

# REGOLATORI ALFA 60

REGULATOR - DÉTENDEUR


**ISPEL 0100**  
 modulo H - H1  
 Garanzia di Qualità Totale

**PED**  
 Pressure  
 Equipment  
 Directive

Colore Color Couleur	Prestazioni - Performance - Performances		Cod.
	Entrata - Inlet - Entrée	Uscita - Out - Sortie	
<b>BP</b>	<b>0,5 ÷ 5 bar</b>	<b>16 ÷ 320 mbar</b> con molle diverse with various springs avec ressorts divers	<b>2.51.10</b>
<b>MP</b>	<b>0,5 ÷ 5 bar</b>	<b>0,2 ÷ 1 bar</b> con molle diverse with various springs avec ressorts divers	<b>2.51.12</b>
<b>AP</b>	<b>max 18 bar</b>	<b>0,8 ÷ 4 bar</b> con molle diverse with various springs avec ressorts divers	<b>2.51.15</b>

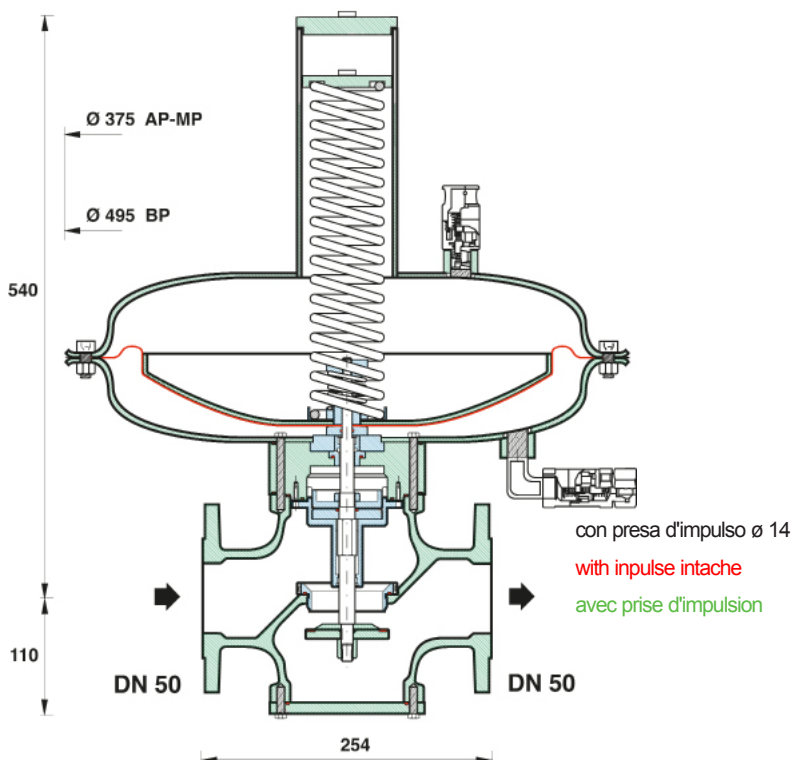
**COPRIM ITALY**

**VALVOLA DI BLOCCO**  
**SHUT OFF VALVE**  
**VALVE DE SECURITÉ**

La valvola di blocco non può essere installata successivamente.

Shut of valve can't be installed later.

La valve de securité ne peut pas être installée successivement.



Adatto per l'impiego di gas non corrosivi: METANO, GPL, AZOTO...

Suitable for use of not corrosive gases  
METHANE, LPG, NITROGEN...

Apte pour l'emploi de gaz pas corrosifs: METHANE, GPL, AZOTE...

Esecuzioni speciali per:

Special execution for:  
Exécutions spéciales pour:

BIOGAS, OXIGEN, AMMONIA

**SG 10% RG fino a 5**

**REGOLATORE AD AZIONE DIRETTA BILANCIATO**

Direct action control balanced

Régulation à l'action directe balancée

**CARATTERISTICHE:**

- Peso: 45 Kg
- Corpo: GS 400
- Testata in acciaio
- Tenuta in gomma nitrilica NBR o HNBR
- Membrane in tessuto gommato sandwich
- Temperatura : - 20 +60 °C

**FEATURES:**

- Weight: 45 Kg
- Body: GS 400
- Steel heading.
- Seal nitrile rubber
- Diaphragm rubberized canvas
- Work temperature: -20 +60 °C

**CARACTERISTIQUES:**

- Poids: 45 Kg
- Corps: GS 400
- Tete en acier
- Sceau en gomme nitrilique
- Membranes en tissu gommé sandwich
- Temperature: -20 +60 °C

# PORTATE METANO RIDUTTORE ALFA 60 Natural gas flow rates Débit de méthane

- I valori riportati in rosso sono quelli consigliati.  
Per ottenere le portate in Kg/h di GPL moltiplicare i valori riportati in rosso x 1.42.  
Per gruppi di riduzione a servizio reti si può arrivare a considerare le portate indicate in nero.
- The red indicated values are suggested.  
To have LPG flow rates you must multiply the values on the tables x 1.42.  
For reduction groups in networks service, the black indicated flow rates may be considered.
- Les valeurs indiquées en rouge sont suggérées.  
Pour obtenir les débits en Kg/h de GPL, multiplier les valeurs rapportées dans la fiche x 1.42.  
Pour les groupes de réduction à service réseaux on peut considérer le débits indiquées en noir.

Press. uscita -mbar- Outlet press.	Bassa pressione BP - entrata (bar)				low pressure basse pression		inlet pressure pression d'entre	
	0.2	0.3	0.5	1	1.5	2	3 - 4	
<b>25</b>	<b>583</b> 757	<b>730</b> 949	<b>965</b> 1254	<b>1435</b> 1865	<b>1564</b> 2034	<b>1564</b> 2034	<b>1564</b> 2034	
<b>50</b>	<b>546</b> 709	<b>705</b> 916	<b>950</b> 1235	<b>1427</b> 1855	<b>1603</b> 2084	<b>1603</b> 2084	<b>1603</b> 2084	
<b>100</b>	<b>457</b> 594	<b>645</b> 838	<b>915</b> 1189	<b>1412</b> 1835	<b>1679</b> 2183	<b>1679</b> 2183	<b>1679</b> 2183	
<b>150</b>	<b>331</b> 430	<b>570</b> 741	<b>875</b> 1137	<b>1395</b> 1813	<b>1755</b> 2282	<b>1755</b> 2282	<b>1755</b> 2282	
<b>200</b>		<b>477</b> 620	<b>826</b> 1073	<b>1375</b> 1787	<b>1812</b> 2355	<b>1832</b> 2381	<b>1832</b> 2381	
<b>300</b>			<b>700</b> 910	<b>1325</b> 1722	<b>1788</b> 2324	<b>1984</b> 2580	<b>1984</b> 2580	

Press. uscita -bar- Outlet press.	Media pressione MP - entrata (bar)				medium pressure moyenne pression		inlet pressure pression d'entre	
	0.3	0.5	1	1.5	2	3	4 - 8	
<b>0.2</b>	<b>477</b> 620	<b>826</b> 1073	<b>1375</b> 1787	<b>1812</b> 2355	<b>1832</b> 2381	<b>1832</b> 2381	<b>1832</b> 2381	
<b>0.3</b>		<b>702</b> 912	<b>1328</b> 1726	<b>1788</b> 2324	<b>1984</b> 2580	<b>1984</b> 2580	<b>1984</b> 2580	
<b>0.5</b>			<b>1194</b> 1552	<b>1719</b> 2234	<b>2161</b> 2809	<b>2290</b> 2977	<b>2290</b> 2977	
<b>0.7</b>			<b>983</b> 1277	<b>1617</b> 2102	<b>2101</b> 2131	<b>2595</b> 3374	<b>2595</b> 3374	
<b>1</b>				<b>1376</b> 1788	<b>1964</b> 2553	<b>2881</b> 3745	<b>3053</b> 3969	

Press. uscita -bar- Outlet press.	Alta pressione AP - entrata (bar)				high pressure haute pression		inlet pressure pression d'entre	
	2	3	4	5	8	10	12 - 18	
<b>0.8</b>	<b>2161</b> 2809	<b>2290</b> 2977	<b>2290</b> 2977	<b>2290</b> 2977	<b>2290</b> 2977	<b>2290</b> 2977	<b>2290</b> 2977	
<b>1</b>	<b>1964</b> 2553	<b>2718</b> 3533	<b>3053</b> 3969	<b>3053</b> 3969	<b>3053</b> 3969	<b>3053</b> 3969	<b>3053</b> 3969	
<b>1.5</b>	<b>1539</b> 2000	<b>2706</b> 3517	<b>3602</b> 4682	<b>3817</b> 4962	<b>3817</b> 4962	<b>3817</b> 4962	<b>3817</b> 4962	
<b>2</b>		<b>2389</b> 3105	<b>3438</b> 4469	<b>4322</b> 5518	<b>4590</b> 5954	<b>4590</b> 5954	<b>4590</b> 5954	
<b>3</b>			<b>2733</b> 3578	<b>3929</b> 5107	<b>6107</b> 7939	<b>6107</b> 7939	<b>6107</b> 7939	
<b>4</b>				<b>3078</b> 4001	<b>6339</b> 8240	<b>7634</b> 9924	<b>7634</b> 9924	

# REGOLATORI

# ALFA 80

REGULATOR - DÉTENDEUR

ISPEL 0100  
modulo H - H 1  
Garanzia di Qualità Totale

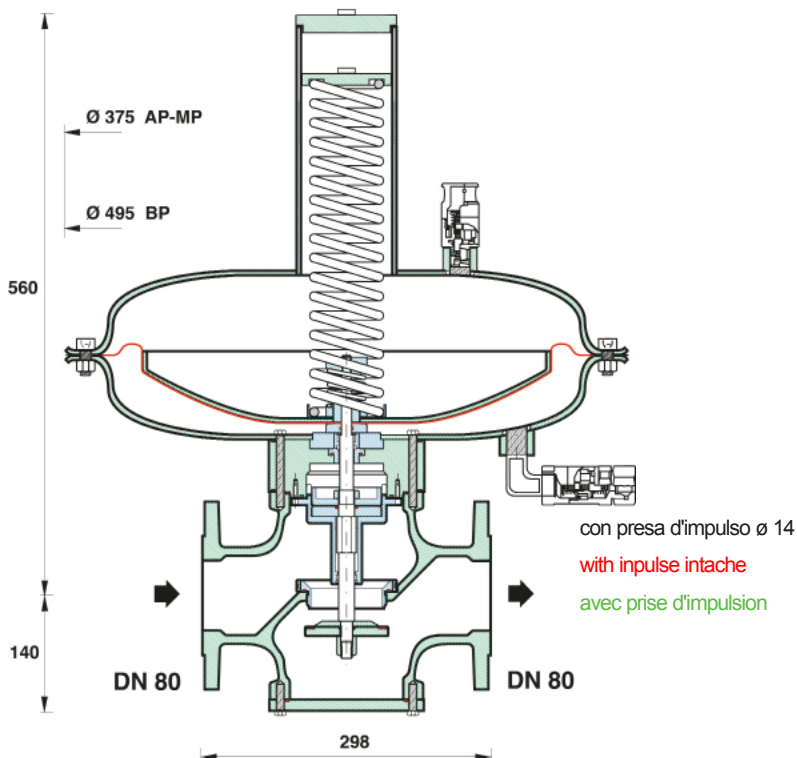
PED  
Pressure  
Equipment  
Directive

Colore Color Couleur	Prestazioni - Performance - Performances		Cod.
	Entrata - Inlet - Entrée	Uscita - Out - Sortie	
<b>BP</b>	0,5 ÷ 5 bar	16 ÷ 320 mbar con molle diverse with various springs avec ressorts divers	2.53.10
<b>MP</b>	0,5 ÷ 5 bar	0,2 ÷ 1 bar con molle diverse with various springs avec ressorts divers	2.53.12
<b>AP</b>	max 18 bar	0,8 ÷ 4 bar con molle diverse with various springs avec ressorts divers	2.53.15

**COPRIM ITALY**

**VALVOLA DI BLOCCO**  
SHUT OFF VALVE  
VALVE DE SECURITÉ

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**SG 10% RG fino a 5**

**REGOLATORE AD AZIONE DIRETTA BILANCIATO**

Direct action control balanced  
Régulation à l'action directe balancée

## CARATTERISTICHE:

- Peso: 58 Kg
- Corpo: GS 400
- Testata in acciaio
- Tenuta in gomma nitrilica NBR o HNBR
- Membrane in tessuto gommato sandwich
- Temperatura : - 20 +60 °C

## FEATURES:

- Weight: 58 Kg
- Body: GS 400
- Steel heading.
- Seal nitrile rubber
- Diaphragm rubberized canvas
- Work temperature: -20 +60 °C

## CARACTERISTIQUES:

- Poids: 58 Kg
- Corps: GS 400
- Tete en acier
- Sceau en gomme nitrilique
- Membranes en tissu gommé sandwich
- Temperature: -20 +60 °C

# PORTATE METANO RIDUTTORE ALFA 80 Natural gas flow rates Débit de méthane

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Per ottenere le portate in Kg/h di GPL moltiplicare i valori riportati in rosso x 1.42.  
Per gruppi di riduzione a servizio reti si può arrivare a considerare le portate indicate in nero.
- The red indicated values are suggested.  
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- Les valeurs indiquées en rouge sont suggérées.  
Pour obtenir les débits en Kg/h de GPL, multiplier les valeurs rapportées dans la fiche x 1.42.  
Pour les groupes de réduction à service réseaux on peut considérer le débits indiquées en noir.

Press. uscita -mbar- Outlet press.	Bassa pressione BP - entrata (bar)					low pressure basse pression		inlet pressure pression d'entre	
	0.2	0.3	0.5	1	1.5	2	3	4 - 5	
<b>25</b>	<b>886</b> 1151	<b>1111</b> 1444	<b>1470</b> 1911	<b>2179</b> 2832	<b>2782</b> 3616	<b>2782</b> 3616	<b>2782</b> 3616	<b>2782</b> 3616	<b>2782</b> 3616
<b>50</b>	<b>830</b> 1079	<b>1071</b> 1392	<b>1445</b> 1878	<b>2169</b> 2819	<b>2794</b> 3632	<b>2850</b> 3705	<b>2850</b> 3705	<b>2850</b> 3705	<b>2850</b> 3705
<b>100</b>	<b>695</b> 903	<b>981</b> 1275	<b>1391</b> 1808	<b>2146</b> 2789	<b>2783</b> 3617	<b>2985</b> 3881	<b>2985</b> 3881	<b>2985</b> 3881	<b>2985</b> 3881
<b>150</b>	<b>503</b> 653	<b>869</b> 1129	<b>1328</b> 1726	<b>2119</b> 2754	<b>2769</b> 3599	<b>3121</b> 4057	<b>3121</b> 4057	<b>3121</b> 4057	<b>3121</b> 4057
<b>200</b>		<b>726</b> 943	<b>1255</b> 1631	<b>2089</b> 2715	<b>2754</b> 3580	<b>3257</b> 4234	<b>3257</b> 4234	<b>3257</b> 4234	<b>3257</b> 4234
<b>300</b>			<b>1066</b> 1385	<b>2017</b> 2622	<b>2717</b> 3532	<b>3344</b> 4347	<b>3528</b> 4587	<b>3528</b> 4587	<b>3528</b> 4587

Press. uscita -bar- Outlet press.	Media pressione MP - entrata (bar)				medium pressure moyenne pression		inlet pressure pression d'entre	
	0.3	0.5	1	1.5	2	3	4 - 8	
<b>0.2</b>	<b>726</b> 943	<b>1255</b> 1631	<b>2089</b> 2715	<b>2754</b> 3580	<b>3257</b> 4234	<b>3257</b> 4234	<b>3257</b> 4234	<b>3257</b> 4234
<b>0.3</b>		<b>1066</b> 1385	<b>2017</b> 2622	<b>2717</b> 3532	<b>3344</b> 4347	<b>3528</b> 4587	<b>3528</b> 4587	<b>3528</b> 4587
<b>0.5</b>			<b>1815</b> 2359	<b>2612</b> 3395	<b>3284</b> 4269	<b>4071</b> 5292	<b>4071</b> 5292	<b>4071</b> 5292
<b>0.7</b>			<b>1493</b> 1940	<b>2457</b> 3194	<b>3193</b> 4150	<b>4467</b> 5807	<b>4614</b> 5998	<b>4614</b> 5998
<b>1</b>				<b>2092</b> 2719	<b>2985</b> 3880	<b>4378</b> 5691	<b>5428</b> 7057	<b>5428</b> 7057

Press. uscita -bar- Outlet press.	Alta pressione AP - entrata (bar)				high pressure haute pression		inlet pressure pression d'entre	
	2	3	4	5	8	10	12 - 18	
<b>0.8</b>	<b>3284</b> 4269	<b>4071</b> 5292	<b>4071</b> 5292	<b>4071</b> 5292	<b>4071</b> 5292	<b>4071</b> 5292	<b>4071</b> 5292	<b>4071</b> 5292
<b>1</b>	<b>2985</b> 3880	<b>4378</b> 5691	<b>5428</b> 7057	<b>5428</b> 7057	<b>5428</b> 7057	<b>5428</b> 7057	<b>5428</b> 7057	<b>5428</b> 7057
<b>1.5</b>	<b>2338</b> 3039	<b>4111</b> 5344	<b>5473</b> 7114	<b>6711</b> 8724	<b>6785</b> 8821	<b>6785</b> 8821	<b>6785</b> 8821	<b>6785</b> 8821
<b>2</b>		<b>3630</b> 4719	<b>5224</b> 6791	<b>6568</b> 8538	<b>8143</b> 10585	<b>8143</b> 10585	<b>8143</b> 10585	<b>8143</b> 10585
<b>3</b>			<b>4184</b> 5439	<b>5970</b> 7761	<b>10009</b> 13011	<b>10857</b> 14114	<b>10857</b> 14114	<b>10857</b> 14114
<b>4</b>				<b>4677</b> 6080	<b>9632</b> 12521	<b>12204</b> 15865	<b>13357</b> 17643	<b>13357</b> 17643

# REGOLATORI

# ALFA 100

REGULATOR - DÉTENDEUR

COPRIM ITALY

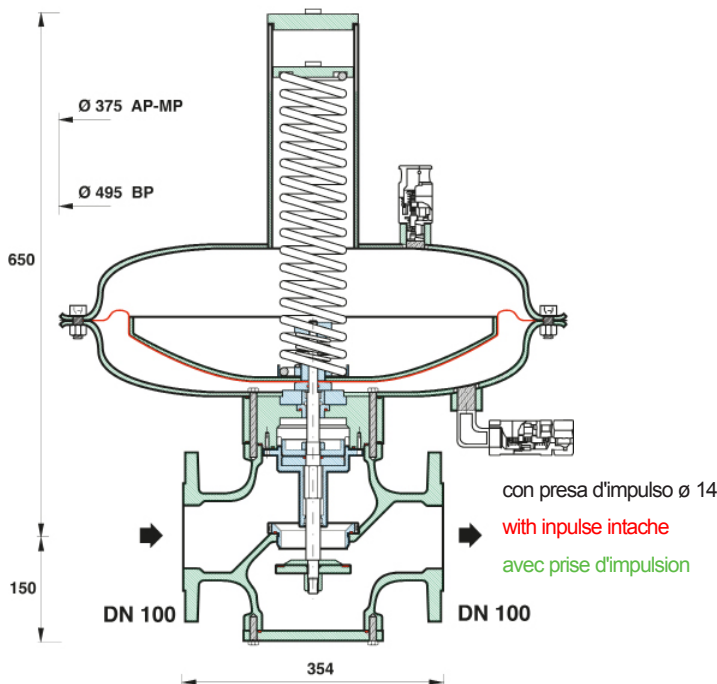

**ISPEL 0100**  
 modulo H - H 1  
 Garanzia di Qualità Totale

**PED**  
 Pressure  
 Equipment  
 Directive

Colore Color Couleur	Prestazioni - Performance - Performances		Cod.	Cod.
	Entrata - Inlet - Entrée	Uscita - Out - Sortie		
<b>BP</b>	<b>0,5 ÷ 5 bar</b>	<b>16 ÷ 320 mbar</b> con molle diverse with various springs avec ressorts divers	<b>2.54.10</b>	<b>2.54.20</b>
<b>MP</b>	<b>0,5 ÷ 5 bar</b>	<b>0,2 ÷ 1 bar</b> con molle diverse with various springs avec ressorts divers	<b>2.54.12</b>	<b>2.54.22</b>
<b>AP</b>	<b>max 18 bar</b>	<b>0,8 ÷ 4 bar</b> con molle diverse with various springs avec ressorts divers	<b>2.54.15</b>	<b>2.54.25</b>

**VALVOLA DI BLOCCO**  
**SHUT OFF VALVE**  
**VALVE DE SECURITÉ**

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Adatto per l'impiego di gas non corrosivi: METANO, GPL, AZOTO... Suitable for use of not corrosive gases <b>METHANE, LPG, NITROGEN...</b> Apte pour l'emploi de gaz pas corrosifs: METHANE, GPL, AZOTE...	Esecuzioni speciali per: <b>Special execution for:</b> <b>Exécutions spéciales pour:</b>  BIOGAS, OXIGEN, AMMONIA	<b>SG 10% RG fino a 5</b> <b>REGOLATORE AD AZIONE DIRETTA BILANCIATO</b> <b>Direct action control balanced</b> <b>Régulation à l'action directe balancée</b>
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## CARATTERISTICHE:

- Peso: 80 Kg
- Corpo: GS 400 oppure in acciaio
- Testata in acciaio
- Tenuta in gomma nitrilica NBR o HNBR
- Membrane in tessuto gommato sandwich
- Temperatura : - 20 +60 °C

## FEATURES:

- Weight: 80 Kg
- Body: GS 400 or steel
- Steel heading.
- Seal nitrile rubber
- Diaphragm rubberized canvas
- Work temperature: -20 +60 °C

## CARACTERISTIQUES:

- Poids: 80 Kg
- Corps: GS 400 ou acier
- Tete en acier
- Sceau en gomme nitrilique
- Membranes en tissu gommé sandwich
- Temperature: -20 +60 °C

# PORTATE METANO RIDUTTORE ALFA 100

Natural gas flow rates

Débit de méthane

- I valori riportati in rosso sono quelli consigliati.  
Per ottenere le portate in Kg/h di GPL moltiplicare i valori riportati in rosso x 1.42.  
Per gruppi di riduzione a servizio reti si può arrivare a considerare le portate indicate in nero.
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Pour les groupes de réduction à service réseaux on peut considérer le débits indiquées en noir.

Press. uscita -mbar- Outlet press.	Bassa pressione BP - entrata (bar)					low pressure basse pression		inlet pressure pression d'entre	
	0.2	0.3	0.5	1	1.5	2	3	4 - 5	
<b>25</b>	<b>1631</b> 2120	<b>2046</b> 2659	<b>2707</b> 3519	<b>4014</b> 5218	<b>5156</b> 6702	<b>5796</b> 6237	<b>5796</b> 7534	<b>5796</b> 7534	
<b>50</b>	<b>1529</b> 1987	<b>1974</b> 2566	<b>2662</b> 3460	<b>3995</b> 5193	<b>5147</b> 6691	<b>5937</b> 6234	<b>5937</b> 7718	<b>5937</b> 7718	
<b>100</b>	<b>1280</b> 1664	<b>1807</b> 2349	<b>2563</b> 3331	<b>3952</b> 5137	<b>5126</b> 6663	<b>6220</b> 6224	<b>6220</b> 8086	<b>6220</b> 8086	
<b>150</b>	<b>927</b> 1205	<b>1601</b> 2081	<b>2447</b> 3181	<b>3904</b> 5075	<b>5101</b> 6631	<b>6212</b> 6224	<b>6503</b> 8331	<b>6503</b> 8453	
<b>200</b>		<b>1337</b> 1738	<b>2312</b> 3005	<b>3848</b> 5002	<b>5073</b> 6594	<b>6197</b> 6224	<b>6785</b> 8331	<b>6785</b> 8820	
<b>300</b>			<b>1965</b> 2554	<b>3716</b> 4830	<b>5004</b> 6505	<b>6160</b> 6224	<b>7351</b> 8325	<b>7351</b> 9556	

Press. uscita -bar- Outlet press.	Media pressione MP - entrata (bar)					medium pressure moyenne pression		inlet pressure pression d'entre	
	0.3	0.5	1	1.5	2	3	4	5 - 6	
<b>0.2</b>	<b>1337</b> 1738	<b>2312</b> 3005	<b>3848</b> 5002	<b>5073</b> 6594	<b>6197</b> 8056	<b>6785</b> 8331	<b>6785</b> 8820	<b>6785</b> 8820	
<b>0.3</b>		<b>1965</b> 2554	<b>3716</b> 4830	<b>5004</b> 6505	<b>6160</b> 8008	<b>7351</b> 8325	<b>7351</b> 9556	<b>7351</b> 9556	
<b>0.5</b>			<b>3343</b> 4345	<b>4811</b> 6254	<b>6049</b> 7863	<b>8291</b> 8325	<b>8482</b> 10414	<b>8482</b> 11026	
<b>0.7</b>			<b>2751</b> 3576	<b>4526</b> 5883	<b>5881</b> 7645	<b>8227</b> 8325	<b>9613</b> 10397	<b>9613</b> 12496	
<b>1</b>				<b>3853</b> 5008	<b>5498</b> 7147	<b>8065</b> 8325	<b>10329</b> 10397	<b>11309</b> 12496	

Press. uscita -bar- Outlet press.	Alta pressione AP - entrata (bar)					high pressure haute pression		inlet pressure pression d'entre	
	2	3	4	5	8	10 - 18			
<b>0.8</b>	<b>6049</b> 7863	<b>8291</b> 10778	<b>8482</b> 10414	<b>8482</b> 11026	<b>8482</b> 11026	<b>8482</b> 11026			
<b>1</b>	<b>5498</b> 7147	<b>8065</b> 10484	<b>10329</b> 13427	<b>11309</b> 12482	<b>11309</b> 14701	<b>11309</b> 14701			
<b>1.5</b>	<b>4307</b> 5599	<b>7573</b> 9844	<b>10081</b> 13105	<b>12361</b> 12482	<b>14137</b> 18378	<b>14137</b> 18378			
<b>2</b>		<b>6686</b> 8691	<b>9622</b> 12508	<b>12098</b> 12482	<b>16964</b> 18378	<b>16964</b> 22053			
<b>3</b>			<b>7707</b> 10091	<b>10996</b> 12482	<b>18436</b> 23966	<b>22619</b> 29405			
<b>4</b>				<b>8614</b> 11198	<b>17741</b> 23063	<b>22478</b> 29405			