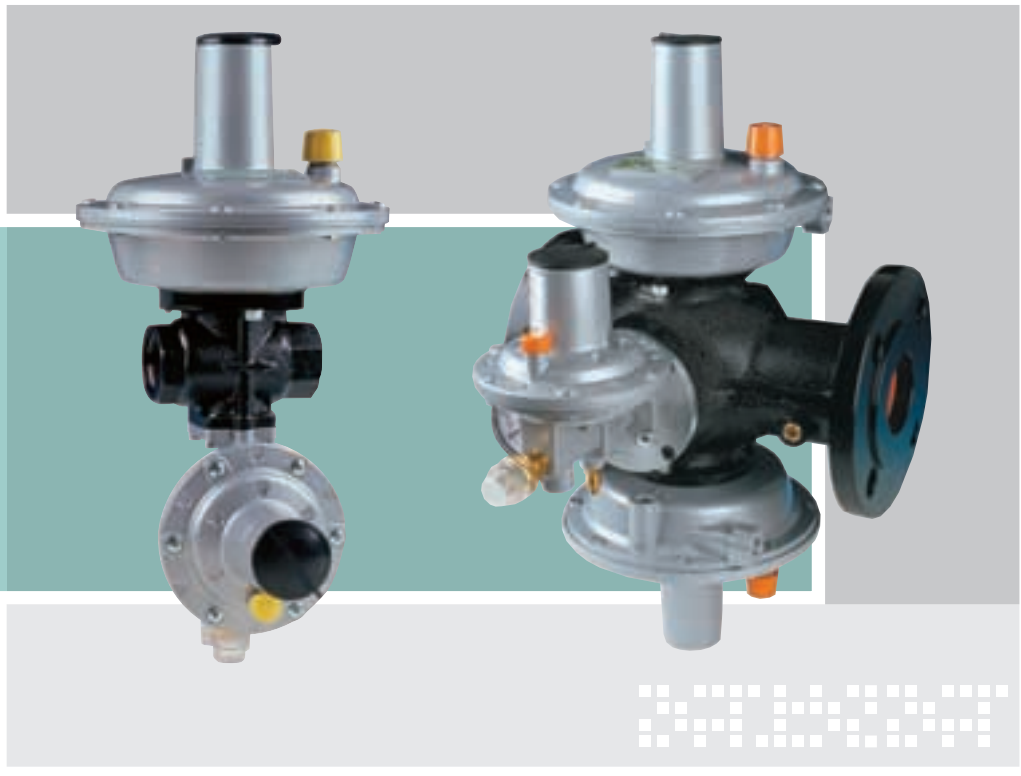
Dival 507-512 - 520-522



HCBLMQRSNÙMTă
PCESJéRMPRJ?IS
NPMLôXIM+QRÆCBM?+
TWQMIMRJ?Ið?NJGI?AC
QTWTéąCLMS ISąCJIMS

QGLEJC QR?EC
JMU-KCBGSK-FGEF
NPCQQSPC QCJD+BPGTCL
PCESJ?RMPQ UGRF
@?J?LACB M@RSP?RMP

Pietro Fiorentini®

Mod. DIVAL 507-512 - 520-522

DIVAL 507 **QR?LB?PBLô NPMTCBCLô Q ?@P**
DIVAL 507 STANDARD WITH SHUT-OFF DEVICE

BGT?J 3/0 QR?LB?PBLô NPMTCBCLô Q ?@P
DIVAL 512 STANDARD WITH SHUT-OFF DEVICE

BGT?J 3.5 QR?LB?PBLô NPMTCBCLô

BGT?J 3/0 QR?LB?PBLô NPMTCBCLô

BGT?J 3.5 NPMTCBCLô Q MRM$LăKô NÆôPS@?KG ? ?@P
DIVAL 507 STANDARD WITH SHUT-OFF DEVICE AND SLIDING FLANGES

BGT?J 300 QRB Q ?@P ? KMLGRMPCK
DIVAL 522 STD WITH SHUT-OFF DEVICE

BGT?J 300 Q ?@P ? KMLGRMPCK ? K?LMKCRPCK L? TQRSNS ? TăQRSNS
DIVAL 522 WITH SHUT-OFF DEVICE AND INLET AND OUTLET MANOMETER

BGT?J 300 QRB @CX@CXNC$,PWAFJMSXéTŹPS
DIVAL 522 STD WITHOUT SHUT-OFF

BGT?J 30. PCESJéRMP Q@CXNC$LMQRLôK PWAFJMSXéTŹPCK
DIVAL 520 WITH SHUT-OFF AND ONE DEVICE OF REGULATION

TQRSNLô RJ? I
INLET PRESSURE

TäQRSNLô RJ? I
DELIVERY PRESSURE

fig. A

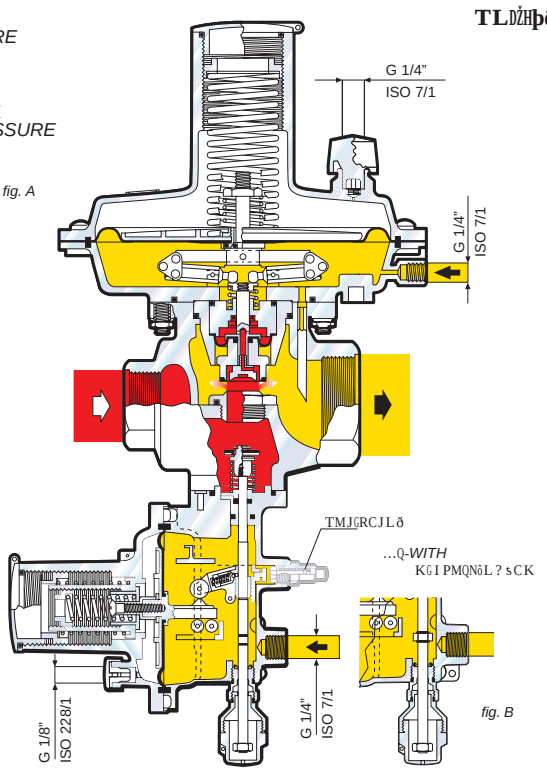


fig. B

TLDŽHþô PMXKDŽPW - OVERALL *DIMENSIONS* - DIVAL *507-512*

fig. C

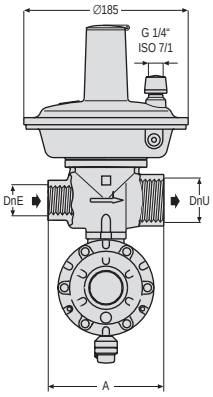
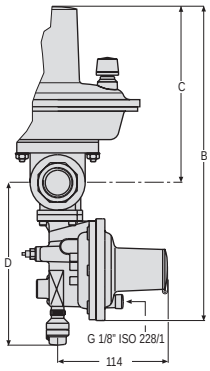


fig. D

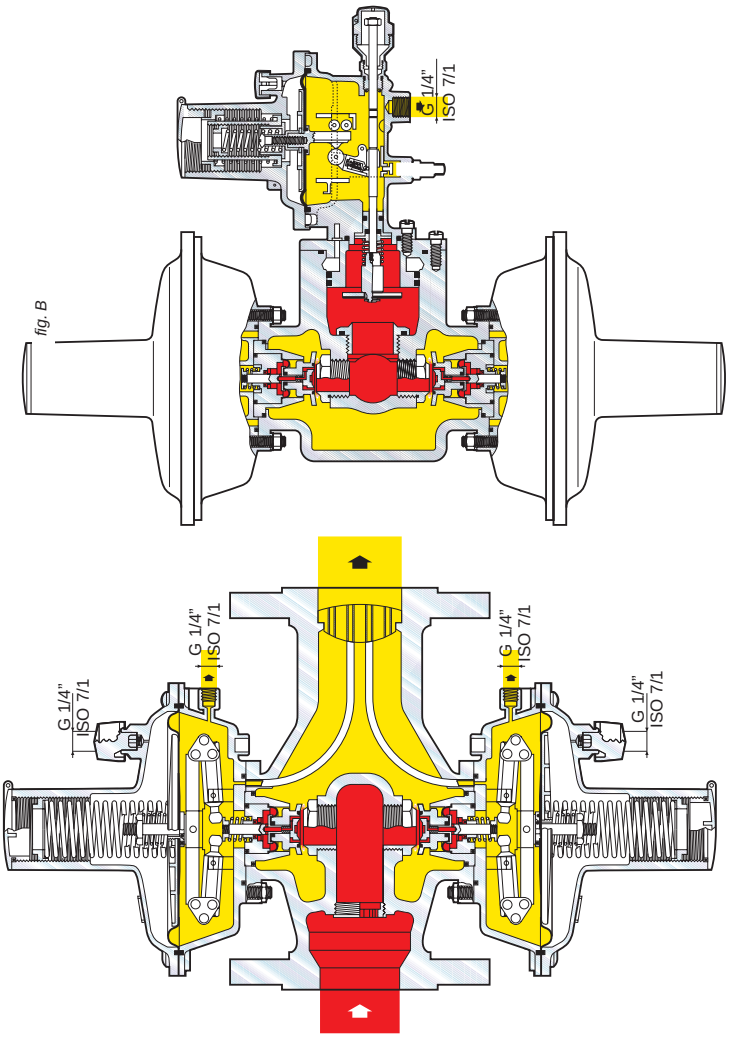


tab. 1

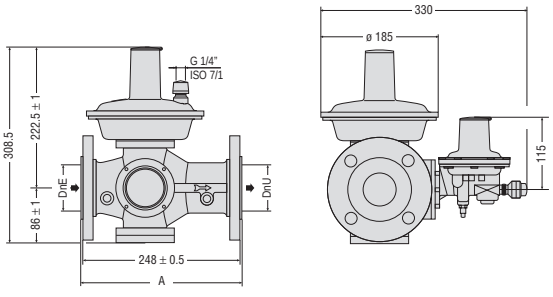
DIVAL 507		DIVAL 512	
A	100±1	**A**	130±1
B	347±1	**B**	335
C	192±1	**C**	193,5
D	183±1	**D**	188,5
DnE	1" ISO 7/1	**DnE**	1" ISO 7/1
DnU	1" ISO 7/1	**DnU**	1"1/2 ISO 7/1

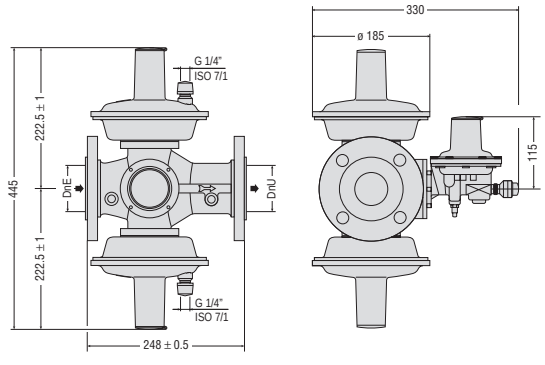
TLDŽHþô PMXKDŽPW - *OVERALL DIMENSIONS* - DIVAL *520-522*

fig. B



MATERIAL / *MATERIALS*
RÙJCQM / *BODY*
EN-GJS400-15 UNI EN 1563 (STANDARD / *STANDARD*)
ASTM A216WCB (A RICHIESTA / *FOR REQUEST*)
IPWRW / *COVERS*
G-AlSi13 EN AB 44100 - (STANDARD / *STANDARD*)
NMTPAFMTé ÿNP?T? / *UPERFICIAL TREAT ENTS*
RÙJCQM / *BODY* + COPERCHI / *COVERS*
NõQIMTéLô) DMQDéRMTéLô) NPéþIMTð J?IMTéLô
SANDBLASTING+PHOSPHATING+ DUST POLYURETHANE COATING





DIVAL 520-522		A
DnE/U	DN 50 PN 40	254 ±1.5
G 2"	ISO 7/1 F	304 ±1.5
2"	NPT F	304 ±1.5

L?QR?TMT?Aô NPSąGLW - *ADJUSTMENT SPRINGS*

Wh/NOP	
DIVAL BP	
COD.	ROZSAH **(mbar)** *RANGE (mbar)*
6447013700	15÷20
6447006800	20÷30
6447013900	30÷40
6447014000	40÷70
6447007100	70÷110

tab. 4

Wh/NOP	
DIVAL MP	
COD.	***ROZSAH*** **(mbar)** ***RANGE (mbar)***
6447007100	80÷110
6447014100	110÷180
6447014200	180÷300
DIVAL TR	
6447014300	300÷700
6447014400	700÷1100
6447014500	1100÷2000
6447015100	2000÷3000

tab. 5

NMHGQRLă TCLRGJ&BGDCPCLșLôRJ?I Nb'
DIFFERENTIAL RELIEF VALVE OPERATING PRESSURE COMPARISON THE NOMINAL OUTLET PRESSURE (Pd)

VERZE *VERSION*	**COD.**	**ROZSAH (mbar)** *RANGE (mbar)*
BP	**6447002400**	10÷18
	6447003100	18÷75
MP	**6447003800**	30÷100
TR	**6447003800**	50÷259
	6447004500	260÷700
	6447004600	700÷1000

tab. 1

L?QR?TMT?Aô NPSąGLW
ADJUSTMENT SPRINGS

Who / OPSO			
COD.	**ROZSAH (mbar) /** ***RANGE (mbar)***		
	BP	**MP**	**TR**
6447011200	30÷50		
6447011500	50÷180		
6447011500		140÷180	
6447011600		180÷280	
6447005100		280÷450	
6447011600			250÷550
6447015100			550÷850
6447005700			850÷1300
6447005800			1300÷2500
6447005900			2500÷4000
6447006000			4000÷5500

tab. 3

L?QR?TMT?Aô NPSąGLW
ADJUSTMENT SPRINGS

Whu / UPSO			
COD.	**ROZSAH (mbar) /** ***RANGE (mbar)***		
	BP	**MP**	**TR**
6447002400	6÷60		
6447002400		10÷60	
6447003800		60÷240	
6447003800			100÷500
6447004600			500÷2000
6447014900			2000÷3500

tab. 2

Mod. DIVAL

INTRODUZIONE

Regul§tory tlaku serie DIVAL jsou pŚmoļ inn® regul§tory Śzen® pruġinou s vyv§ġenou kuġelkou a pohybem dle rozdŽlu sil pŢsob²c²ch na membr§nu, vhodn® pro n²zko-stŚ©do-vysokotlak® aplikace.
Regul§tory a bezpeļ nostn² rychlouz§vŃry serie DIVAL jsou dod§v§ny s vesta-vŃnou impulsn² trubiļ kou a z§slepkou pro moġn® napojen² vnŃjġ² impulsn² trubiļ ky (odpov²daj²c² prŢtoky viz n§sleduj²c² strana) .
Regul§tory jsou urļ eny pro prŢmyslov® aplikace , obļ anskou vybavenost objektŢ a pro zemn² plyn, GPL a ostatn² neagresivn² plyny.
V dŢsledku unik§tn² konstrukce regul§tory dosahuj²:
- vysok®ho koeficientu prŢtoku
- vysok® pŚ©esnosti regulace i pŚ maxim§ln²m prŢtoku
- sn²ġen®ho uzav²rac²ho tlaku
- rychl® regulaļ n² odezvy
- ġ§dn® vnitŚn² netŃsnosti pŚ nulov®m odbŃru
- klasifikace regul§toru "pŚ poruġe OTEVŘ ENO"
- moġnost dodateļ n®ho zabudov§n² bezpeļ nostn²ho rychlouz§vŃru do jiġ instalovan®ho regul§toru bez nutnosti zmŃny st§vaj²c²ho potrubn²ho rozvodu.

INTRODUCTION

Pressure reguiators DIVAL series are spring loaded regulators with balanced plug, diaphragm command and contrast action by spring, suitabie for low, medium and high pressures.
Divals and shut-off device series regulators are supplied with internal sensine line. Both regulator and shut-off device are preset for connection to an external sensine line by the customer, related to flowrate diagram on next page.
They aro widely used either in civil or industriai plants, usino Natural gas or LPG or non corrosive gas.
Thanks to the concept of balanced plug to achiave a:
- high flow rate coefficient;
- high accuracy, even at maximum flow rates;
- reduced lock up pressure zone and lock up pressure;
- reduced response times;
- no internal leakage at nui flow rate;
- fail to open type;
- periodical maintenance without disassembling the body from pipings;
- possibility to incorporate the slam-shut (OPSO/UPSO) even on reguiators air-eady installed, withuot modifying the existing pipings.

ZĆKLADNĉTECHNICKÉ ÐDAJE

- Rozsah vstupn²ho tlaku bpu:
  BP: 0.5õ10 bar
  MP / TR: 0.5õ20 bar
- Max.povolenĨ tlak PS:
  BP: 10 bar
  MP / TR: 20 bar
- Rozsah vĨ stupn²ho tlaku Wd:
  BP: 15õ110 mbar
  MP: 80õ300 mbar
  TR: 300õ3000mbar
- Rozsah nastaven² bezpeļ nostn²ho rychlouz§vŃru:
  Wd OPSO BP 30õ180 mbar / MP140õ450 mbar / TR 250õ5500 mbar
  Wd UPSO BP 6õ60 mbar / MP 10õ240 mbar / TR 100õ3500 mbar
- TŚda pŚ©esnosti regulace vĨ stup.tlaku: AC 5/10/15%
- TŚda pŚ©esnosti uzav²rac²ho tlaku: SG Max 25%
- TŚda teploty : 2 (-20ÁC +60ÁC)

MAIN FEATURES

- *Inlet pressure range bpu:*
  BP: 0.5÷10 bar - bpu: 7.2÷145 Psi
  MP / TR: 0.5÷20 bar - bpu: 7.2÷290 Psi
- *Max allowable pressure PS:*
  BP: 10 bar - PS 145 Psi
  MP / TR: 20 bar - PS 290 Psi
- *Outlet pressure range Wd:*
  BP: 15÷110 mbar - BP: 0.21÷44.2" wc
  MP: 80÷300 mbar - MP: 32÷120.5" wc
  TR: 300÷3000 mbar - TR: 120.5÷1205.5" wc
- *Shut - off device setting range:*
  Wd OPSO BP 30÷180 mbar - Wd OPSO: 12÷72.3" wc
  Wd OPSO MP 40÷450 mbar - Wd OPSO: 56.2÷180.8" wc
  Wd OPSO TR 250÷5500 mbar - Wd OPSO: 100.4÷2210" wc
  Wd UPSO BP 6÷60 mbar - Wd UPSO: 2.4÷24.1" wc
  Wd UPSO MP 10÷240 mbar - Wd UPSO: 4.0÷96.4" wc
  Wd UPSO TR 100÷3500 mbar - Wd UPSO: 40.1÷1406.5" wc
- *Accuracy class: AC 5/10/15%*
- *Lock up pressure class: SG 25% Max*
- *Temperature class: 2 (-20°C +60°C) - (-4°F +140°F)*

BEZPEĻNOSTNĉZAŘÍZENÍA PŘÍSLUŠENSTVÍ

Bezpeļ nostn² rychlouz§vŃr na vzestup.
Bezpeļ nostn² rychlouz§vŃr na pokles..
Bezpeļ nostn² rychlouz§vŃr reaguj²c² na nedostateļ n® parametry plynu na vstupu.
Teplotn² pojistka.
Pojistnĩ ventil.
VestavŃnĨ ochoz.
OteŚ©en² bezpeļ nostn²ho rychlouz§vŃru je moġn® pouze ruļ nŃ.

JE V SOULADU SE SMĚRNICÍ 97/23 CE PED

SAFETY DEVICE AND ACCESSORIES

Over pressure shut-off device (OPSO).
Under pressure shut-off device (UPSO).
Safety shut-off device for lack of feeding.
Thermic valve.
Relief valve.
Integrated by-pass.
The reset of the safety shut-off devices (wdenever present) is solely manual.

CONFORMING TO THE 97/23 CE PED DIRECTIVE

507-512 - 520-522

DIVAL 507 S VNITř NÍM IMPULSEM .

DIVAL 507 WITH INTERNAL WITH PRESETTING EXTERNAL SENSINE LINE

Pd:15-100mbar BP *PrŤtok Nm3/hod z.p.*				Pd : 100-300mbar MP *Flow rate stmc/h G.N.*				Pd : 300-3000mbar TR *Flow rate stmc/h G.N.*			
Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20
Pd +0,5bar	80	90	90	Pd +0,5bar	95	105	120	Pd +0,5bar	100	140	150
Pd+1,0bar	85	110	125	Pd+1,0bar	140	160	80	Pd +1,5bar	150	200	220
Pd +2,5bar	80	110	140	Pd +2,5bar	180	200	220	Pd +3,0bar	200	250	250
Pd +5,0bar	80	110	150	Pd +5,0bar	180	200	220	Pd +5,0bar	250	250	250

DIVAL 507 S AKTIVNÍM VŇnJČÍM A VNITř NÍM IMPULSEM*

DIVAL 507 WITH INTERNAL AND EXTERNAL SENSINE LINE ACTIVE*

Pd:15-100mbar BP *Flow rate stmc/h G.N.*				Pd : 100-300mbar MP *Flow rate stmc/h G.N.*				Pd : 300-3000mbar TR *Flow rate stmc/h G.N.*			
Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20
Pd +0,5bar	80	90	90	Pd +0,5bar	95	105	120	Pd +0,5bar	100	250	250
Pd+1,0bar	130	135	140	Pd+1,0bar	140	160	180	Pd +1,5bar	190	250	250
Pd +2,5bar	210	230	250	Pd +2,5bar	230	250	250	Pd +3,0bar	220	250	250
Pd +5,0bar	220	250	300	Pd +5,0bar	250	250	250	Pd +5,0bar	250	250	250

* VNnJČÍIMPULSNÍTRUBIĽKA MUSÍBŇT INSTALOVANÉ ZHOTOVITELEM RS
Connctions of external sensine line by the client

DIVAL 512 S VNITř NÍM IMPULSEM

.

DIVAL 512 WITH INTERNAL WITH PRESETTING EXTERNAL SENSINE LINE

Pd:15-100mbar BP *PrŤtok Nm3/hod z.p.*				Pd : 100-300mbar MP *Flow rate stmc/h G.N.*				Pd : 300-3000mbar TR *Flow rate stmc/h G.N.*			
Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20
Pd +0,5bar	90	110	115	Pd +0,5bar	100	115	130	Pd +0,5bar	105	140	200
Pd+1,0bar	150	160	165	Pd+1,0bar	170	200	220	Pd +1,5bar	160	200	280
Pd +2,5bar	120	165	170	Pd +2,5bar	280	320	340	Pd +3,0bar	190	280	360
Pd +5,0bar	140	165	170	Pd +5,0bar	300	350	370	Pd +5,0bar	280	360	400

DIVAL 512 S AKTIVNÍM VŇnJČÍM A VNITř NÍM IMPULSEM*

DIVAL 512 WITH INTERNAL AND EXTERNAL SENSINE LINE ACTIVE*

Pd:15-100mbar BP *Flow rate stmc/h G.N.*				Pd : 100-300mbar MP *Flow rate stmc/h G.N.*				Pd : 300-3000mbar TR *Flow rate stmc/h G.N.*			
Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20
Pd +0,5bar	90	110	115	Pd +0,5bar	100	115	130	Pd +0,5bar	100	140	200
Pd+1,0bar	150	170	175	Pd+1,0bar	170	200	220	Pd +1,5bar	180	250	310
Pd +2,5bar	200	280	290	Pd +2,5bar	400	400	400	Pd +3,0bar	250	330	400
Pd +5,0bar	230	300	325	Pd +5,0bar	400	400	400	Pd +5,0bar	400	400	400

* IMPULSNÍTRUBIĽKA MUSÍBŇT INSTALOVÁNA ZHOTOVITELEM RS
Connctions of external sensine line by the client

DIVAL 520 S VNITř NÍM IMPULSEM

.

DIVAL 520 WITH INTERNAL WITH PRESETTING EXTERNAL SENSINE LINE

Pd:15-100mbar BP *PrŤtok Nm3/hod z.p.*				Pd : 100-300mbar MP *Flow rate stmc/h G.N.*				Pd : 300-3000mbar TR *Flow rate stmc/h G.N.*			
Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20
Pd +0.5bar	85	95	95	Pd +0.5bar	100	110	125	Pd +0.5bar	105	150	160
Pd +1.0bar	90	115	130	Pd +1.0bar	200	200	225	Pd +1.0bar	158	210	235
Pd +2.5bar	85	115	145	Pd +2.5bar	187	210	235	Pd +2.5bar	210	265	270
Pd +5.0bar	85	115	155	Pd +5.0bar	187	210	235	Pd +5.0bar	265	265	270

DIVAL 520 S AKTIVNÍM VŇnJČÍM A VNITř NÍM IMPULSEM*

DIVAL 520 WITH INTERNAL AND EXTERNAL SENSINE LINE ACTIVE*

Pd:15-100mbar BP *Flow rate stmc/h G.N.*				Pd : 100-300mbar MP *Flow rate stmc/h G.N.*				Pd : 300-3000mbar TR *Flow rate stmc/h G.N.*			
Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20
Pd +0.5bar	85	90	95	Pd +0.5bar	100	110	125	Pd +0.5bar	105	270	270
Pd +1.0bar	140	150	155	Pd +1.0bar	200	200	225	Pd +1.0bar	205	270	270
Pd +2.5bar	225	245	260	Pd +2.5bar	240	240	260	Pd +2.5bar	230	270	270
Pd +5.0bar	235	270	380	Pd +5.0bar	265	265	270	Pd +5.0bar	265	270	270

* Collegamento della presa d'impulso esterna a cura del cliente
Connctions of external sensine line by the client

DIVAL 522 S VNITř NÍM IMPULSEM .

DIVAL 522 WITH INTERNAL WITH PRESETTING EXTERNAL SENSINE LINE

Pd:15-100mbar BP *PrŤtok Nm3/hod z.p.*				Pd : 100-300mbar MP *Flow rate stmc/h G.N.*				Pd : 300-3000mbar TR *Flow rate stmc/h G.N.*			
Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20
Pd +0.5bar	150	200	200	Pd +0.5bar	150	170	170	Pd +0.5bar	200	260	295
Pd +1.0bar	230	250	280	Pd +1.0bar	240	320	340	Pd +1.0bar	350	460	500
Pd +2.5bar	230	250	300	Pd +2.5bar	460	580	610	Pd +2.5bar	800	900	1000
Pd +5.0bar	200	270	300	Pd +5.0bar	400	450	470	Pd +5.0bar	900	1000	1000

DIVAL 522 S AKTIVNÍM VNITř NÍM A VŇnJČÍM IMPULSEM*

DIVAL 522 WITH INTERNAL AND EXTERNAL SENSINE LINE ACTIVE*

Pd:15-100mbar BP *Flow rate stmc/h G.N.*				Pd : 100-300mbar MP *Flow rate stmc/h G.N.*				Pd : 300-3000mbar TR *Flow rate stmc/h G.N.*			
Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20	Pu bar	AC5	AC10	AC20
Pd +0.5bar	150	200	200	Pd +0.5bar	150	180	210	Pd +0.5bar	200	260	295
Pd +1.0bar	230	250	280	Pd +1.0bar	250	280	325	Pd +1.0bar	350	460	500
Pd +2.5bar	380	400	450	Pd +2.5bar	510	550	600	Pd +2.5bar	800	900	1000
Pd +5.0bar	400	450	500	Pd +5.0bar	600	650	700	Pd +5.0bar	900	1000	1000

* Zhotov² dodavetel
Connctions of external sensine line by the client

VÝKON PRO LPG: VYNÁSOB HODNOTU Z TABULKY x 1.2
VÝKON PRO DUSÍK: VYNÁSOB HODNOTU Z TABULKY x 0.789

LEGENDA:
Pd: VÝstupní tlak - Pu: Vstupní tlak - Ac: třída přesnosti

LPG flow rate: multiply the value in the table x 1.2
Azote flow rate: multiply the value in the table x 0.789

LEGEND:
Pd: Outlet pressure - Pu: Inlet pressure - Ac: Accuracy

Mod. DIVAL 507

INLET-VSTUP

fig. 1
070.10009.01

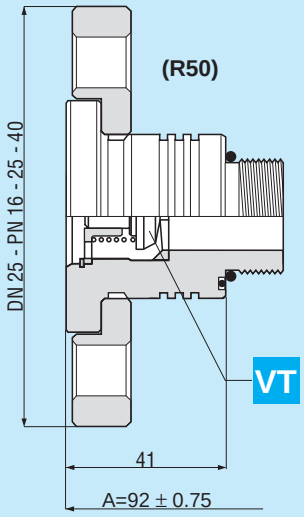


fig. 2
071.10008.01

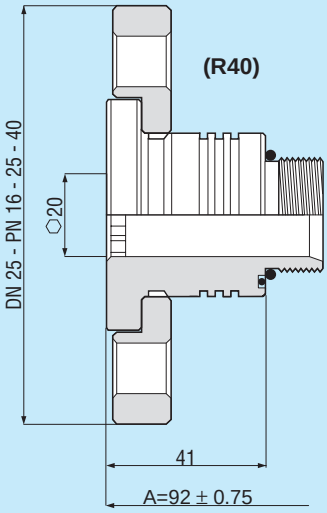


fig. 4
070.10002.01

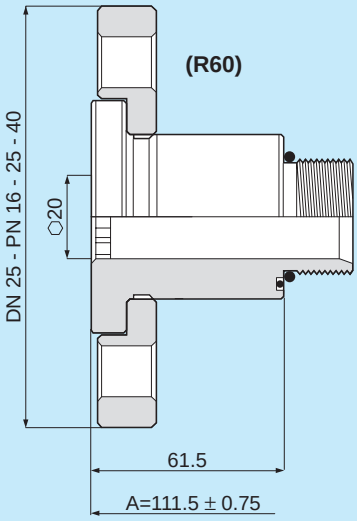


fig. 5
070.00210.00

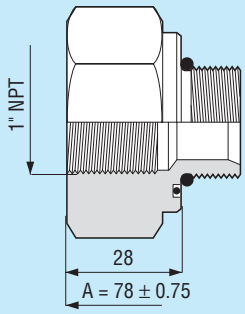


fig. 6
071.00300.00

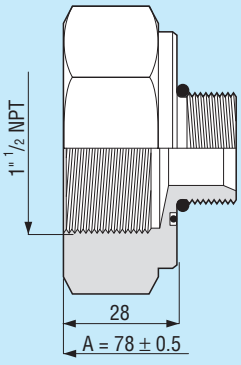


fig. 7
071.00310.00

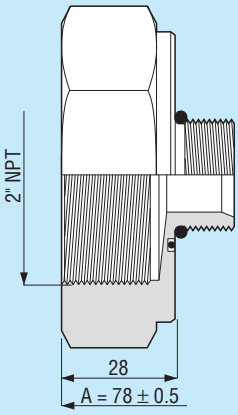


fig. 9
070.10011.01

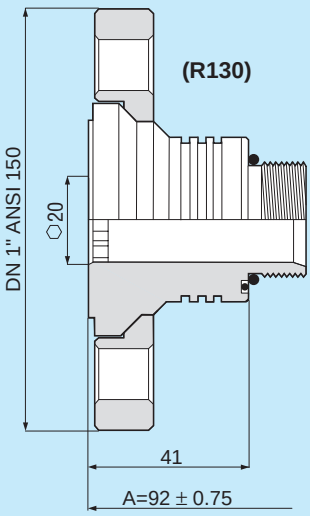
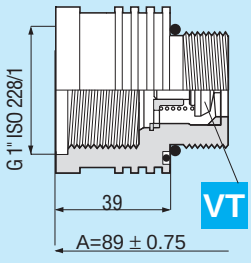


fig. 11
070.10003.00



VT = S TEPELNOU POJISTKOU
with Thermical Valve

VhSTUPNĉPř IPOJENĉ- OCEL
SET OF UNIONS STEEL VERSION

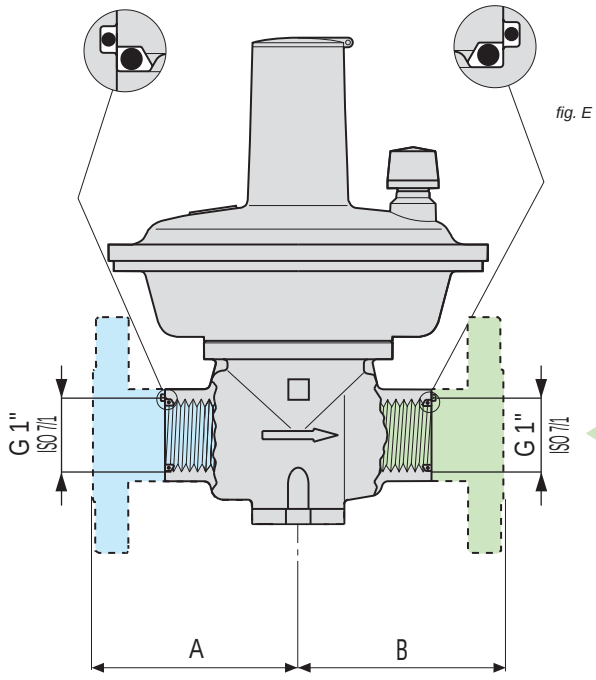


fig. E

VhSTUP - *OUTLET*

fig. 1
071.10008.01
(R40)

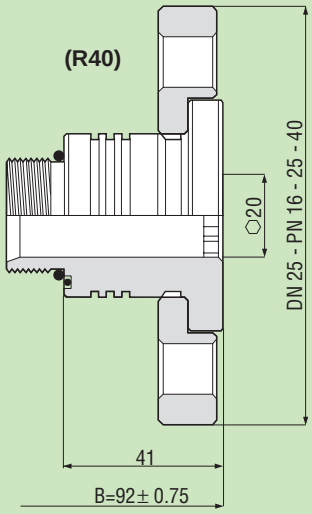


fig. 2
070.00210.00

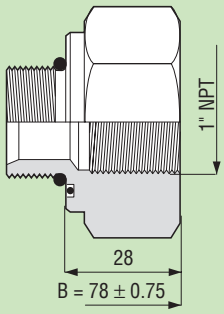


fig. 3
071.00300.00

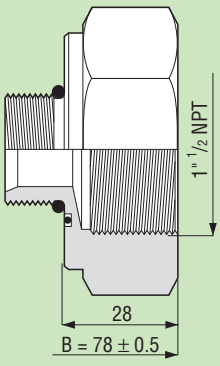


fig. 4
071.00310.00

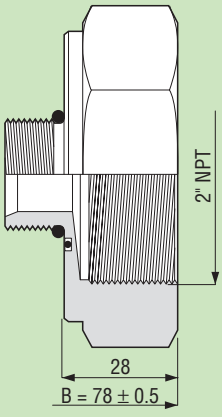


fig. 5
070.10002.01
(R60)

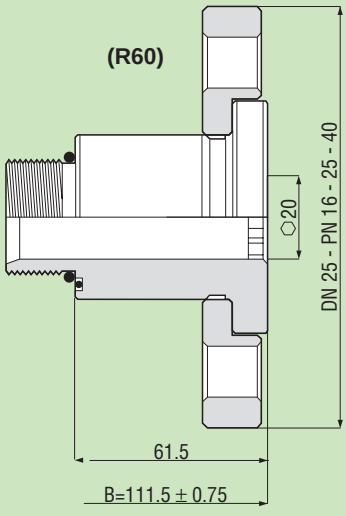
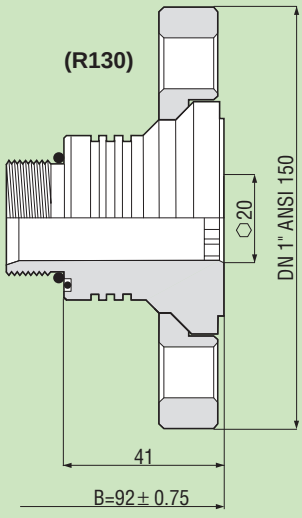


fig. 6
070.10011.01
(R130)



Př ðKLAD INSTALACE
EXAMPLE TO INSTALLATION

fig. F

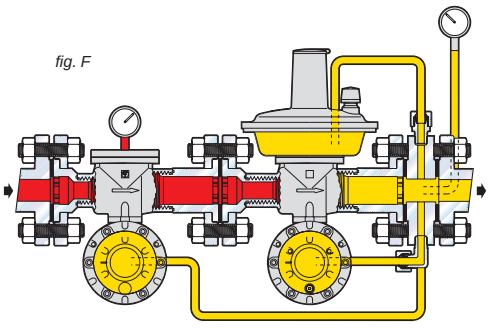
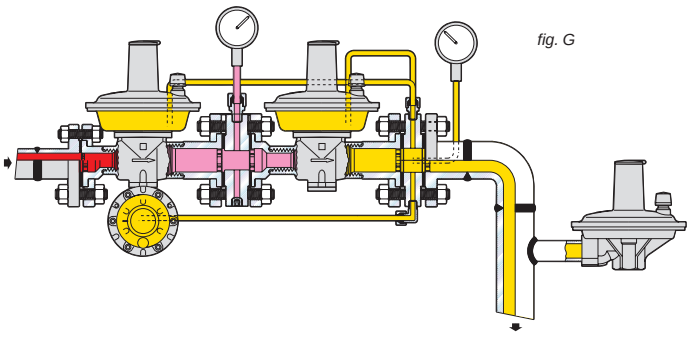


fig. G

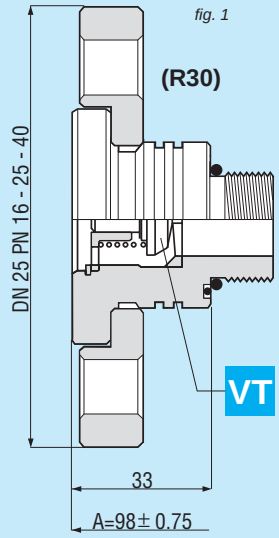


Mod. DIVAL 512

VSTUP- *INLET*

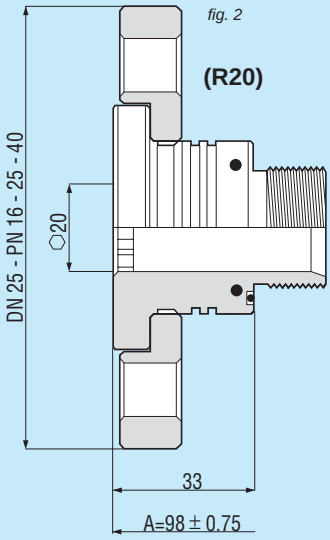
070.10006.01

fig. 1



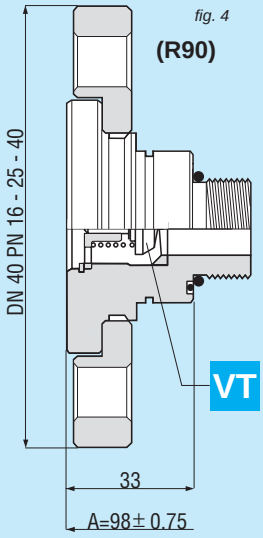
070.10001.01

fig. 2



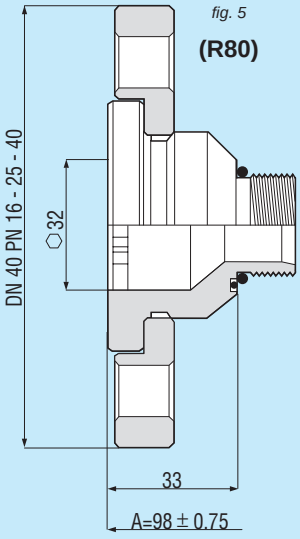
070.10014 .01

fig. 4



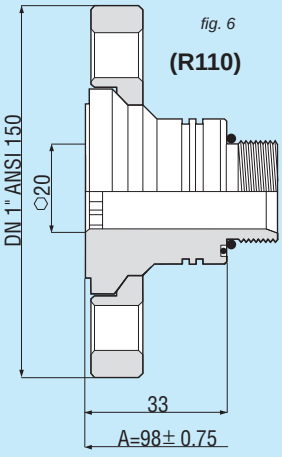
070.10007.01

fig. 5



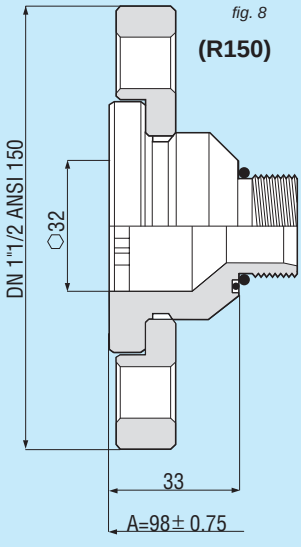
070.10017.01

fig. 6



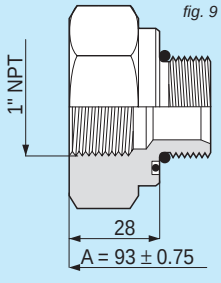
070.10013.01

fig. 8



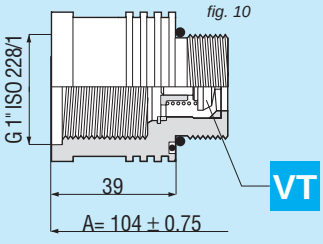
070.00210.00

fig. 9



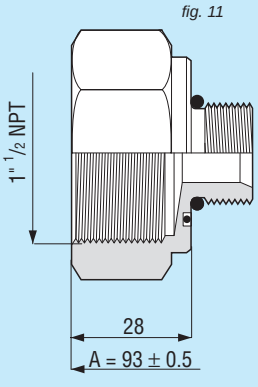
070.10003.00

fig. 10



071.00300.00

fig. 11



VT = con Valvola Termica / *with Thermical Valve*

VýSTUPNÍ PŘÍPOJENÍ - OCEL
SET OF UNIONS STEEL VERSION

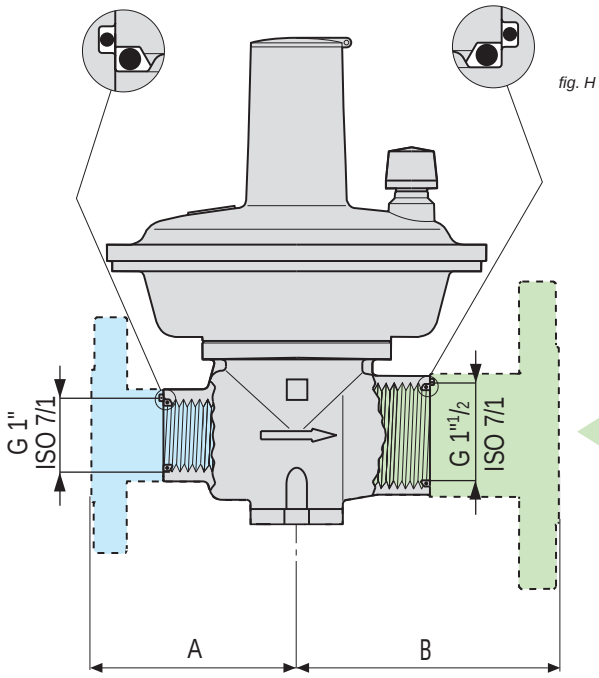


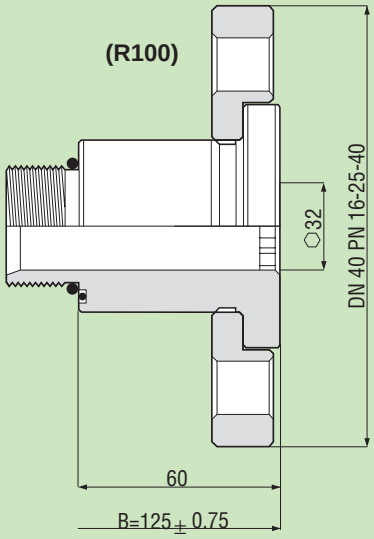
fig. H

VÝSTUP - *OUTLET*

fig. 1

071.10003.01

(R100)



PŘÍKLAD INSTALACE
EXAMPLE TO INSTALLATION

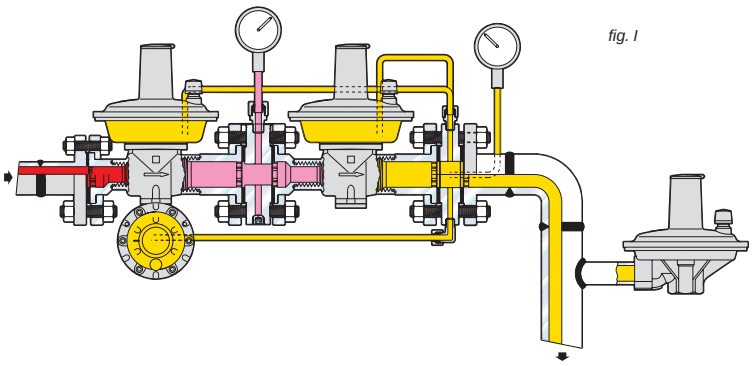
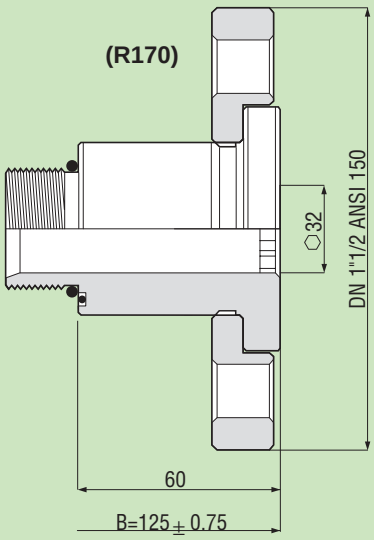


fig. I

fig. 2

071.10014.01

(R170)



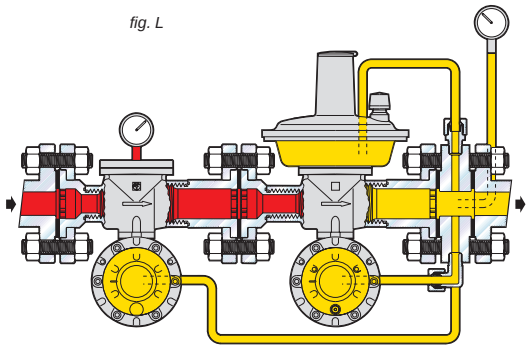


fig. L

fig. 3

071.00320.00

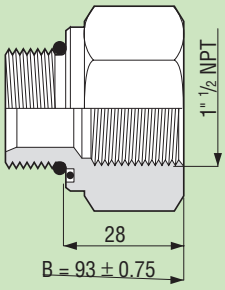
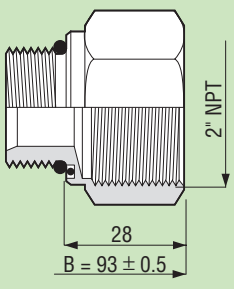
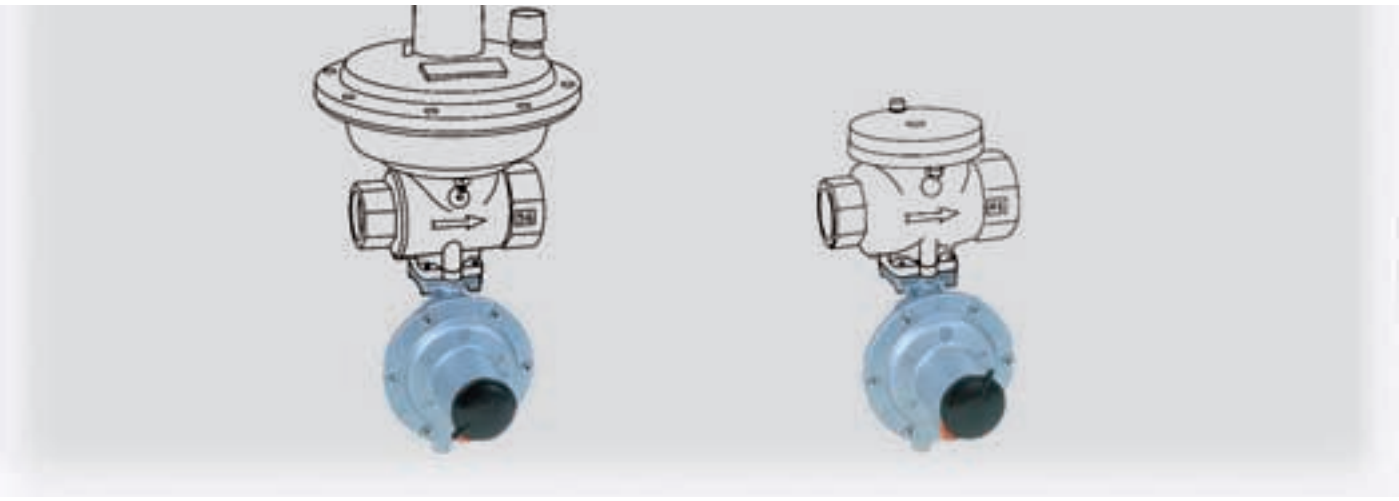


fig. 4

071.00390.00



Mod. LA CE



VĠEOBECNĥ POPIS

Bezpeļ nostn² rychlouz§vĎr mod. LA je jistic² zaŚzen², kter®se osazuje na vġechny regul§tory serie DIVAL a DILOCK armatury.
Ðlohou bezpeļ nostn²ho rychlouz§vĎru je uzavŚt prŢtok plynu samostatnou kuġelkou pokaġd®v pŚpadĎ vĪ skytu nebezpeļ nĪ ch provozn²ch situac².
Bezpeļ nostn² rychlouz§vĎr uzav²r§ v pŚpadĎ, ġe vĪ stupn² tlak je mimo nastaven®hodnoty pŚpustn®ho poklesu a vzestupu nebo jedn®z tĎchto hodnot.

INTRODUCTION

The mod. LA shut-off valve or pressure switch valve is a safety device wdich may be applied to the regulation equipment as all regulators of DIVAL SERIES and to the shut-off equipment as the DILOCK valves.
The task of the shut-off valves is to interrupt the gas flow, through an external plug, each time a danger situation occurs.
Their operation is related with the connection to a point for the monitoring of the pathway, generally downstream the equipment of regulation or shut-off.

ZĆKLADNĉTECHNICKÉ ÐDAJE

- Teplotn² tŚda: 2 (-20°C + 60°C).
- Max. tlak povolenĪ na kuġelku bezpeļ nostn²ho uz§vĎru: PS 20 bar.
- Kuġelka s vestavĎnĪm ochozem usnadĥuje otevŚen² rychlouz§vĎru pŚi vyġġ²m vstupn²m tlaku
- OtevŚen² se prov§d² vĪ luļ nĎ ruļ nĎ (vyj²mka pouze v pŚpadĎ kdy dojde k uzavŚen² v dŢsledku zvĪ ġen®teploty).
- Krytka kde je moġno kontrolovat naruġen² tĎsnosti.
- Moġnost napojen² manometru na vstupu z§vit 1/4 F ISO 7/1 , filtr.
- napojen² odvĎr§n², z§vit 1/8 F ISO 228.
- "TEST" tlaļ ²tko standardnĎ pro - standard per DIVAL 160 a 250, 520 a 522.
- Na pŚ§n² moġnost osazen² signalizace polohy elektrickĪm sign§lem ZaŚzen² je v ļ innosti v tĎchto pŚpadech:
- VZESTUP - vĪ stupn² tlak je vyġġ² neġ nastaven§ hodnota na vzestup (zmĎna nastaven² je moġn§ pouze v rozsahu osazen®pruġiny) .
- POKLES - vĪ stupn² tlak je niġġ² neġ nastaven§ hodnota na pokles (zmĎna nastaven² je moġn§ pouze v rozsahu osazen®pruġiny) .
- ZVĥĠENĉTEPLOTY - uzav²r§ je-li teplota zaŚzen² vyġġ² neġ 170/190°C.

ODPOVÐĎ SMĥRNICI 97/23 CE PED

MAIN FEATURES

- *Temperature class: 2 (-20°C + 60°C) - (-4°F +140°F).*
- *Maximum pressure admitted in the external safety plug system: PS 20 bar - PS 290 Psi.*
- *Safety plug with By-pass to make easier the reset with high feeding pressures.*
- *Reset is solely manual (except for the intervention in case of Temperature increase).*
- *Cap with possibility to check the seal for any violation.*
- *Reading pressure inlet with thread 1/4 F ISO 7/1 with filter.*
- *Remote connection of the cover exhaust of the measuring device with thread 1/8 F ISO 228.*
- *"Test" button - standard for DIVAL 160 and 250, 520 and 522.*
- *Pre-arrangement for electric contact to signal the intervention in telesurveillance (upon request).*

The device operates in the following cases:
- *OVER PRESSURE - in case the monitoring pressure exceeds the calibration limits. (the calibration changes from the outside according to the range forecast by the spring in use).*
- *UNDER PRESSURE - in case the monitoring pressure goes below the calibration limits (the calibration changes from the outside according to the range forecast by the spring in use).*
- *TEMPERATURE INCREASE - in case the valve temperature goes further 170/190°C - 338/374°F.*

CONFORMING TO THE 97/23 CE PED DIRECTIVE

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