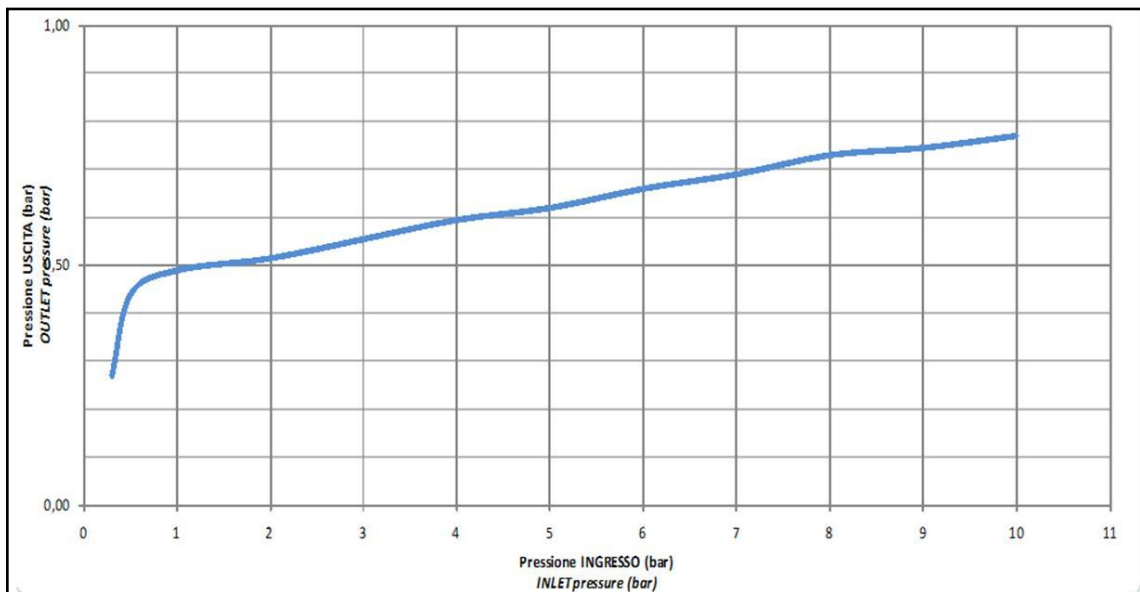
*RU Pressure restrictor*

Data: **25/11/2014**

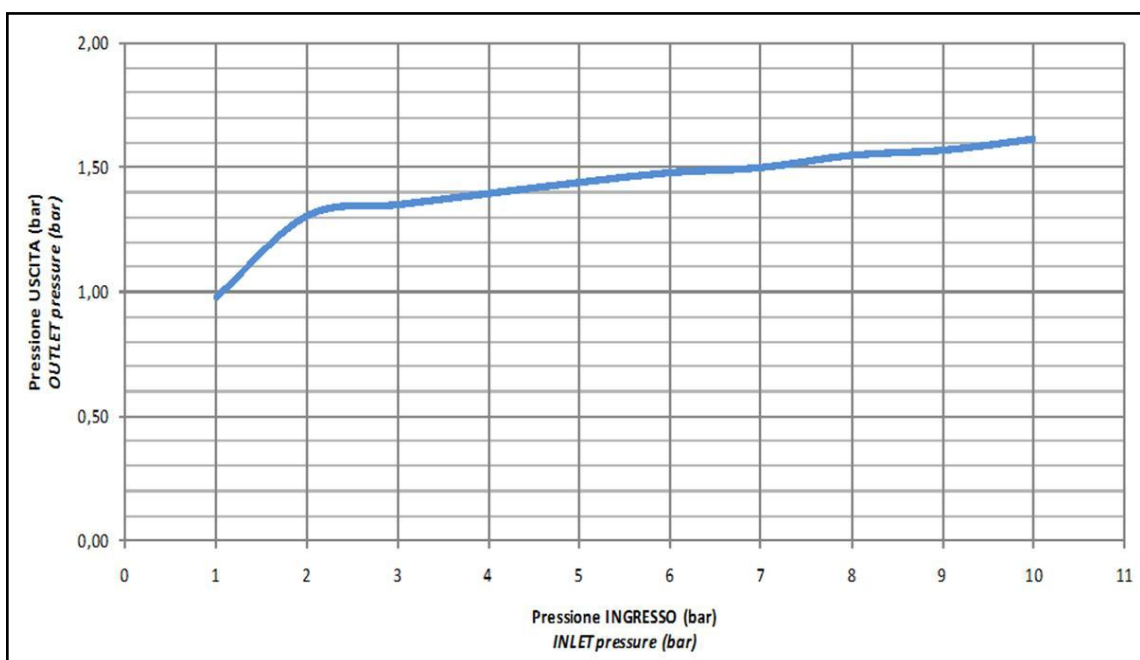
### CURVE DI REGOLAZIONE

#### REGULATION CURVES

**Riduttore 0,5 Bar**  
*0,5 Bar restrictor*



**Riduttore 1,2 Bar**  
*1,2 Bar restrictor*







# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

## RU Riduttore di pressione

Rev.: **0**

*RU Pressure restrictor*

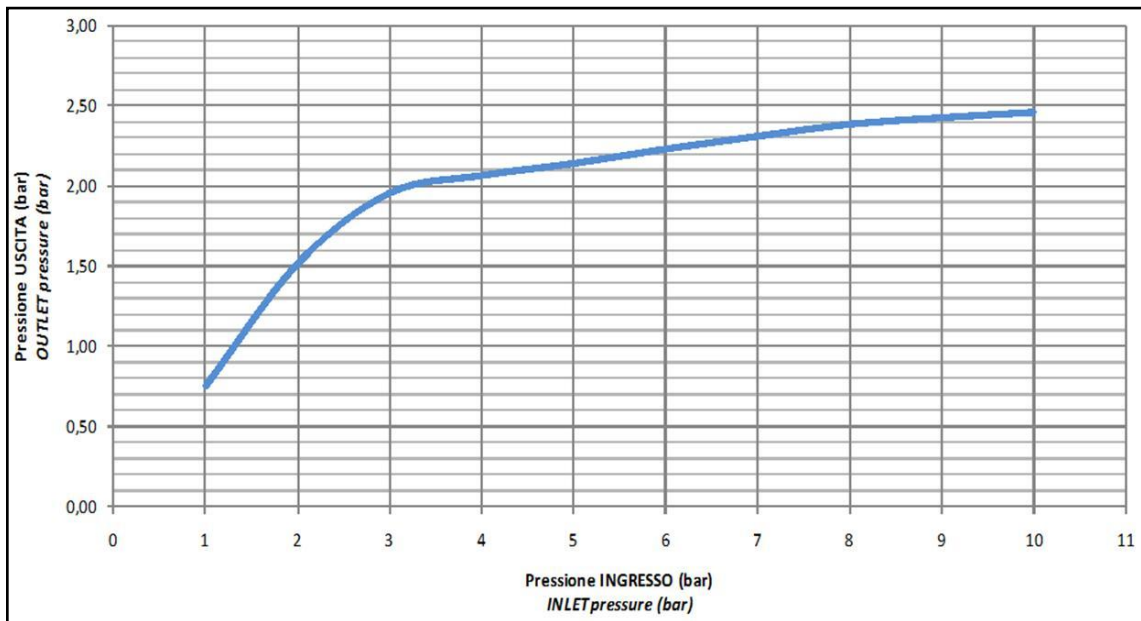
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### CURVE DI REGOLAZIONE

#### REGULATION CURVES

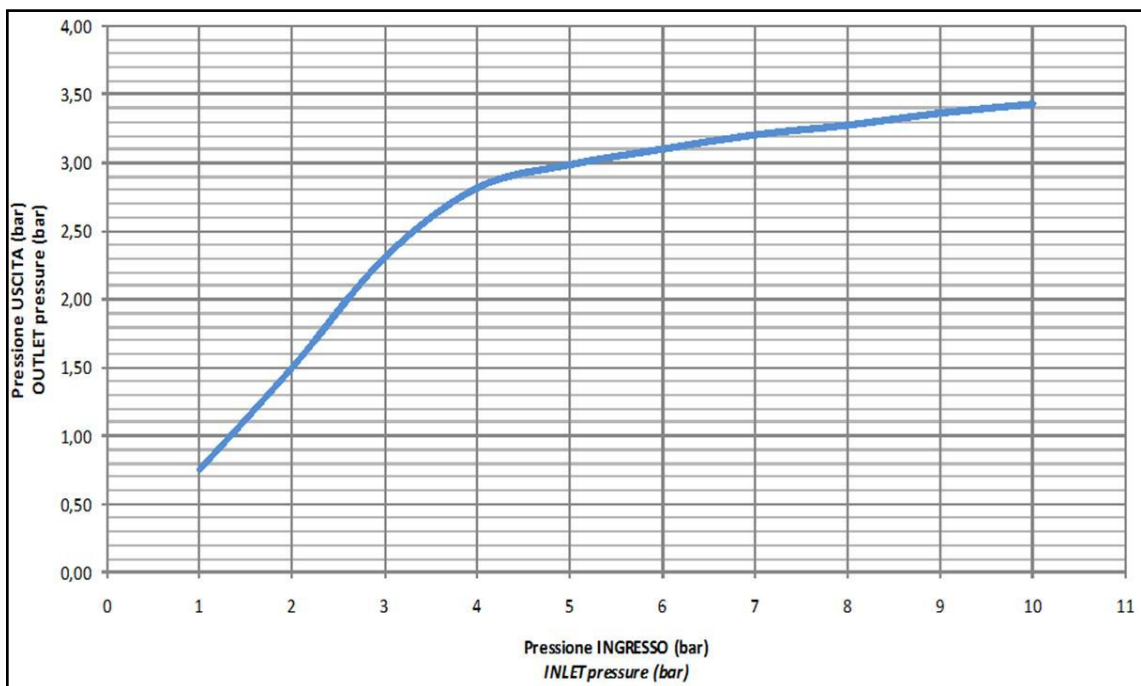
##### Riduttore 2,0 Bar

*2,0 Bar restrictor*



##### Riduttore 3,0 Bar

*3,0 Bar restrictor*





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

## RU Riduttore di pressione

Rev.: **0**

*RU Pressure restrictor*

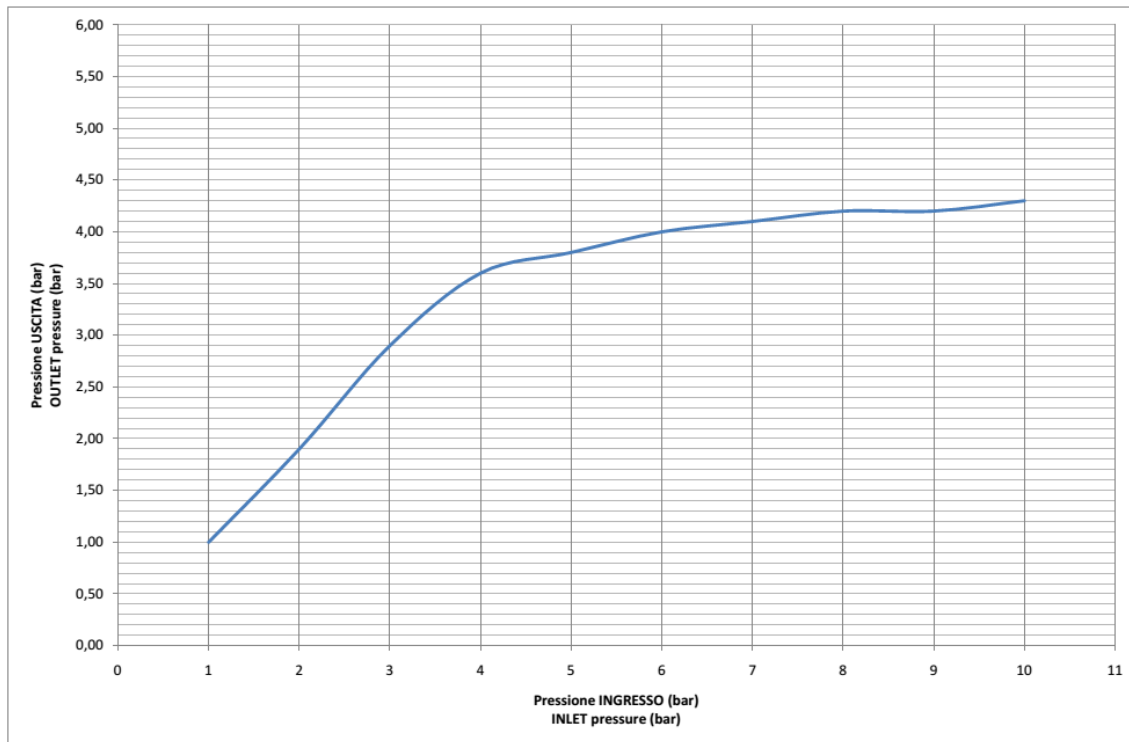
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### CURVE DI REGOLAZIONE

#### *REGULATION CURVES*

**Riduttore 4,0 Bar**

*4,0 Bar restrictor*





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

Cod.: **4TDS103**

**RU Riduttore di pressione**

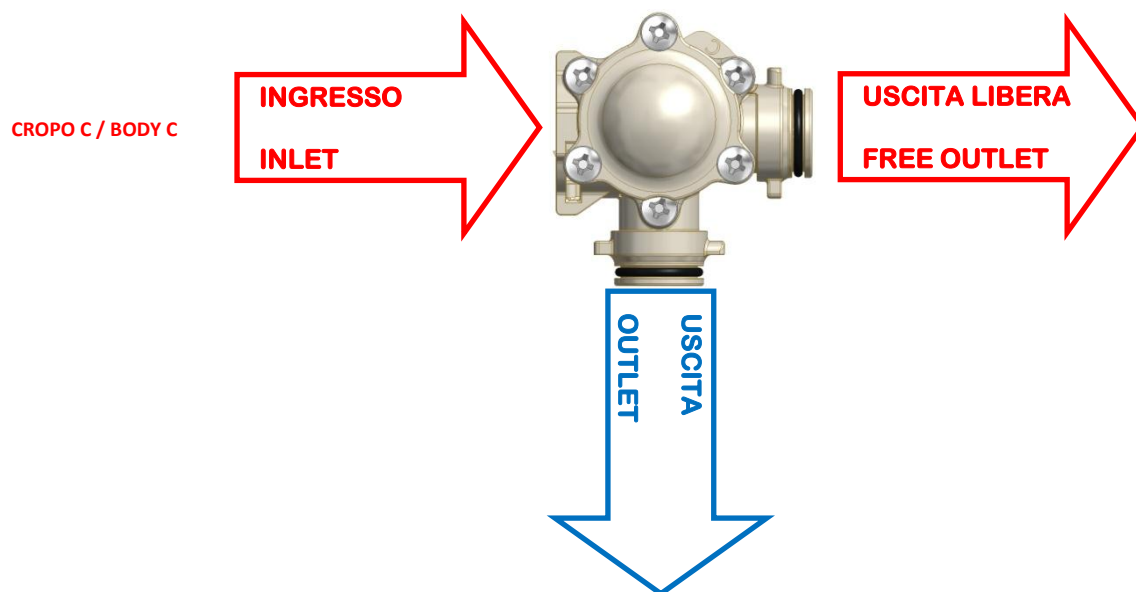
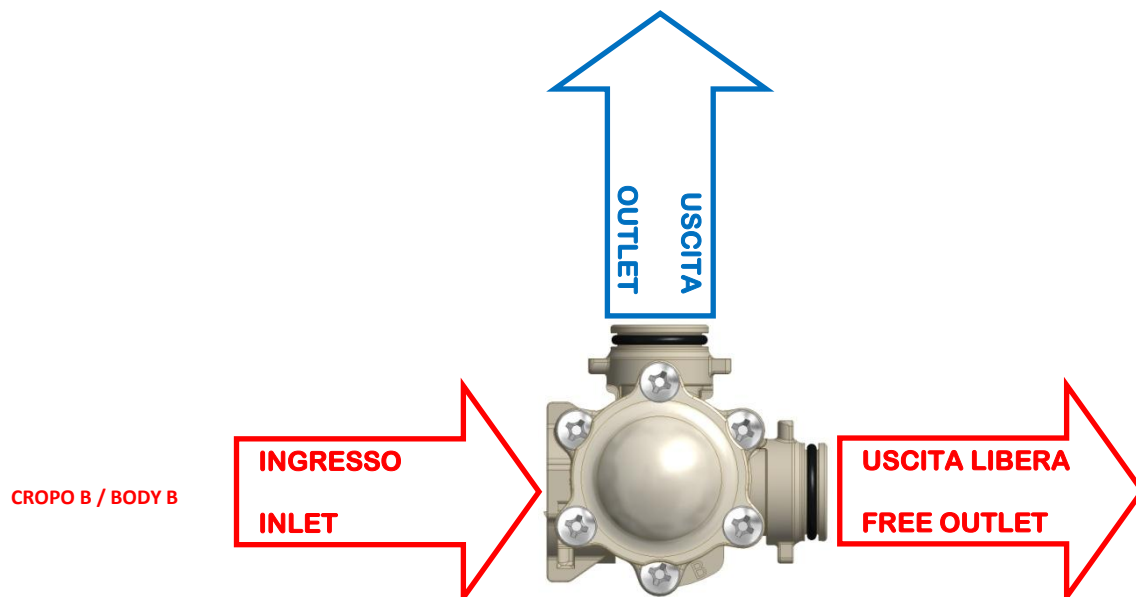
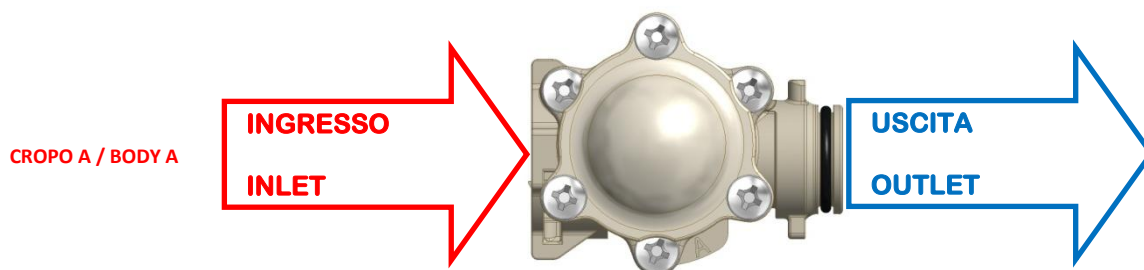
Rev.: **0**

*RU Pressure restrictor*

Data: **25/11/2014**

## SCHEMA DI FUNZIONAMENTO

### WORKING SCHEME





# SCHEDA TECNICA *TECHNICAL DATA SHEET*

**RU Riduttore di pressione**

*RU Pressure restrictor*

Cod.: **4TDS103**

Rev.: **0**

Data: **25/11/2014**

## DISEGNO DIMENSIONALE *DIMENSIONAL DRAWING*

