

MD1

DISTRIBUTORI MONOBLOCCO MONOBLOCK DIRECTIONAL VALVES MONOBLOCKSTEUERGERÄTE

DATI TECNICI TECHNICAL DATA TECHNISCHE MERKMALE

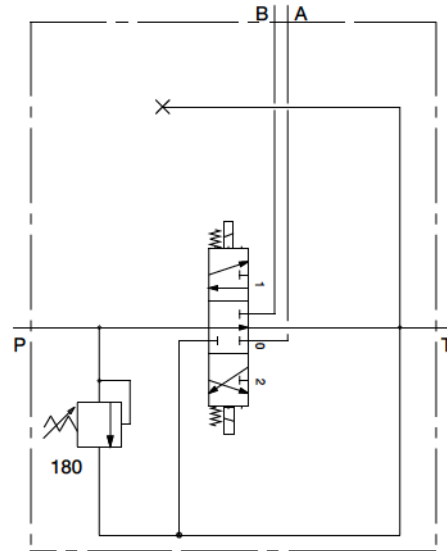
Portata nominale (max) <i>Nominal flow (max)</i> Nominaler Durchfluß (max)	20 (30) l/min 5.3 (7.9) gpm
Pressione massima <i>Maximum pressure</i> Maximaler Betriebsdruck	180 (2610) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i> Maximaler Gegendruck Tankleitung	5 (73) bar (psi)
Massima trafila interna <i>Maximum internal leakage</i> Maximale interne Leckage	40 cc/min (21 cSt - 100 bar)
Temperatura d'utilizzo <i>Temperature range</i> Betriebstemperatur	-20°C +80°C NBR seals
Viscosità olio <i>Oil viscosity</i> Ölviskosität	Da 10 cSt a 100 cSt <i>From 10 cSt to 100 cSt</i> Von 10 cSt nach 100 cSt
Fluido <i>Fluid</i> Öl	Olio a base minerale <i>Mineral based oil</i> Mineral Öl

FILETTATURA THREAD GEWINDE

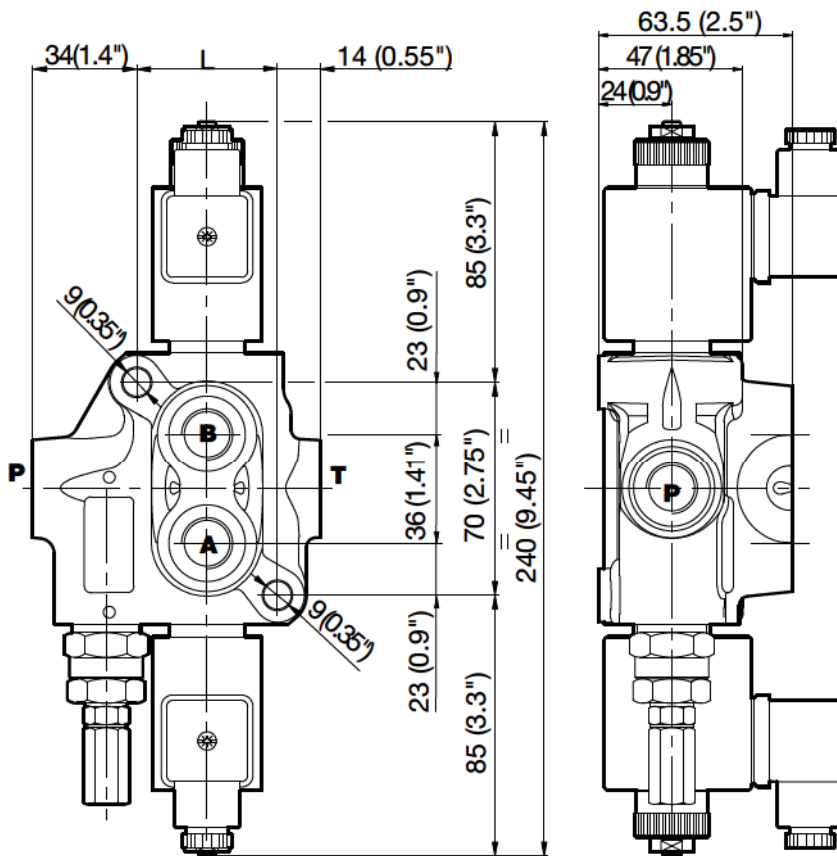
CODICE MODEL BEZEICHNUNG	TIPO TYPE GEWINDE	COPPIA DI SERRAGGIO Nm TORQUE Nm ANZUGSMOMENT Nm
C	M 18 X 1,5	35
A	3/8" Gas	40
E	3/4" UNF-16	50

DIMENSIONI SIZE ABMESSUNGEN

N° DI SEZIONI N° OF SECTIONS ANZAHL ELEMENTE	L mm (inch)	MASSA kg (lb) WEIGHT kg (lb) GEWICHT kg (lb)
MD1	46 (1.8)	2.8 (6.2)



MD1 AZ AE1 PT

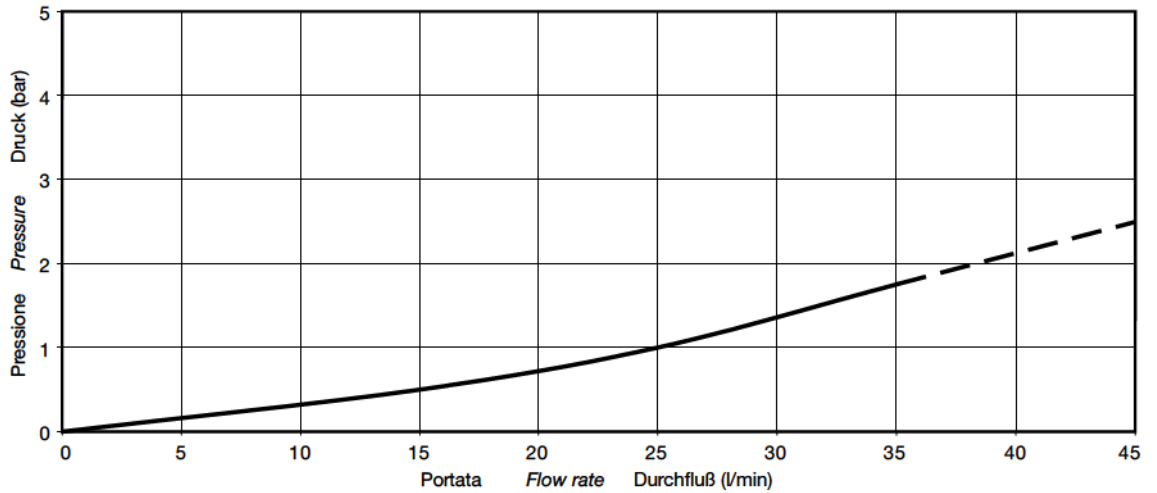
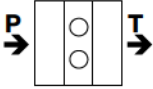




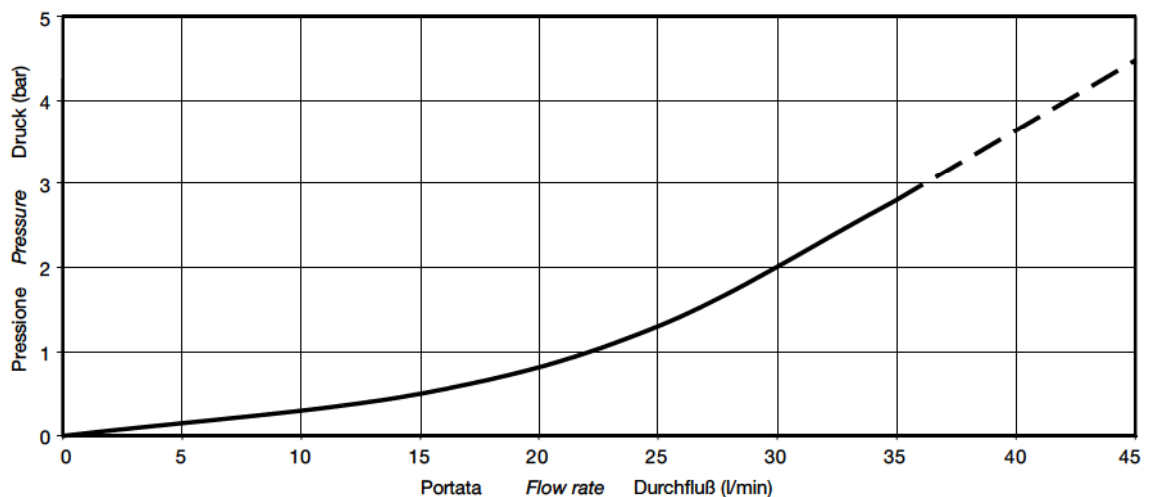
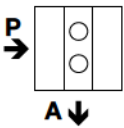
CURVE CARATTERISTICHE
FLOW CURVES
TYPISCHE KURVEN

Le curve caratteristiche in catalogo sono tipiche di prodotti di produzione testati in laboratorio e non sono necessariamente rappresentative di ogni unità.
Performance Characteristics shown in catalog are typical of production products tested in laboratory and are not necessarily representative of any other unit.
Die Werte im Katalog beziehen sich auf Standardware, die auf der Prüfbank getestet wurde und sind nicht repräsentativ für andere Einheiten.

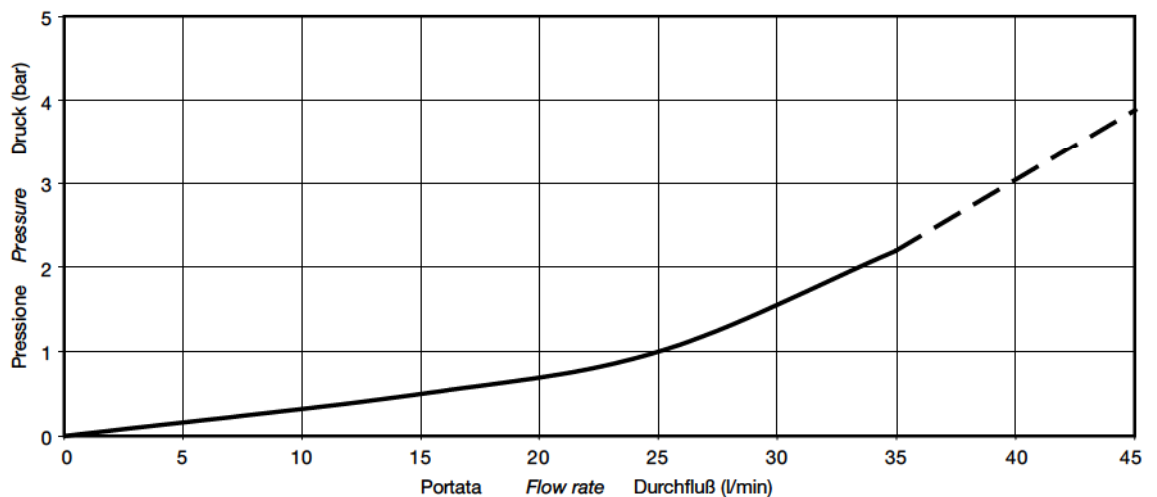
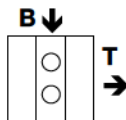
P-T



P-A



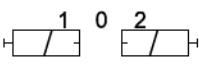
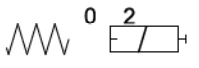
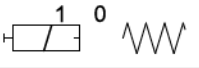
B-T

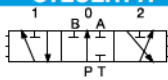
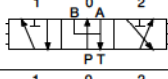
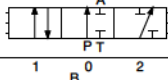
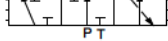


Parametri di prova: spola circuito 1
Testing parameters: 50°C - 21 cSt spool type 1
Prüfparameter: steuertyp 1

CIRCUITI E SCHEMI IDRAULICI
HYDRAULIC CIRCUITS AND SCHEMES
STEUERTYPEN UND HYDRAULISCHE SCHEMATA

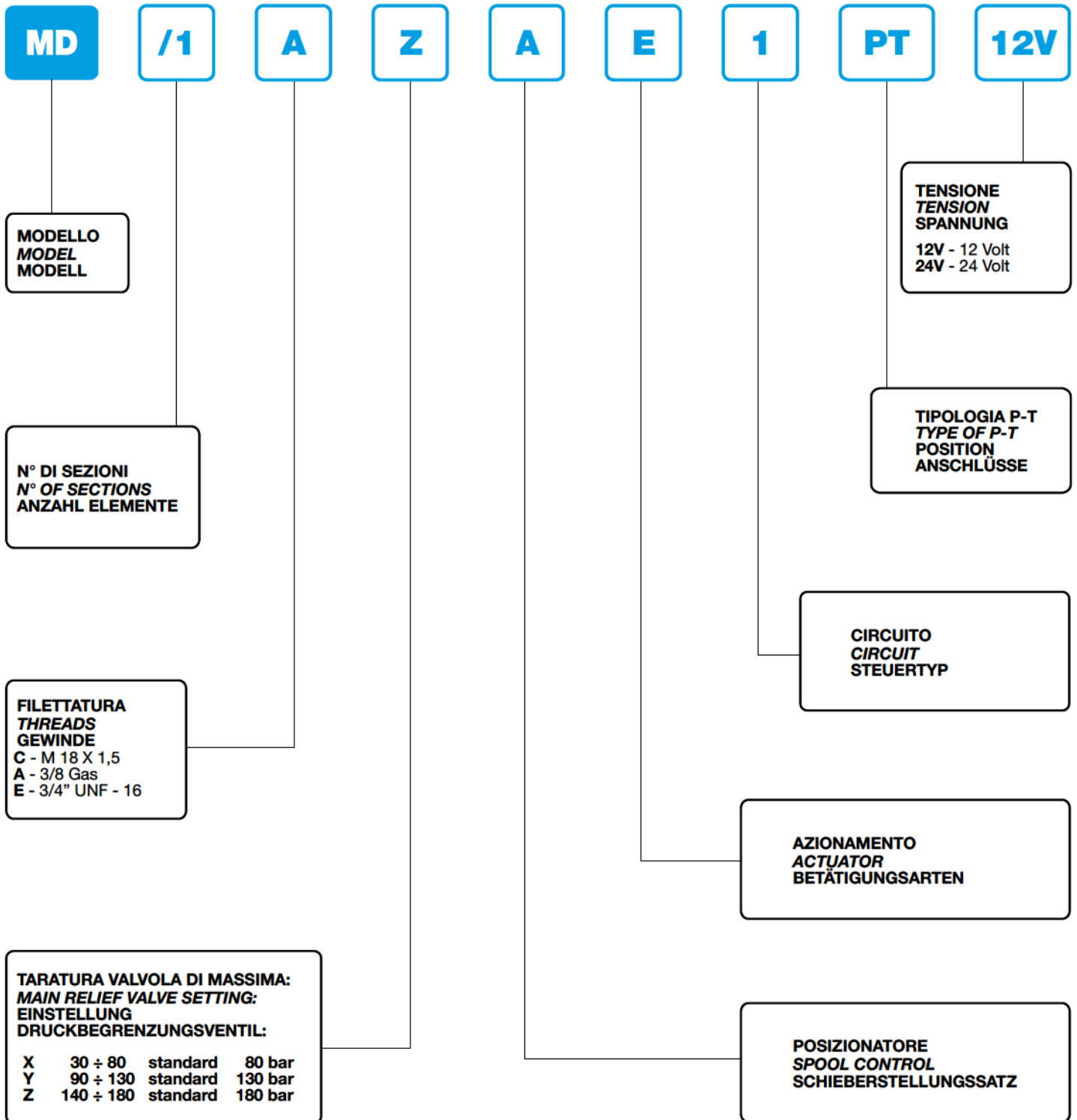
Le configurazioni indicate sono relative a prodotti standard. Per altre configurazioni prego contattarci.
 The following configurations are related to standard products. Please, contact us for other configurations.
 Die abgebildeten Produkte sind typische Standardwaren. Sollten Sie für Ihre Anwendung Änderungen benötigen, wenden Sie sich bitte an uns.

POSIZIONATORE SPOOL CONTROL SCHIEBERSTELLUNG		
AE		Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0
EE		Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0
FE		Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0

CIRCUITO SPOOL TYPE STEUERTYP		POS. 1	POS. 0	POS. 2	POS. 4
1		P → B A → T BP →	A → B → BP →	P → A B → T BP →	
3		P → B A → T BP →	A, B → T BP →	P → A B → T BP →	
4		A → T B → BP →	T → A → B → BP →	P → A B, T → BP →	
5		P → B A, T → BP →	T → A → B → BP →	A → B → T BP →	



**ISTRUZIONI PER L'ORDINAZIONE
ORDERING INSTRUCTIONS
BESTELLANLEITUNG**



Notare: non dirigere getti d'acqua direttamente sulla valvola.
Note: do not wash the valve with direct water jet.
Bitte beachten: Steuergerät/Ventil nicht mit Hochdruckreiniger waschen.

DATI TECNICI TECHNICAL DATA TECHNISCHE MERKMALE

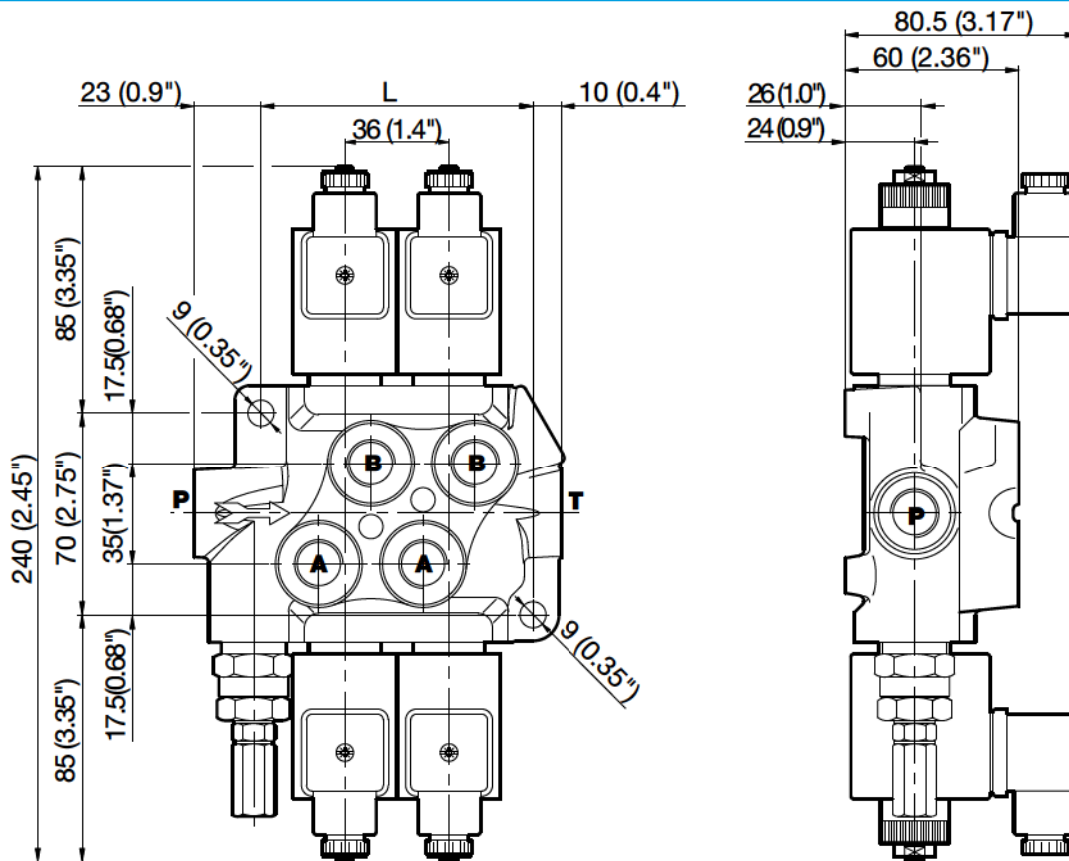
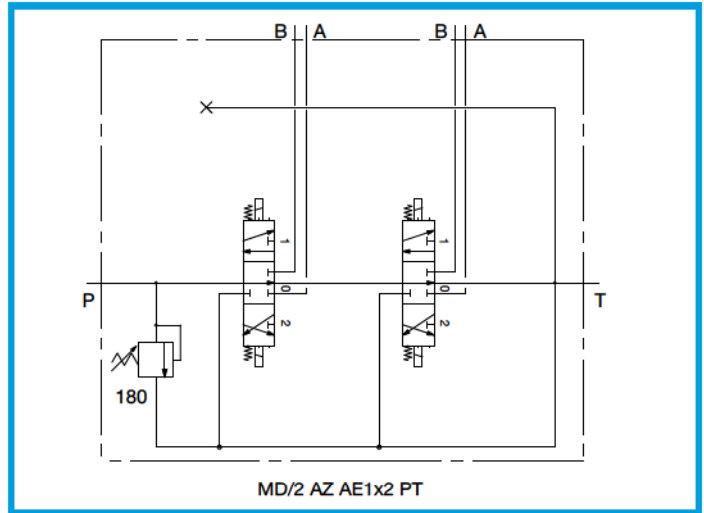
Portata nominale (max) <i>Nominal flow (max)</i> Nominaler Durchfluß (max)	20 (30) l/min 5.3 (7.9) gpm
Pressione massima <i>Maximum pressure</i> Maximaler Betriebsdruck	180 (2610) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i> Maximaler Gegendruck Tankleitung	5 (73) bar (psi)
Massima trafila interna <i>Maximum internal leakage</i> Maximale interne Leckage	40 cc/min (21 cSt - 100 bar)
Temperatura d'utilizzo <i>Temperature range</i> Betriebstemperatur	-20°C +80°C NBR seals
Viscosità olio <i>Oil viscosity</i> Ölviskosität	Da 10 cSt a 100 cSt <i>From 10 cSt to 100 cSt</i> Von 10 cSt nach 100 cSt
Fluido <i>Fluid</i> Öl	Olio a base minerale <i>Mineral based oil</i> Mineral Öl

FILETTATURA THREAD GEWINDE

CODICE MODEL BEZEICHNUNG	TIPO TYPE GEWINDE	COPPIA DI SERRAGGIO Nm TORQUE Nm ANZUGSMOMENT Nm
C	M 18 X 1,5	35
A	3/8" Gas	40
E	3/4" UNF-16	50

DIMENSIONI SIZE ABMESSUNGEN

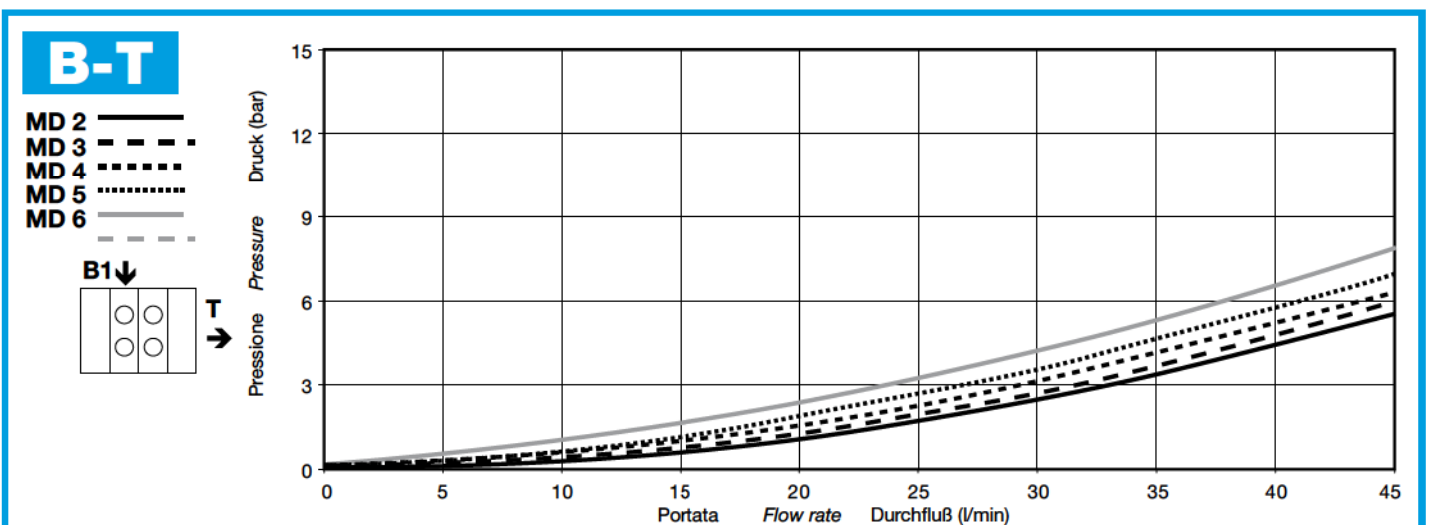
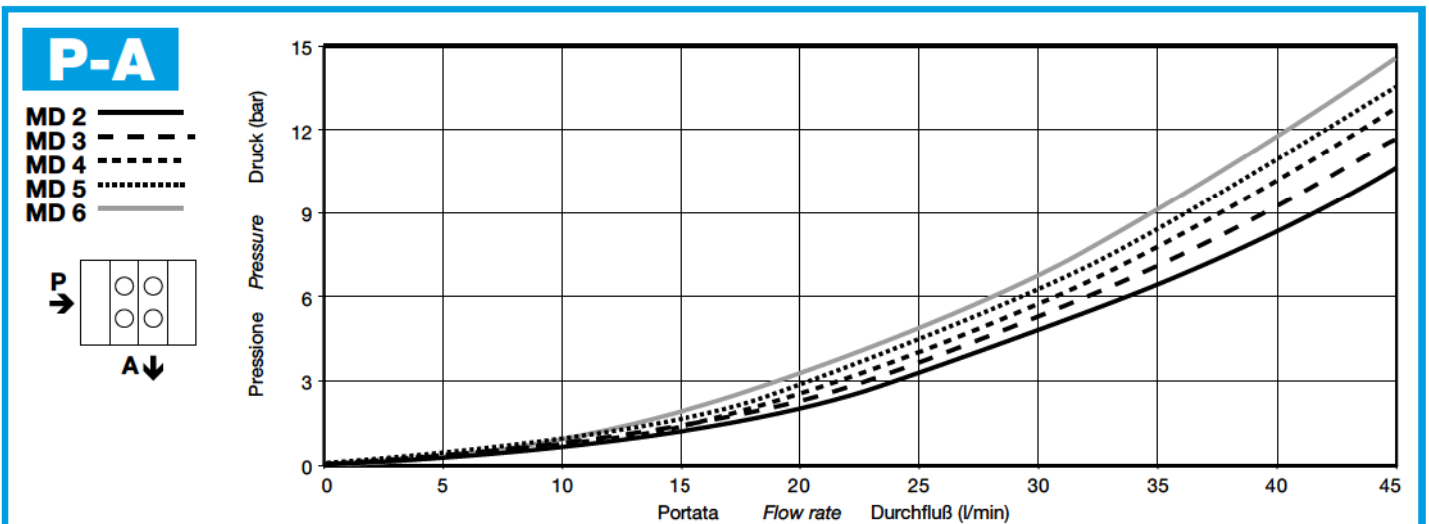
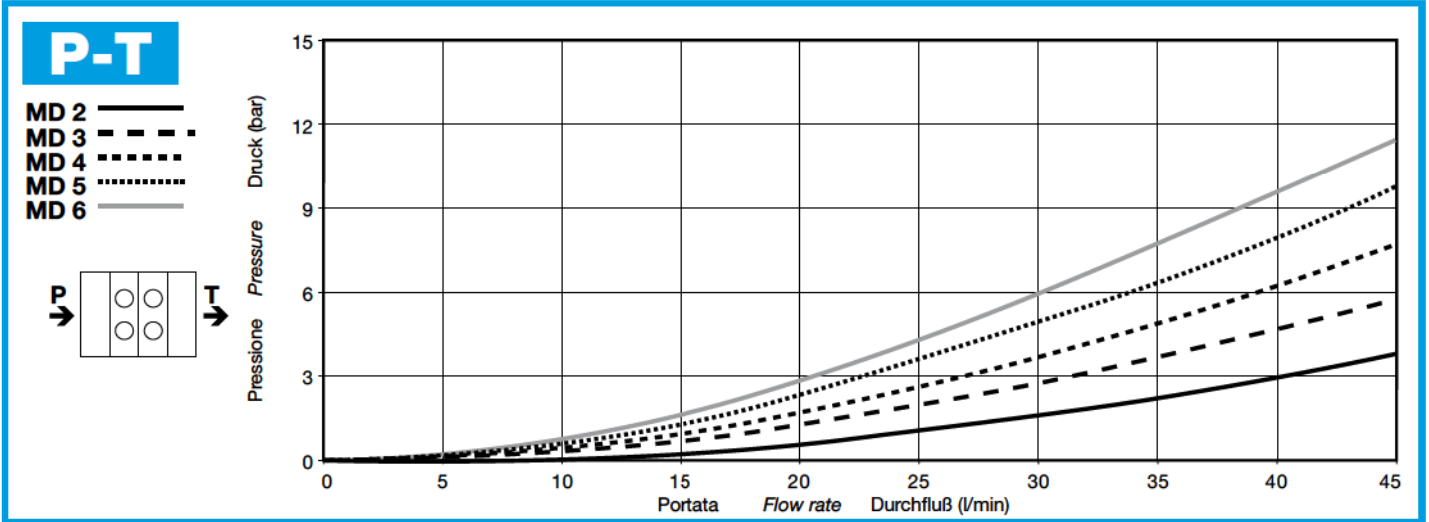
N° DI SEZIONI N° OF SECTIONS ANZAHL ELEMENTE	L mm (inch)	MASSA kg (lb) WEIGHT kg (lb) GEWICHT kg (lb)
MD/2	94 (3.7)	4.5 (9.9)
MD/3	133 (5.2)	6.5 (14.3)
MD/4	169 (6.6)	8.5 (18.7)
MD/5	205 (8.1)	10.8 (23.1)
MD/6	241 (9.5)	12.5 (27.5)





CURVE CARATTERISTICHE
FLOW CURVES
TYPISCHE KURVEN

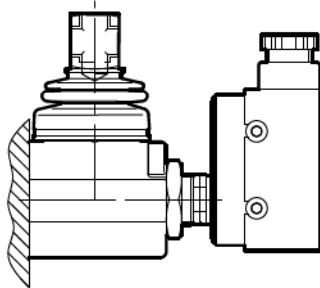
Le curve caratteristiche in catalogo sono tipiche di prodotti di produzione testati in laboratorio e non sono necessariamente rappresentative di ogni unità.
Performance Characteristics shown in catalog are typical of production products tested in laboratory and are not necessarily representative of any other unit.
Die Werte im Katalog beziehen sich auf Standardware, die auf der Prüfbank getestet wurde und sind nicht repräsentativ für andere Einheiten.



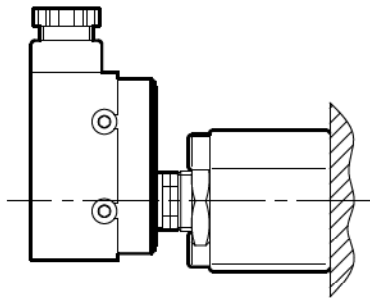
Parametri di prova: spola circuito 1
Testing parameters: 50°C - 21 cSt spool type 1
Prüfparameter: steuertyp 1

MICROINTERRUPTORE
MICRO SWITCH
MIKROSCHALTER

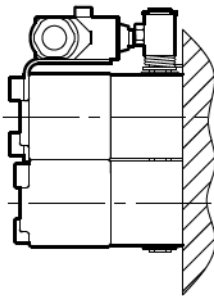
Per maggiori informazioni contattateci.
For more information please contact us.
Bei weiteren Fragen nehmen Sie bitte Kontakt mit uns auf.



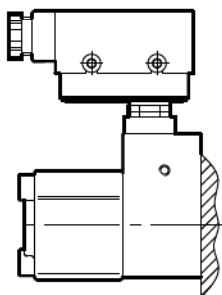
Azionamento con microinterruttore
Micro switch control
Betätigung mit Mikroschalter



Posizionatore con microinterruttore
Spool control with micro switch
Betätigung mit Mikroschalter



Kit microinterruttore centralizzato
Centralized micro switch kit
Zentraler Mikroschalter



Posizionatore con microinterruttore a singola sezione
Spool control with single section micro switch
Mikroschalter für einzelnes Element

Questa pagina è intenzionalmente bianca
This page is intentionally blank
Diese seite ist bewusst frei gelassen

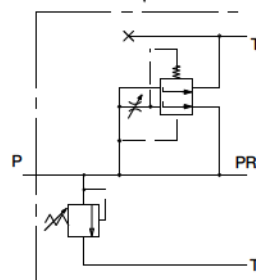
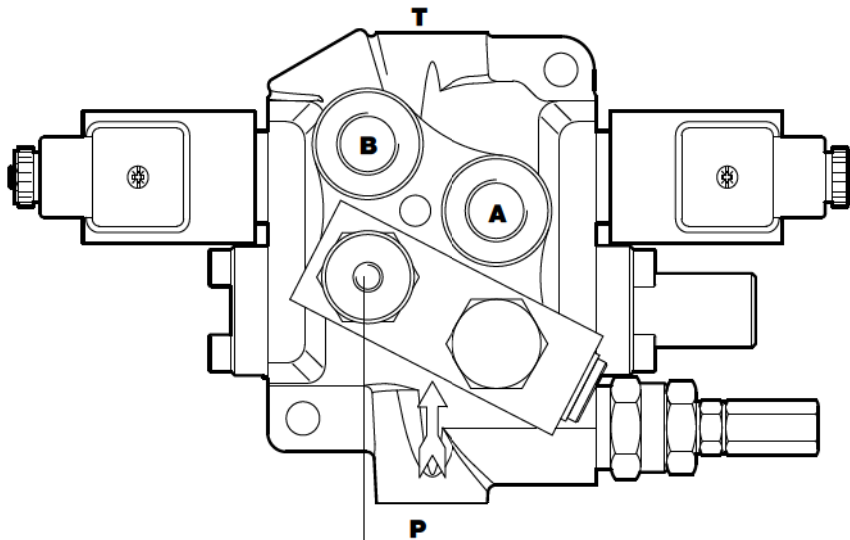
CIRCUITI E SCHEMI IDRAULICI
HYDRAULIC CIRCUITS AND SCHEMES
STEUERTYPEN UND HYDRAULISCHE SCHEMATA

Le configurazioni indicate sono relative a prodotti standard. Per altre configurazioni prego contattarci.
 The following configurations are related to standard products. Please, contact us for other configurations.
 Die abgebildeten Produkte sind typische Standardwaren. Sollten Sie für Ihre Anwendung Änderungen benötigen, wenden Sie sich bitte an uns.

POSIZIONATORE SPOOL CONTROL SCHIEBERSTELLUNG		CIRCUITO SPOOL TYPE STEUERTYP		POS. 1	POS. 0	POS. 2	POS. 4
AE		Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0	1		P → B A → T BP →	A → B → BP →	P → A B → T BP →
EE		Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0	3		P → B A → T BP →	A, B → T BP →	P → A B → T BP →
FE		Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0	4		A → T B → BP →	T → A → B → BP →	P → A B, T → BP →
			5		P → B A, T → BP →	T → A → B → BP →	A → B → T BP →

ACCESSORI
ACCESSORIES
ZUBEHÖR

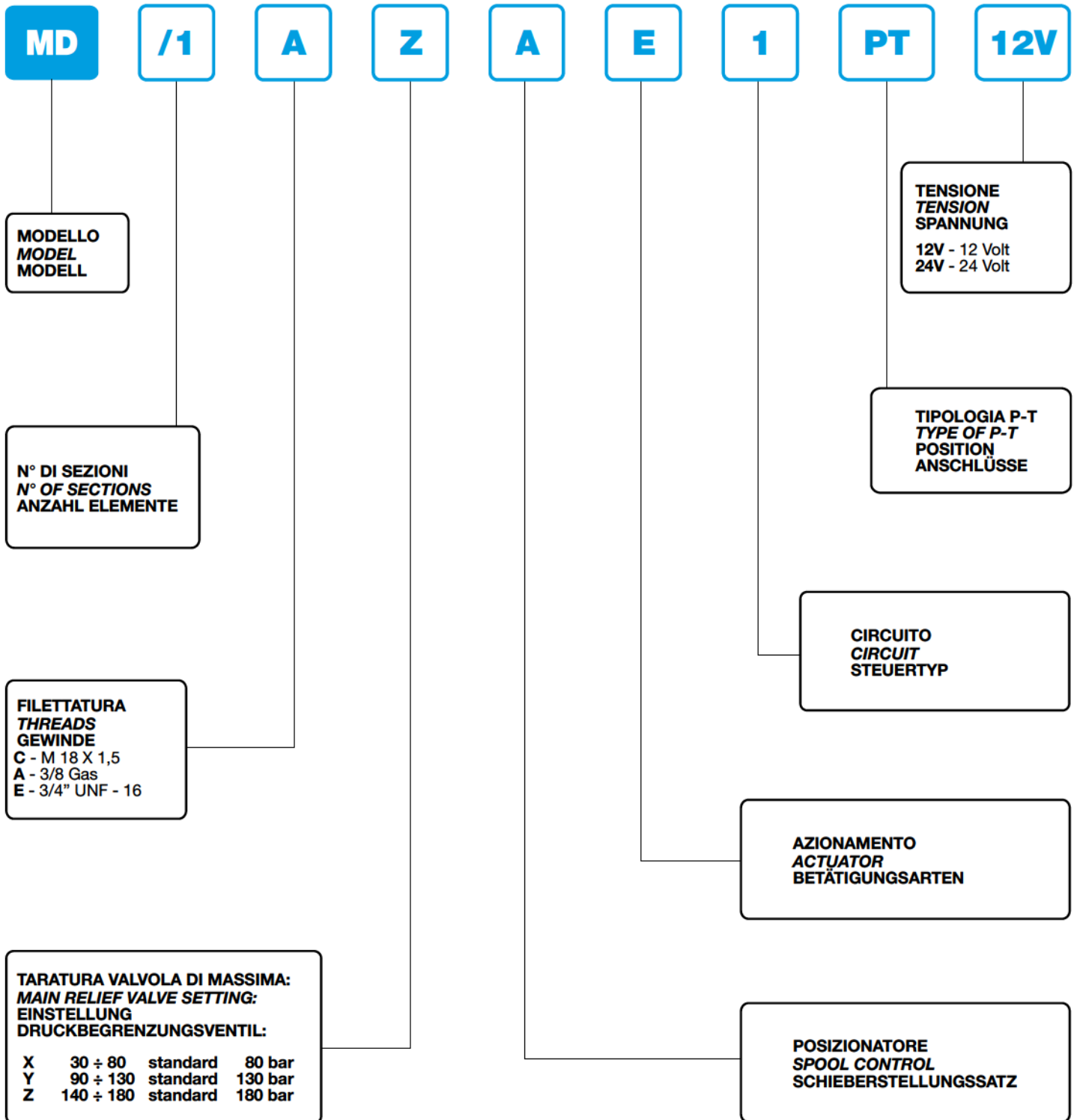
Per maggiori informazioni contattateci.
 For more information please contact us.
 Bei weiteren Fragen nehmen Sie bitte Kontakt mit uns auf.



Regolatore di flusso
 Flow regulator
 Stromregelventil



**ISTRUZIONI PER L'ORDINAZIONE
ORDERING INSTRUCTIONS
BESTELLANLEITUNG**



Notare: non dirigere getti d'acqua direttamente sulla valvola.
Note: do not wash the valve with direct water jet.
Bitte beachten: Steuergerät/Ventil nicht mit Hochdruckreiniger waschen.

DATI TECNICI TECHNICAL DATA TECHNISCHE MERKMALE

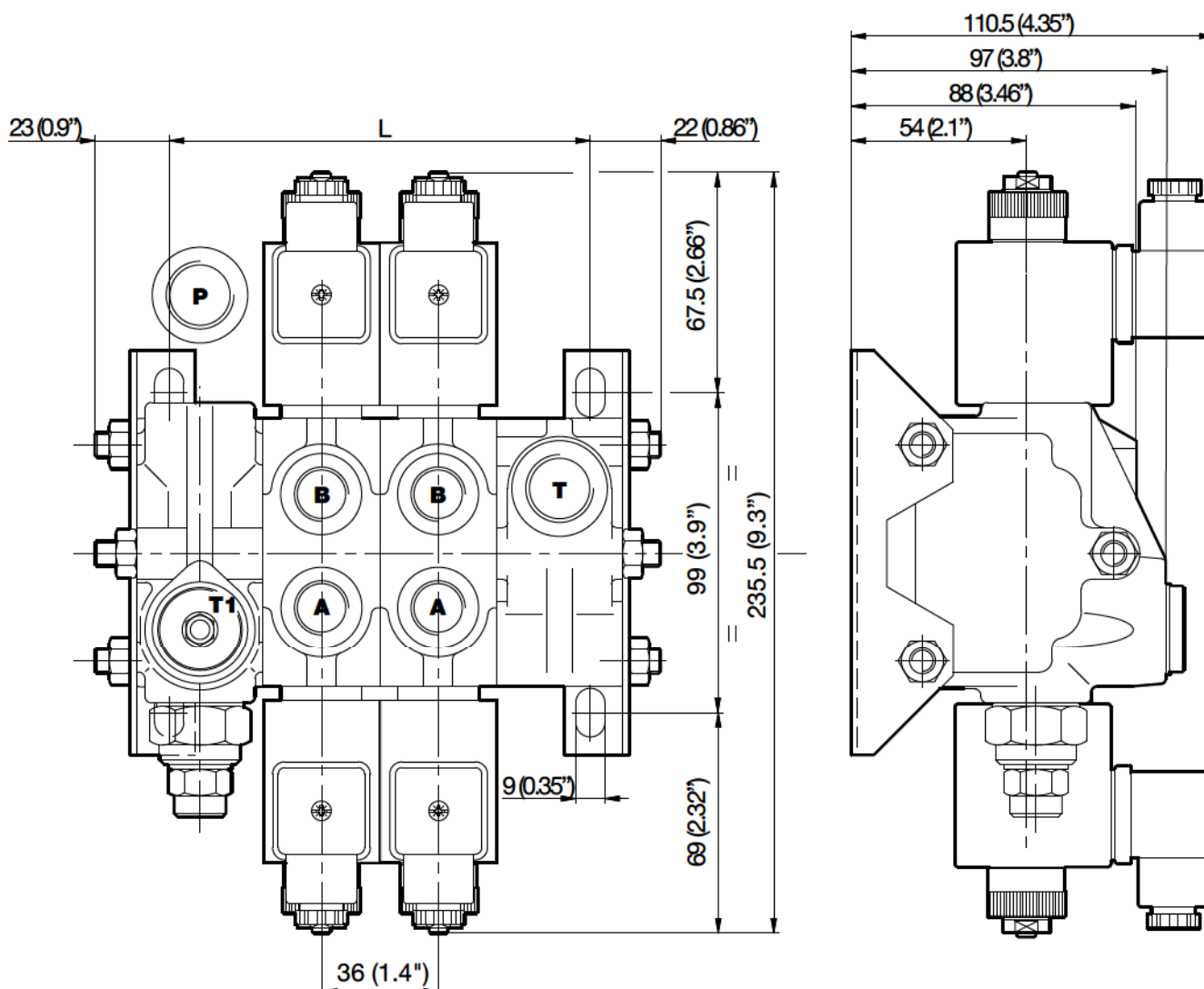
Portata nominale (max) <i>Nominal flow (max)</i> Nominaler Durchfluß (max)	25 (30) l/min 6.6 (7.9) gpm
Pressione massima <i>Maximum pressure</i> Maximaler Betriebsdruck	180 (2610) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i> Maximaler Gegendruck Tankleitung	5 (73) bar (psi)
Massima trafilatura interna <i>Maximum internal leakage</i> Maximale interne Leckage	35 cc/min (21 cSt - 100 bar)
Temperatura d'uso <i>Temperature range</i> Betriebstemperatur	-20°C +80°C NBR seals -20°C +130°C HNBR seals
Viscosità olio <i>Oil viscosity</i> Ölviskosität	Da 10 cSt a 100 cSt <i>From 10 cSt to 100 cSt</i> Von 10 cSt nach 100 cSt
Fluido <i>Fluid</i> Öl	Olio a base minerale <i>Mineral based oil</i> Mineral Öl

DIMENSIONI SIZE ABMESSUNGEN

MOD. MOD. MOD.	L mm (inch)	MASSA kg (lb) WEIGHT kg (lb) GEWICHT kg (lb)	MOD. MOD. MOD.	L mm (inch)	MASSA kg (lb) WEIGHT kg (lb) GEWICHT kg (lb)
DNC35/1	94 (3.7)	5.2 (11.44)	DNC35/6	272 (10.7)	0.2 (22.44)
DNC35/2	130 (5.1)	6.2 (13.64)	DNC35/7	308 (12.1)	11.2 (24.64)
DNC35/3	164 (6.45)	7.2 (15.84)	DNC35/8	344 (13.5)	12.2 (26.84)
DNC35/4	200 (7.87)	8.2 (18.04)	DNC35/9	380 (14.96)	13.2 (29.04)
DNC35/5	236 (9.3)	9.2 (20.24)	DNC35/10	416 (16.37)	14.2 (31.24)

FILETTATURA THREAD GEWINDE

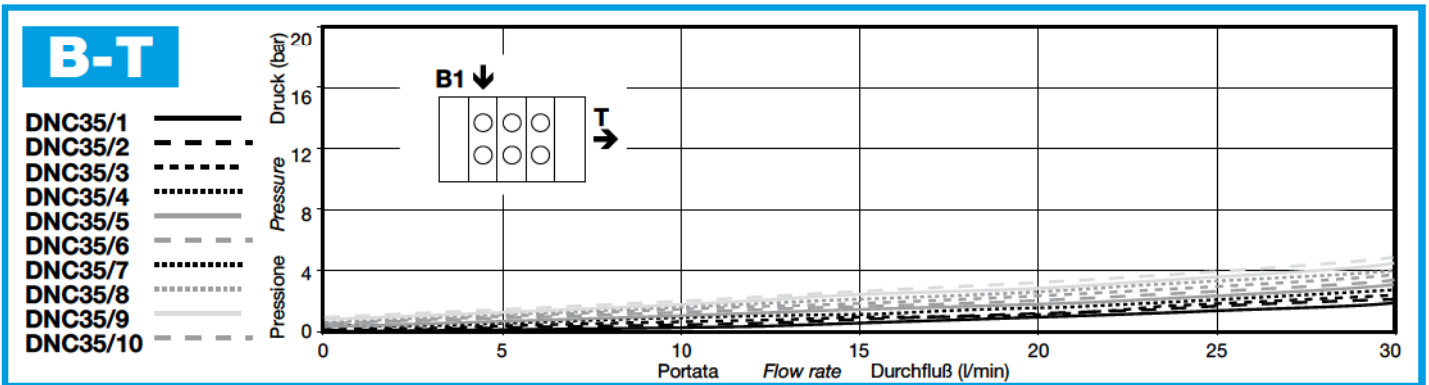
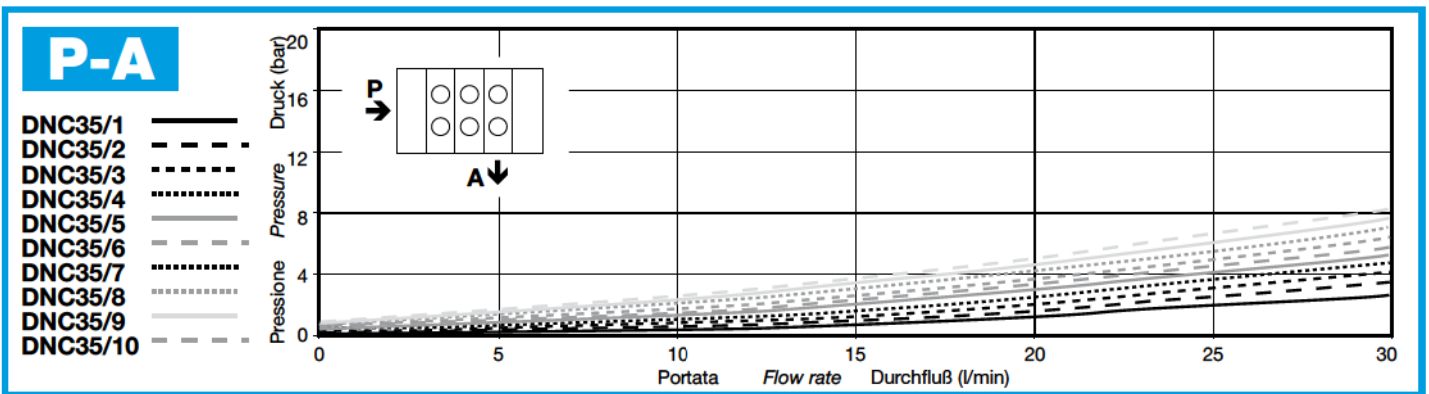
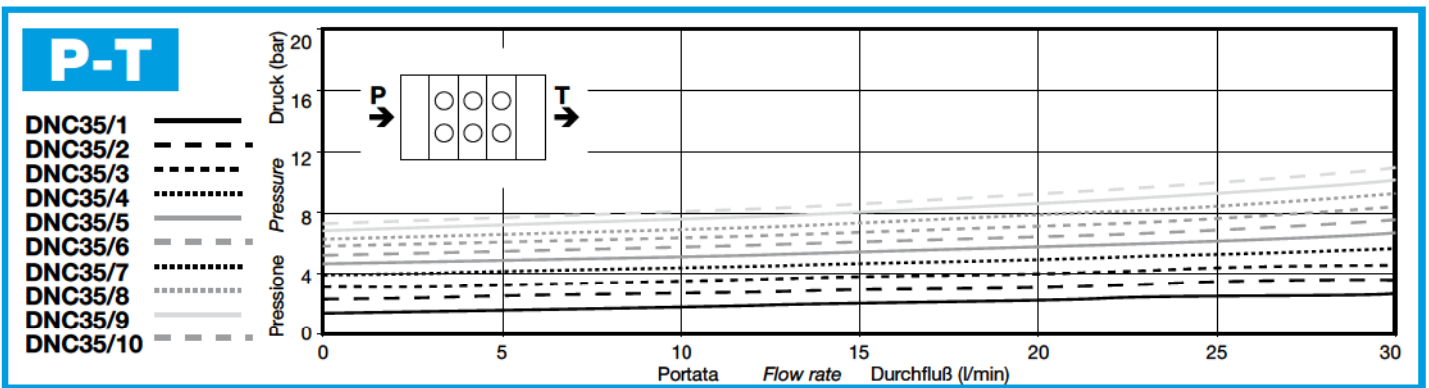
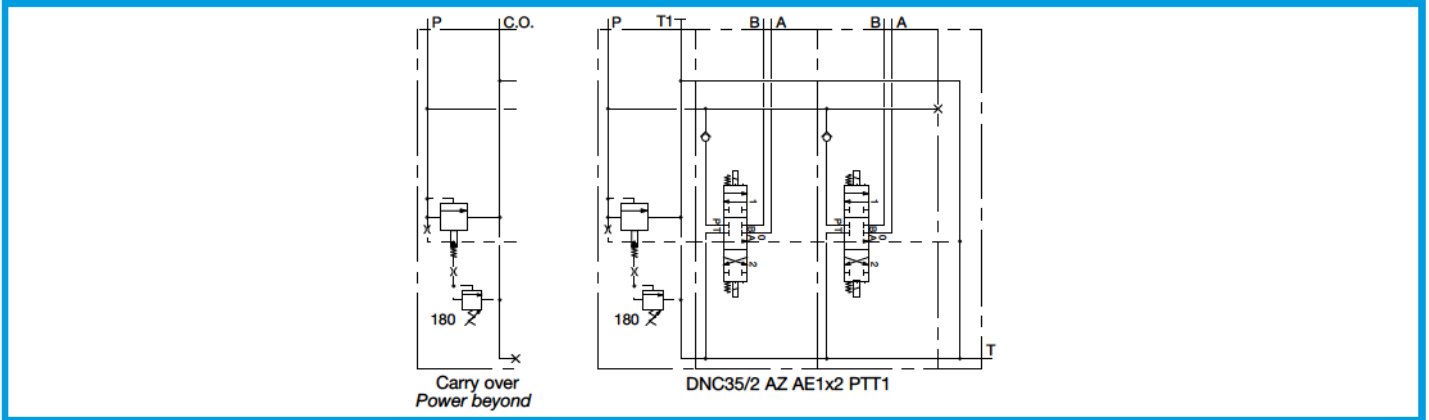
CODICE MODEL BEZEICHNUNG	TIPO TYPE GEWINDE	COPPIA DI SERRAGGIO Nm TORQUE Nm ANZUGSMOMENT Nm
C	M 18 X 1,5	35
A	3/8 Gas	40
E	3/4" UNF-16	50





SCHEMI IDRAULICI E CURVE CARATTERISTICHE
HYDRAULIC SCHEMA AND FLOW CURVES
HYDRAULISCHE SCHEMATA UND TYPISCHE KURVEN

Le curve caratteristiche in catalogo sono tipiche di prodotti di produzione testati in laboratorio e non sono necessariamente rappresentative di ogni unità.
Performance Characteristics shown in catalog are typical of production products tested in laboratory and are not necessarily representative of any other unit.
Die Werte im Katalog beziehen sich auf Standardware, die auf der Prüfbank getestet wurde und sind nicht repräsentativ für andere Einheiten.



Parametri di prova: spola circuito 1
 Testing parameters: 50°C - 21 cSt spool type 1
 Prüfparameter: steuertyp 1

CIRCUITI E SCHEMI IDRAULICI
HYDRAULIC CIRCUITS AND SCHEMES
STEUERTYPEN UND HYDRAULISCHE SCHEMATA

Le configurazioni indicate sono relative a prodotti standard. Per altre configurazioni prego contattarci.
 The following configurations are related to standard products. Please, contact us for other configurations.
 Die abgebildeten Produkte sind typische Standardwaren. Sollten Sie für Ihre Anwendung Änderungen benötigen, wenden Sie sich bitte an uns.

POSIZIONATORE SPOOL CONTROL SCHIEBERSTELLUNG	
AE	<p>Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0</p>
EE	<p>Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0</p>
FE	<p>Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0</p>
NE	<p>Posizione neutra in 0, detent in 3 Neutral position in 0, detent in 3 Neutralstellung in 0, rastend in 3</p>

CIRCUITO SPOOL TYPE STEUERTYP	POS. 3	POS. 1	POS. 0	POS. 2	POS. 4
1			P → B A → T BP →	P → T A → B BP →	P → A B → T BP →
3			P → B A → T BP →	A, B → T P → BP →	P → A B → T BP →
4			A → T P, B → BP →	P → T A → B BP →	P → A B, T → BP →
5			P → B A, T → BP →	P → T A → B BP →	P, A → B → T BP →
7		A, B → T P → BP →	P → B A → T BP →	P → T A → B BP →	P → A B → T BP →

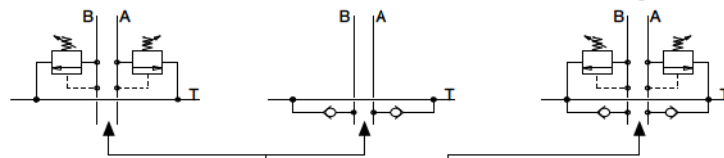
ACCESSORI
ACCESSORIES
ZUBEHÖR

Per maggiori informazioni contattateci.
 For more information please contact us.
 Bei weiteren Fragen nehmen Sie bitte Kontakt mit uns auf.

Limitatrice di pressione
 Pressure limiter device
 Druckbegrenzungs-ventile

Dispositivo anticavitazione
 Anticavitation device
 Nachsaugventil

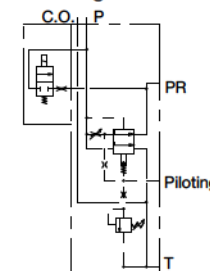
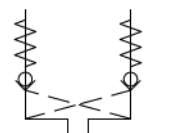
Limitatrice di pressione ed anticavitazione
 Pressure limiter and anticavitation device
 Druckbegrenzungs und nachsaugventil



Valvola di blocco
 Pilot operated
 Sperrventil

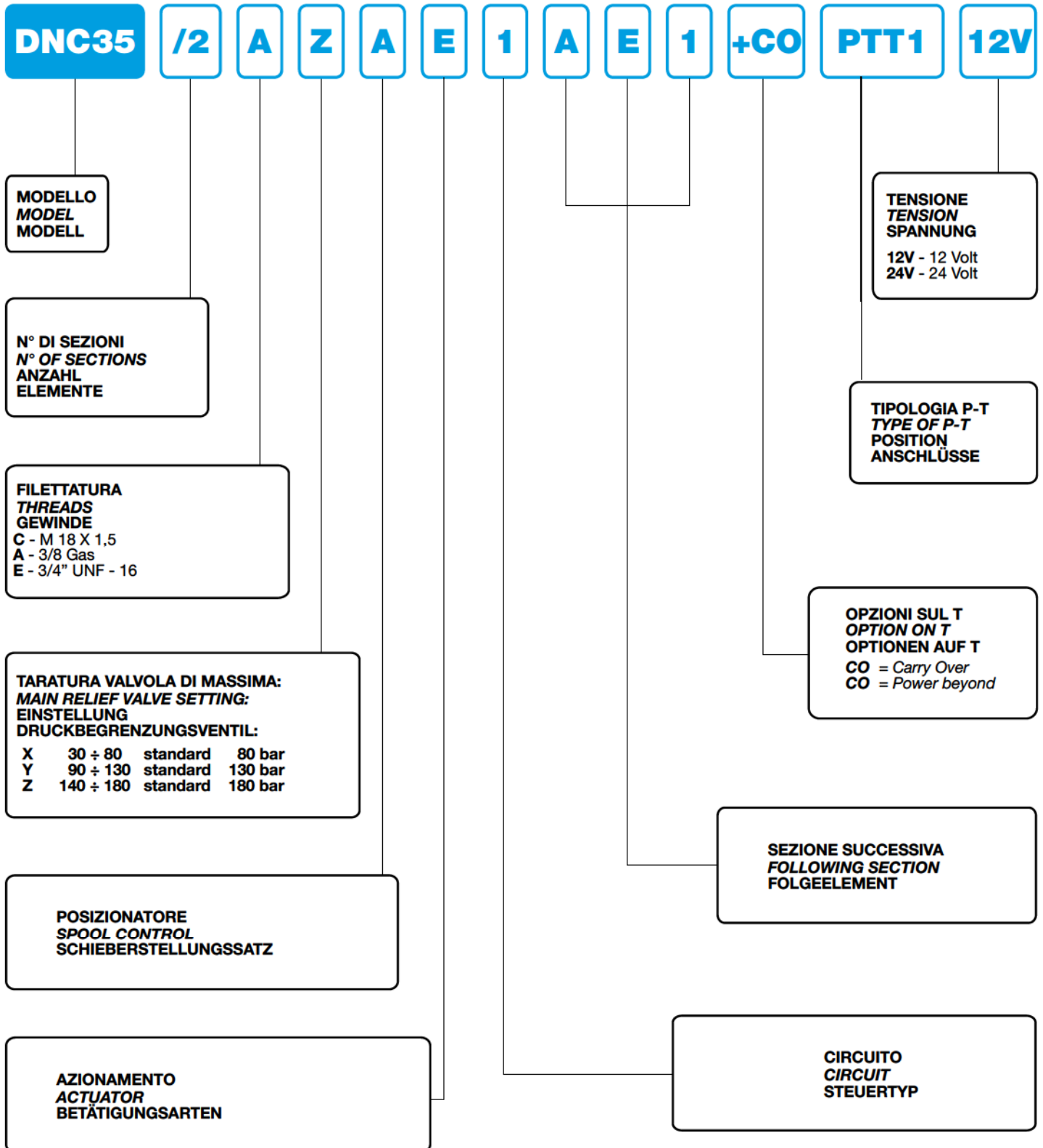
Doppia velocità
 Double speed
 Doppelte Schnelligkeit

Regolatore di flusso
 Flow regulator
 Stromregelventil





**ISTRUZIONI PER L'ORDINAZIONE
ORDERING INSTRUCTIONS
BESTELLANLEITUNG**



Notare: non dirigere getti d'acqua direttamente sulla valvola.
Note: do not wash the valve with direct water jet.
Bitte beachten: Steuergerät/Ventil nicht mit Hochdruckreiniger waschen.

DATI TECNICI TECHNICAL DATA TECHNISCHE MERKMALE

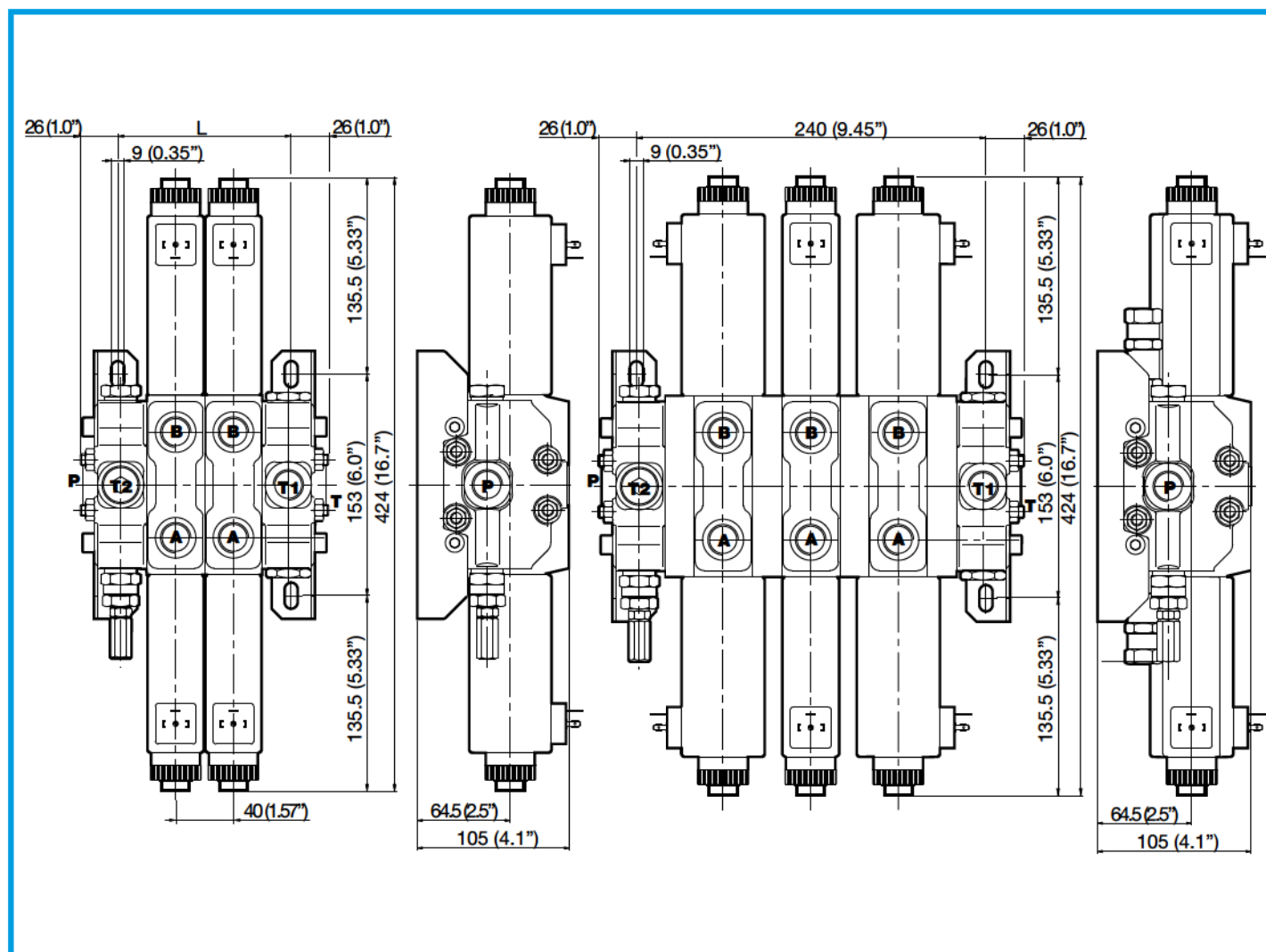
Portata nominale (max) <i>Nominal flow (max)</i> Nominaler Durchfluß (max)	60 (65) l/min 15.8 (17.2) gpm
Pressione massima <i>Maximum pressure</i> Maximaler Betriebsdruck	180 (2610) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i> Maximaler Gegendruck Tankleitung	5 (73) bar (psi)
Massima trafilata interna <i>Maximum internal leakage</i> Maximale interne Leckage	20 cc/min (21 cSt - 100 bar)
Temperatura d'utilizzo <i>Temperature range</i> Betriebstemperatur	-20°C +80°C NBR seals -20°C +130°C HNBR seals
Viscosità olio <i>Oil viscosity</i> Ölviskosität	Da 10 cSt a 100 cSt <i>From 10 cSt to 100 cSt</i> Von 10 cSt nach 100 cSt
Fluido <i>Fluid</i> Öl	Olio a base minerale <i>Mineral based oil</i> Mineral Öl

DIMENSIONI SIZE ABMESSUNGEN

MOD. MOD. MOD.	L mm (inch)	MASSA kg (lb) WEIGHT kg (lb) GEWICHT kg (lb)	MOD. MOD. MOD.	L mm (inch)	MASSA kg (lb) WEIGHT kg (lb) GEWICHT kg (lb)
DNC65/1	80 (3.15)	9.5 (20.9)	DNC65/6	280 (11.02)	34.5 (75.9)
DNC65/2	120 (4.72)	14.5 (31.9)	DNC65/7	320 (12.59)	39.5 (86.9)
DNC65/3	160 (6.3)	19.5 (42.9)	DNC65/8	360 (14.17)	44.5 (97.9)
DNC65/4	200 (7.87)	24.5 (53.9)	DNC65/9	400 (15.74)	49.5 (108.9)
DNC65/5	240 (9.45)	29.5 (64.9)	DNC65/10	440 (17.32)	54.5 (119.9)

FILETTATURA THREAD GEWINDE

CODICE MODEL BEZEICHNUNG	TIPO TYPE GEWINDE	COPPIA DI SERRAGGIO Nm TORQUE Nm ANZUGSMOMENT Nm
N	M 22 X 1,5	80
B	1/2 Gas	70
R	7/8" UNF-14	80



Nota: sono disponibili valvole limitatrici solo su prima ed ultima sezione con l'aggiunta di piastre da 20 mm.

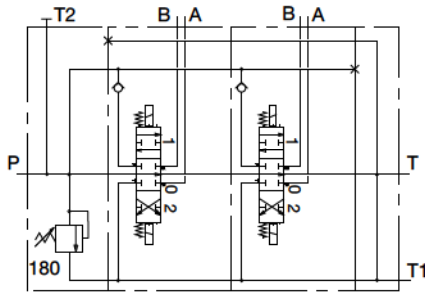
Note: relief valve are available only for first and last section with plate spacer 0.78 inch.

Bitte beachten: Begrenzungsventile sind nur auf dem ersten oder letzten Element erhältlich. Dabei wird eine Zwischenplatte von 20 mm Dicke verwendet.

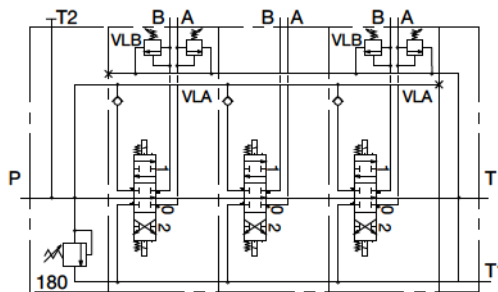


SCHEMI IDRAULICI E CURVE CARATTERISTICHE
HYDRAULIC SCHEMA AND FLOW CURVES
HYDRAULISCHE SCHEMATA UND TYPISCHE KURVEN

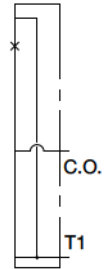
Le curve caratteristiche in catalogo sono tipiche di prodotti di produzione testati in laboratorio e non sono necessariamente rappresentative di ogni unità.
Performance Characteristics shown in catalog are typical of production products tested in laboratory and are not necessarily representative of any other unit.
Die Werte im Katalog beziehen sich auf Standardware, die auf der Prüfbank getestet wurde und sind nicht repräsentativ für andere Einheiten.



DNC65/2 BZ AE1X2 PP1TT1



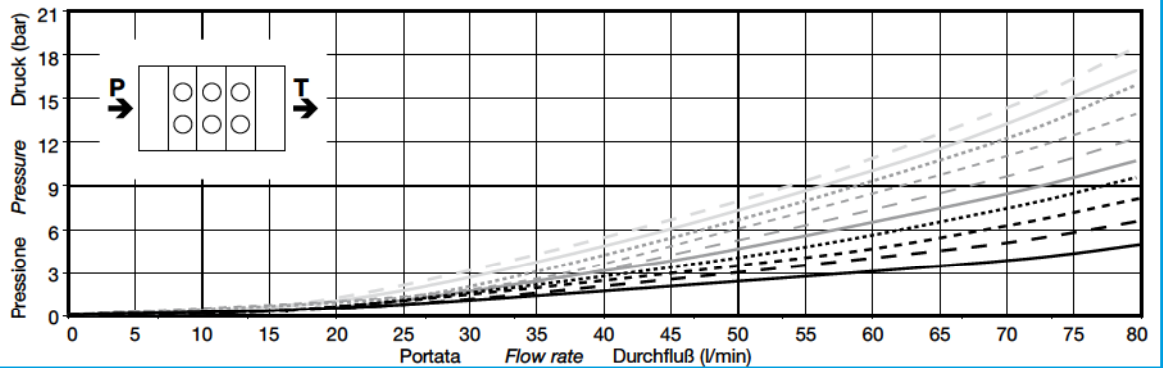
DNC65/3 BZ AE1VLAB AE1 AE1VLAB PP1TT1



Carry over
Power beyond

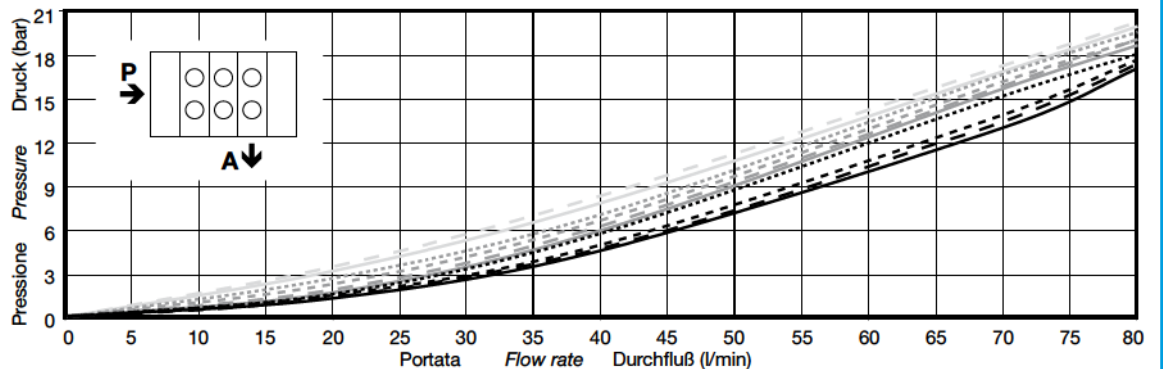
P-T

- DNC65/1 ———
- DNC65/2 - - - - -
- DNC65/3 ·····
- DNC65/4 ·····
- DNC65/5 ———
- DNC65/6 - - - - -
- DNC65/7 ·····
- DNC65/8 ·····
- DNC65/9 ———
- DNC65/10 - - - - -



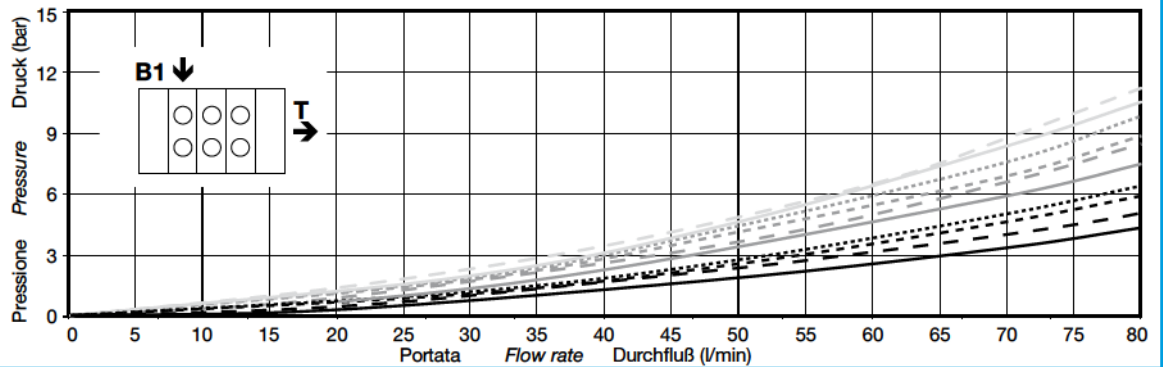
P-A

- DNC65/1 ———
- DNC65/2 - - - - -
- DNC65/3 ·····
- DNC65/4 ·····
- DNC65/5 ———
- DNC65/6 - - - - -
- DNC65/7 ·····
- DNC65/8 ·····
- DNC65/9 ———
- DNC65/10 - - - - -



B-T

- DNC65/1 ———
- DNC65/2 - - - - -
- DNC65/3 ·····
- DNC65/4 ·····
- DNC65/5 ———
- DNC65/6 - - - - -
- DNC65/7 ·····
- DNC65/8 ·····
- DNC65/9 ———
- DNC65/10 - - - - -



Parametri di prova: spola circuito 1
Testing parameters: 50°C - 21 cSt spool type 1
Prüfparameter: steuertyp 1

CIRCUITI E SCHEMI IDRAULICI
HYDRAULIC CIRCUITS AND SCHEMES
STEUERTYPEN UND HYDRAULISCHE SCHEMATA

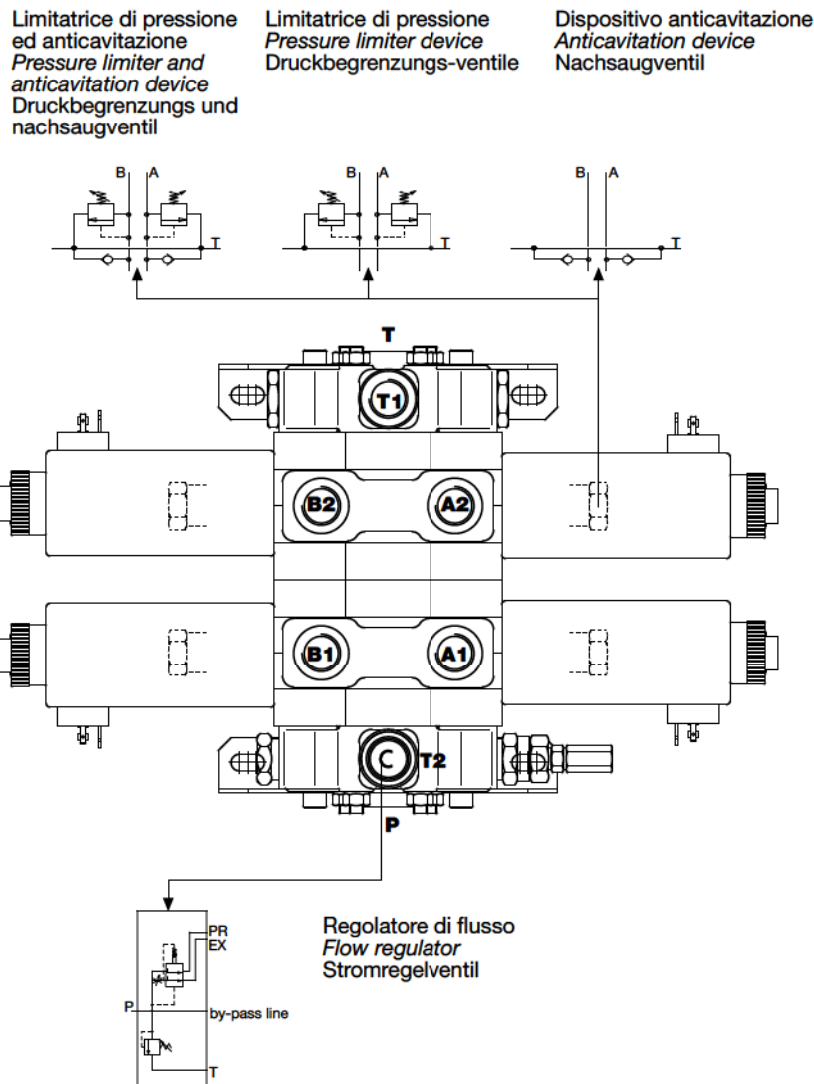
Le configurazioni indicate sono relative a prodotti standard. Per altre configurazioni prego contattarci.
 The following configurations are related to standard products. Please, contact us for other configurations.
 Die abgebildeten Produkte sind typische Standardwaren. Sollten Sie für Ihre Anwendung Änderungen benötigen, wenden Sie sich bitte an uns.

POSIZIONATORE SPOOL CONTROL SCHIEBERSTELLUNG	
AE	<p>Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0</p>
EE	<p>Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0</p>
FE	<p>Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0</p>

CIRCUITO SPOOL TYPE STEUERTYP	POS. 3	POS. 1	POS. 0	POS. 2	POS. 4
1		P → B A → T BP →	P → T A → B BP →	P → A B → T BP →	
3		P → B A → T BP →	A, B → T P →	P → A B → T BP →	
4		A → T P, B → BP →	P → T A → B BP →	P → A B, T → BP →	
5		P → B A, T → BP →	P → T A → B BP →	P, A → A → B BP →	

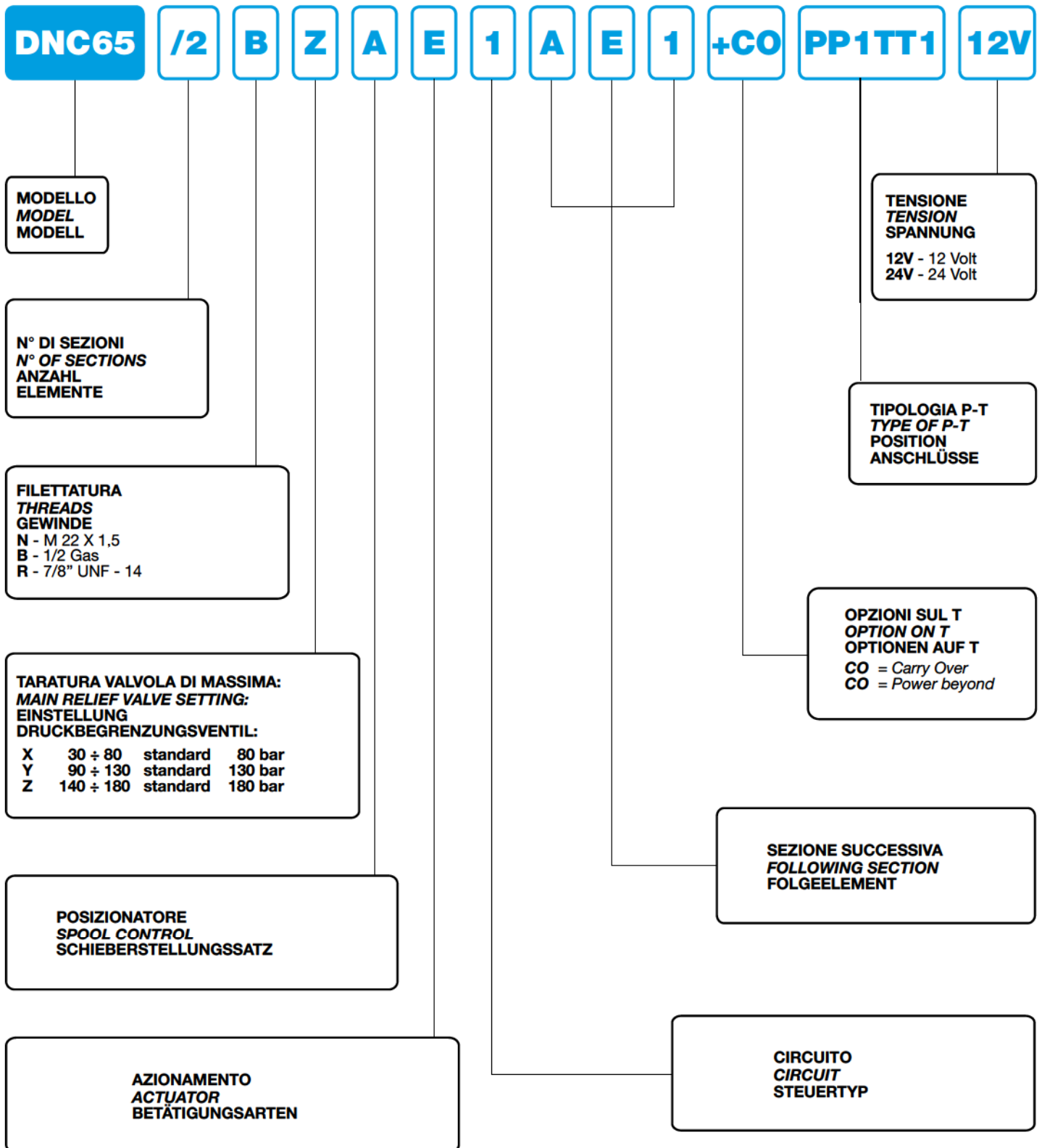
ACCESSORI
ACCESSORIES
ZUBEHÖR

Per maggiori informazioni contattateci.
 For more information please contact us.
 Bei weiteren Fragen nehmen Sie bitte Kontakt mit uns auf.





**ISTRUZIONI PER L'ORDINAZIONE
ORDERING INSTRUCTIONS
BESTELLANLEITUNG**



Notare: non dirigere getti d'acqua direttamente sulla valvola.
Note: do not wash the valve with direct water jet.
Bitte beachten: Steuergerät/Ventil nicht mit Hochdruckreiniger waschen.

DATI TECNICI TECHNICAL DATA TECHNISCHE MERKMALE

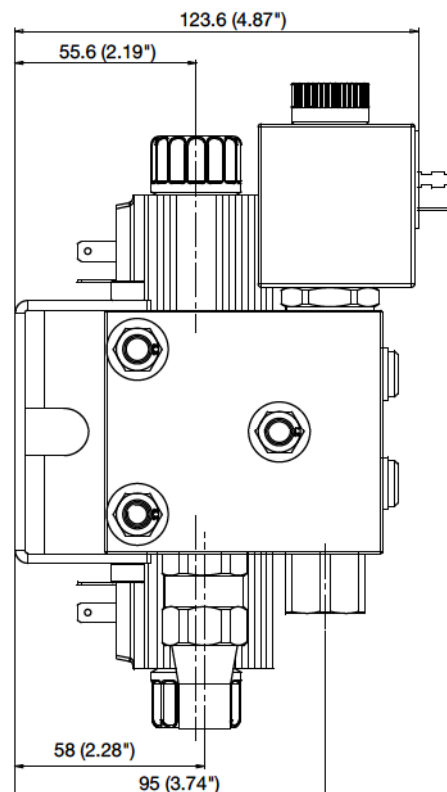
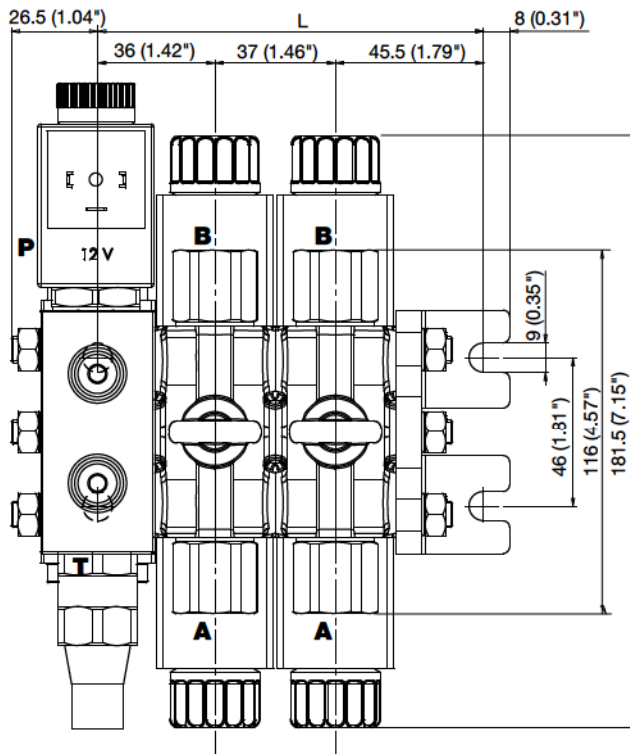
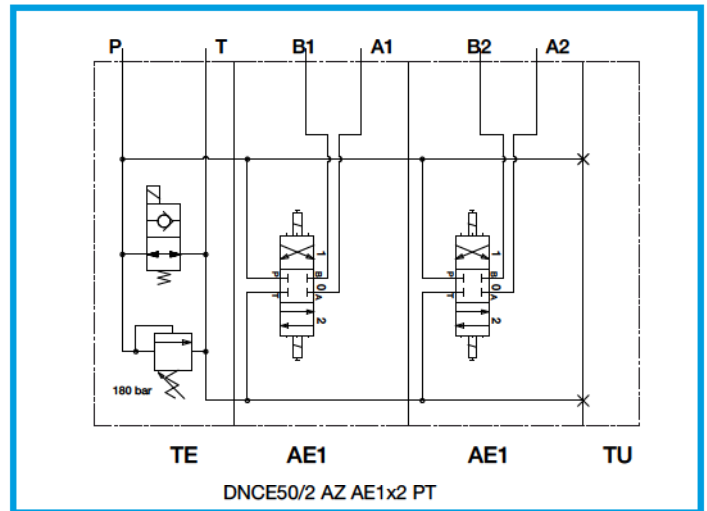
Portata nominale (max) <i>Nominal flow (max)</i> Nominaler Durchfluß (max)	50 (70) l/min 13.2 (18.5) gpm
Pressione massima <i>Maximum pressure</i> Maximaler Betriebsdruck	250 (3625) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i> Maximaler Gegendruck Tankleitung	50 (725) bar (psi)
Massima trafila interna <i>Maximum internal leakage</i> Maximale interne Leckage	40 cc/min ± 20 con VBD < 2 cc/min (21 cSt - 100 bar)
Temperatura d'utilizzo <i>Temperature range</i> Betriebstemperatur	-20°C +80°C NBR seals
Viscosità olio <i>Oil viscosity</i> Ölviskosität	Da 10 cSt a 100 cSt <i>From 10 cSt to 100 cSt</i> Von 10 cSt nach 100 cSt
Fluido <i>Fluid</i> Öl	Olio a base minerale <i>Mineral based oil</i> Mineral Öl

FILETTATURA THREAD GEWINDE

CODICE MODEL BEZEICHNUNG	TIPO TYPE GEWINDE	COPPIA DI SERRAGGIO Nm TORQUE Nm ANZUGSMOMENT Nm
C	M 18 X 1,5	35
B	3/8 Gas	40
R	3/4" UNF-16	50

DIMENSIONI SIZE ABMESSUNGEN

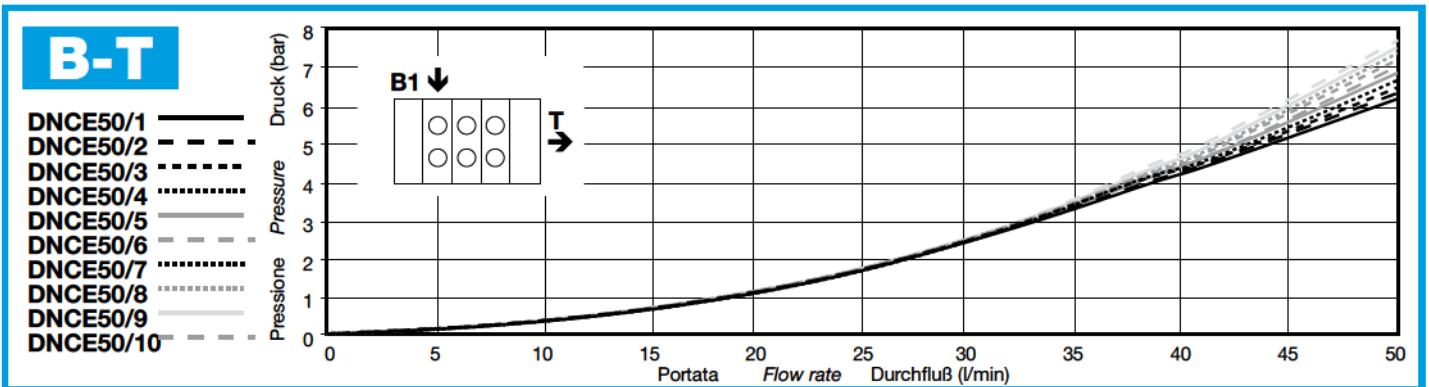
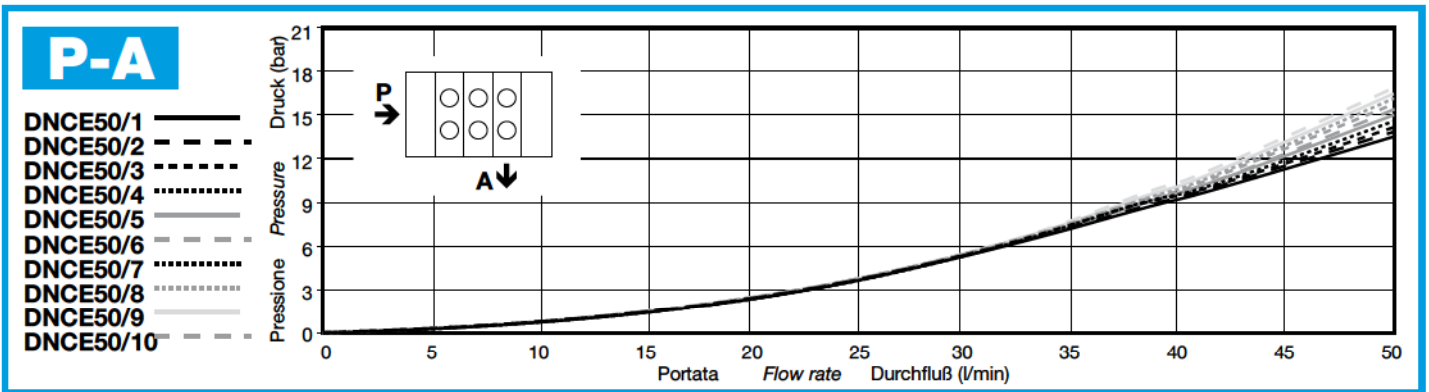
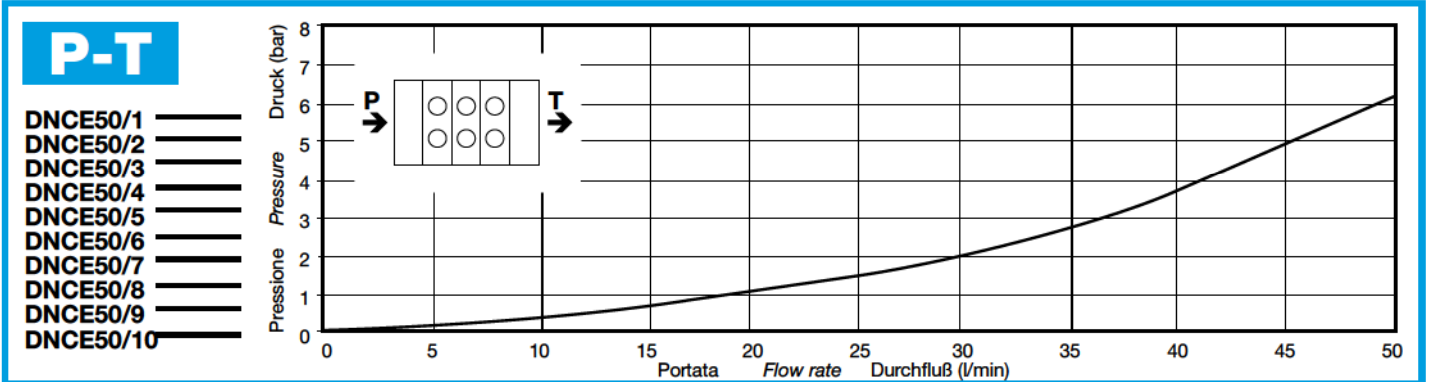
MOD. MOD. MOD.	L mm (inch)	MASSA kg (lb) WEIGHT kg (lb) GEWICHT kg (lb)	MOD. MOD. MOD.	L mm (inch)	MASSA kg (lb) WEIGHT kg (lb) GEWICHT kg (lb)
DNCE50/1	81.5 (3.21)	4.4 (9.70)	DNCE50/6	266.5 (10.49)	12.4 (27.34)
DNCE50/2	118.5 (4.67)	6.0 (13.23)	DNCE50/7	303.5 (11.95)	14.0 (30.86)
DNCE50/3	155.5 (6.12)	7.6 (16.76)	DNCE50/8	340.5 (13.41)	15.6 (34.39)
DNCE50/4	192.5 (7.58)	9.2 (20.28)			
DNCE50/5	229.5 (9.04)	10.8 (23.81)			





CURVE CARATTERISTICHE
FLOW CURVES
TYPISCHE KURVEN

Le curve caratteristiche in catalogo sono tipiche di prodotti di produzione testati in laboratorio e non sono necessariamente rappresentative di ogni unità.
Performance Characteristics shown in catalog are typical of production products tested in laboratory and are not necessarily representative of any other unit.
Die Werte im Katalog beziehen sich auf Standardware, die auf der Prüfbank getestet wurde und sind nicht repräsentativ für andere Einheiten.



CIRCUITI E SCHEMI IDRAULICI
HYDRAULIC CIRCUITS AND SCHEMES
STEUERTYPEN UND HYDRAULISCHE SCHEMATA

Le configurazioni indicate sono relative a prodotti standard. Per altre configurazioni prego contattarci.
 The following configurations are related to standard products. Please, contact us for other configurations.
 Die abgebildeten Produkte sind typische Standardwaren. Sollten Sie für Ihre Anwendung Änderungen benötigen, wenden Sie sich bitte an uns.

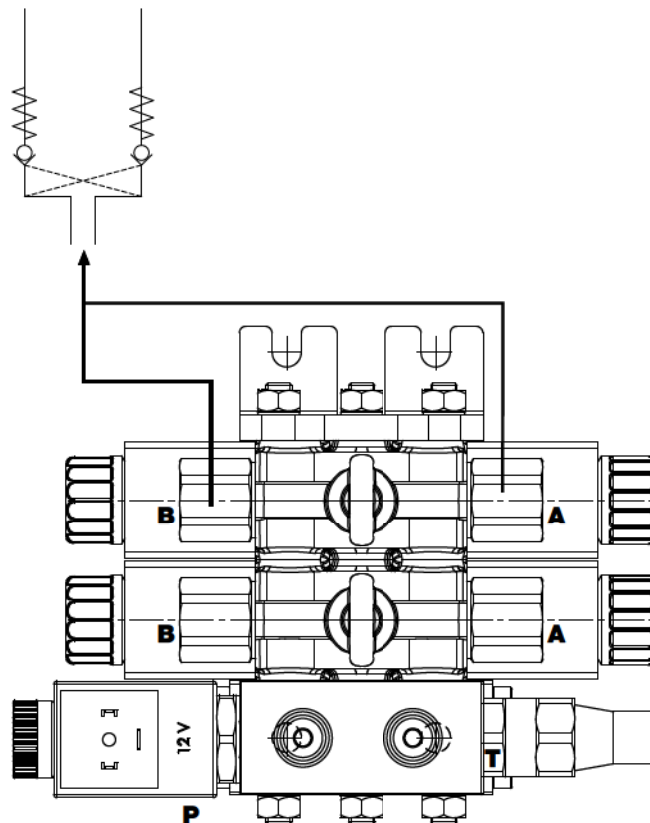
POSIZIONATORE SPOOL CONTROL SCHIEBERSTELLUNG	
AE	<p>Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0</p>
EE	<p>Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0</p>
FE	<p>Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0</p>

CIRCUITO SPOOL TYPE STEUERTYP	POS. 3	POS. 1	POS. 0	POS. 2	POS. 4
1		<p>P → B A → T</p> <p>P → T A → B</p> <p>P → A B → T</p>			
3		<p>P → B A → T</p> <p>A, B → T P → T</p> <p>P → A B → T</p>			
38		<p>P → B A → T</p> <p>P, A, B → T</p> <p>P → A B → T</p>			

ACCESSORI
ACCESSORIES
ZUBEHÖR

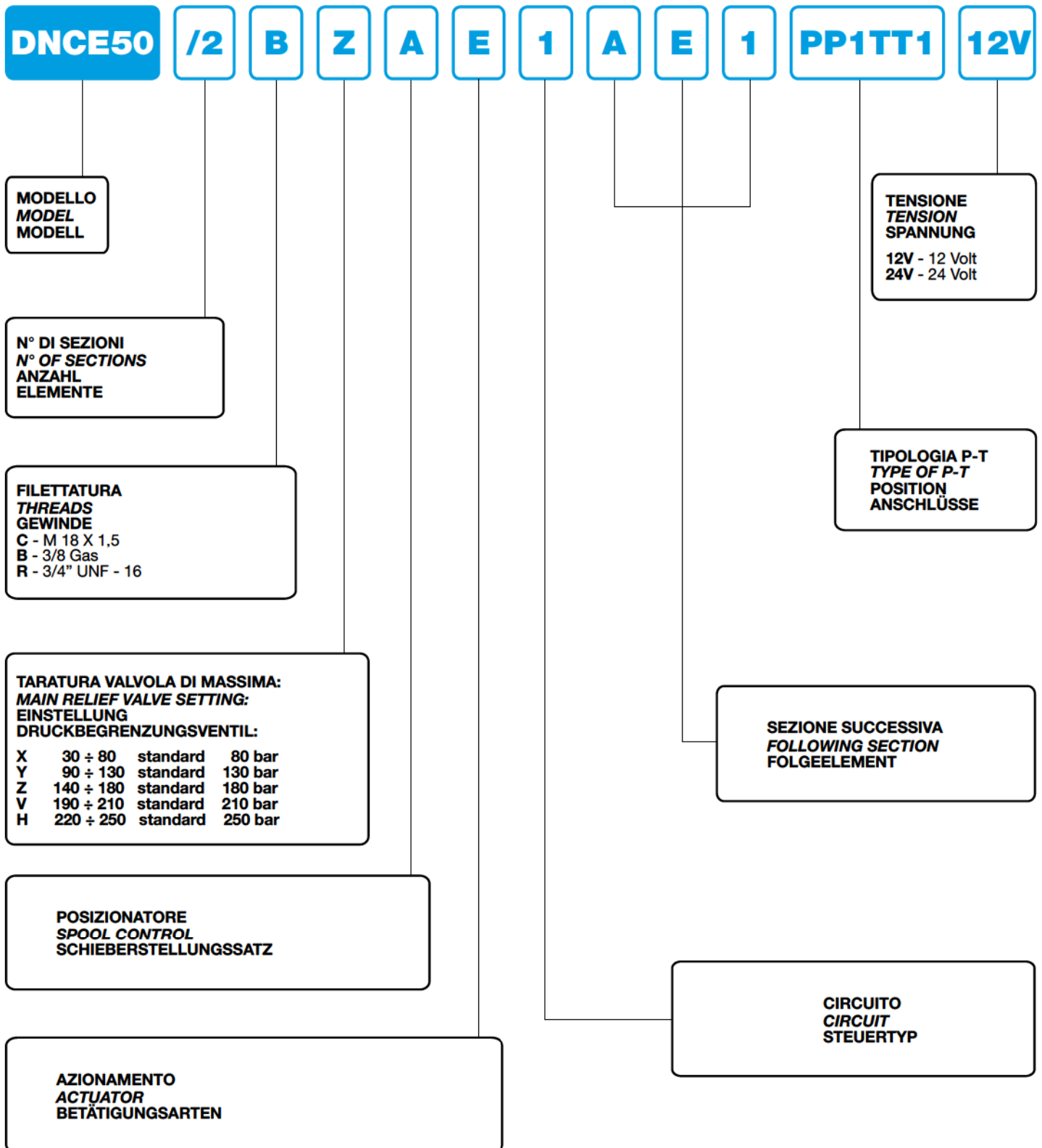
Per maggiori informazioni contattateci.
 For more information please contact us.
 Bei weiteren Fragen nehmen Sie bitte Kontakt mit uns auf.

(VBD) Valvola di blocco
 Pilot operated
 Sperrventil





**ISTRUZIONI PER L'ORDINAZIONE
ORDERING INSTRUCTIONS
BESTELLANLEITUNG**



Notare: non dirigere getti d'acqua direttamente sulla valvola.
Note: do not wash the valve with direct water jet.
Bitte beachten: Steuergerät/Ventil nicht mit Hochdruckreiniger waschen.

DATI TECNICI TECHNICAL DATA TECHNISCHE MERKMALE

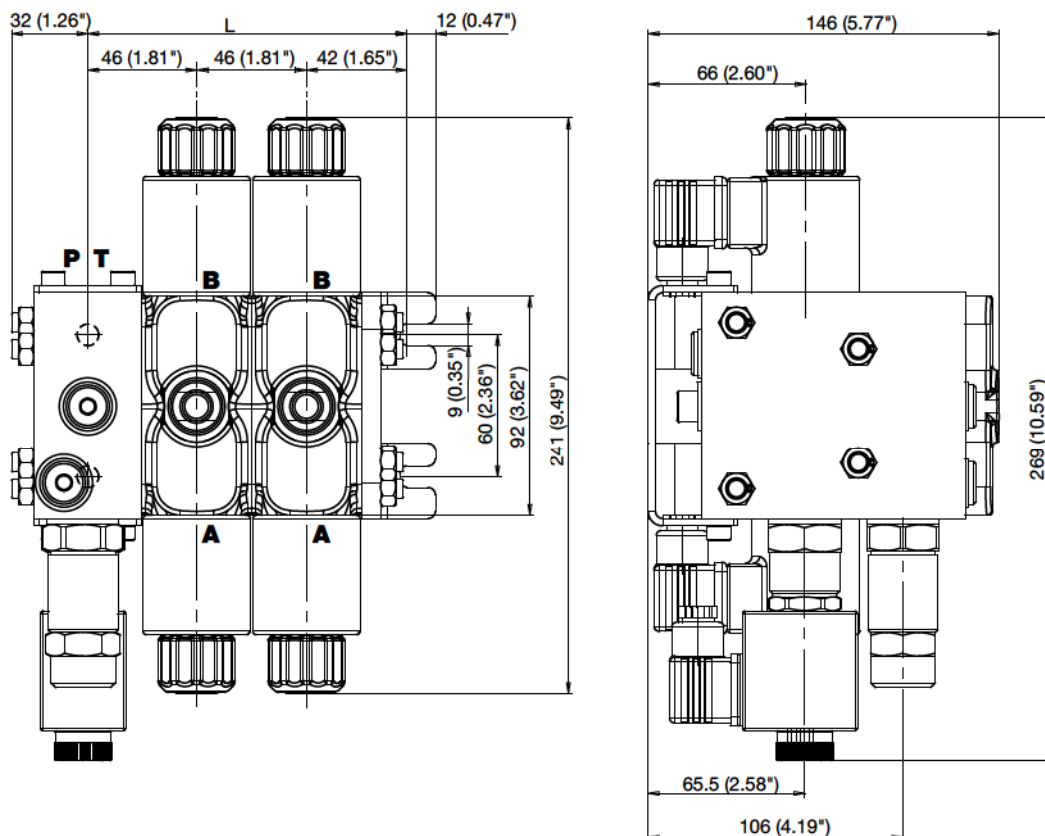
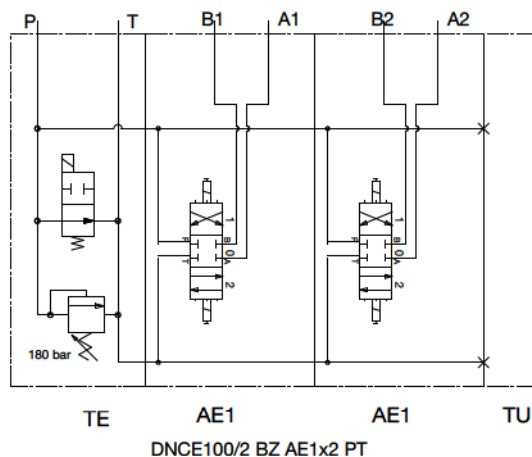
Portata nominale (max) <i>Nominal flow (max)</i> Nominaler Durchfluß (max)	90 (100) l/min 23.6 (26.2) gpm
Pressione massima <i>Maximum pressure</i> Maximaler Betriebsdruck	250 (3625) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i> Maximaler Gegendruck Tankleitung	50 (725) bar (psi)
Massima trafila interna <i>Maximum internal leakage</i> Maximale interne Leckage	40 cc/min ± 20 con VBD < 2 cc/min (21 cSt - 100 bar)
Temperatura d' utilizzo <i>Temperature range</i> Betriebstemperatur	-20°C +80°C NBR seals
Viscosità olio <i>Oil viscosity</i> Ölviskosität	Da 10 cSt a 100 cSt <i>From 10 cSt to 100 cSt</i> Von 10 cSt nach 100 cSt
Fluido <i>Fluid</i> Öl	Olio a base minerale <i>Mineral based oil</i> Mineral Öl

FILETTATURA THREAD GEWINDE

CODICE MODEL BEZEICHNUNG	TIPO TYPE GEWINDE	COPPIA DI SERRAGGIO Nm TORQUE Nm ANZUGSMOMENT Nm	T-T1 TIPO TYPE GEWINDE
N	M 22 X 1,5	80	M 27 X 2
B	1/2 Gas	70	3/4 Gas
R	7/8" UNF-14	80	1"1/16 UNF-12

DIMENSIONI SIZE ABMESSUNGEN

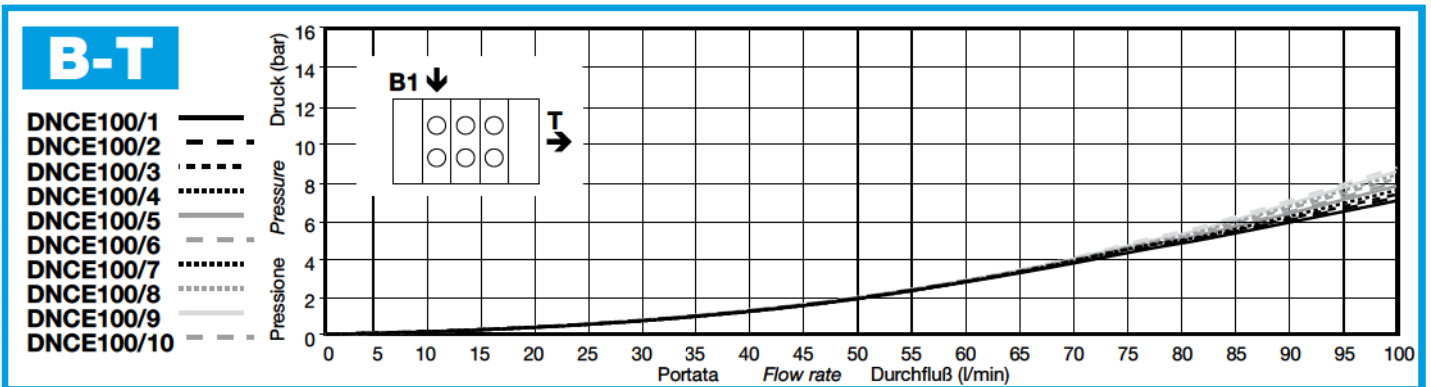
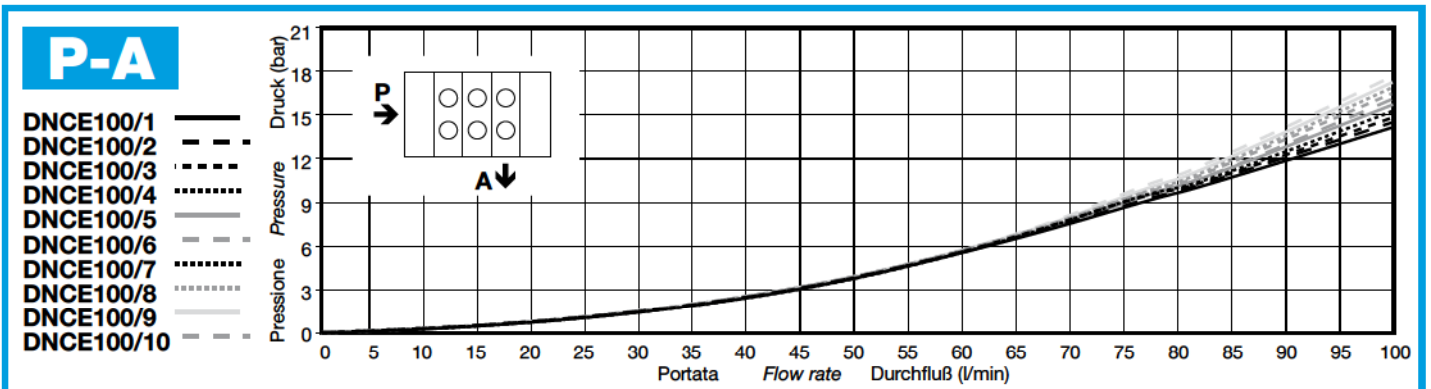
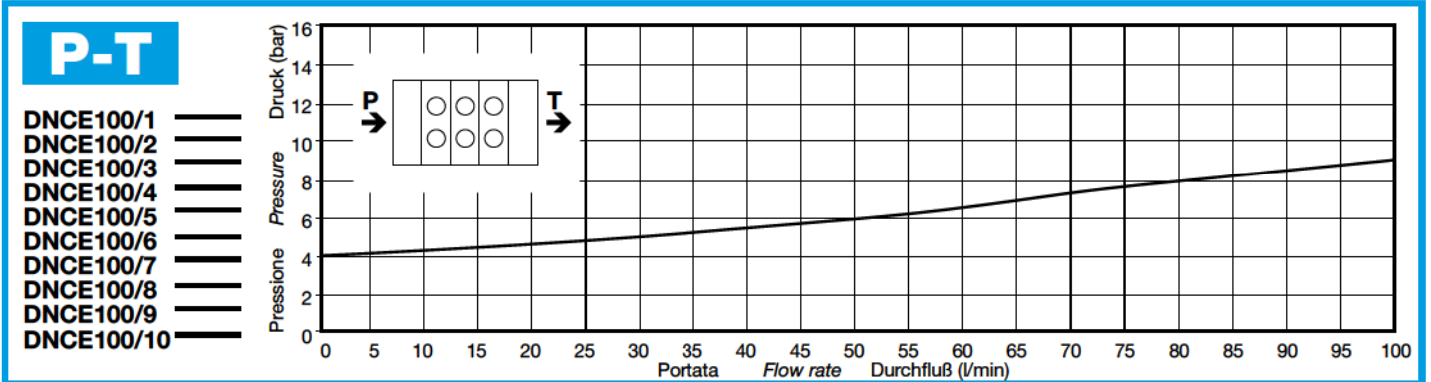
MOD. MOD. MOD.	L mm (inch)	MASSA kg (lb) WEIGHT kg (lb) GEWICHT kg (lb)	MOD. MOD. MOD.	L mm (inch)	MASSA kg (lb) WEIGHT kg (lb) GEWICHT kg (lb)
DNCE100/1	90 (3.50)	10.4 (22.93)	DNCE100/6	320 (12.56)	30.9 (68.12)
DNCE100/2	136 (5.31)	14.5 (31.97)	DNCE100/7	366 (14.37)	35 (77.16)
DNCE100/3	182 (7.13)	18.6 (41.01)	DNCE100/8	412 (16.18)	39.1 (86.2)
DNCE100/4	228 (8.94)	22.7 (50.05)			
DNCE100/5	274 (10.75)	26.8 (59.08)			





CURVE CARATTERISTICHE
FLOW CURVES
TYPISCHE KURVEN

Le curve caratteristiche in catalogo sono tipiche di prodotti di produzione testati in laboratorio e non sono necessariamente rappresentative di ogni unità.
Performance Characteristics shown in catalog are typical of production products tested in laboratory and are not necessarily representative of any other unit.
Die Werte im Katalog beziehen sich auf Standardware, die auf der Prüfbank getestet wurde und sind nicht repräsentativ für andere Einheiten.



CIRCUITI E SCHEMI IDRAULICI
HYDRAULIC CIRCUITS AND SCHEMES
STEUERTYPEN UND HYDRAULISCHE SCHEMATA

Le configurazioni indicate sono relative a prodotti standard. Per altre configurazioni prego contattarci.
 The following configurations are related to standard products. Please, contact us for other configurations.
 Die abgebildeten Produkte sind typische Standardwaren. Sollten Sie für Ihre Anwendung Änderungen benötigen, wenden Sie sich bitte an uns.

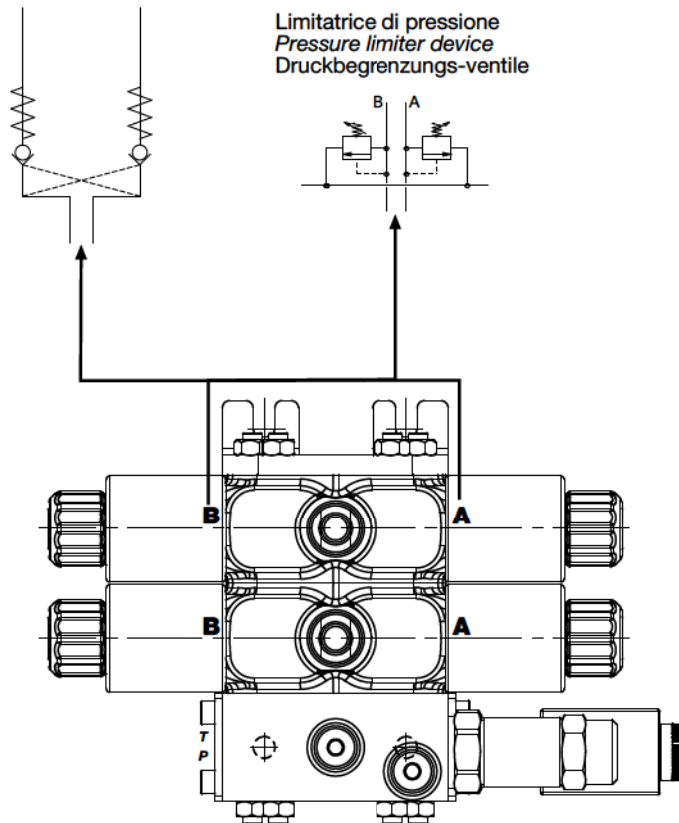
POSIZIONATORE SPOOL CONTROL SCHIEBERSTELLUNG		CIRCUITO SPOOL TYPE STEUERTYP				
		POS. 3	POS. 1	POS. 0	POS. 2	POS. 4
AE						
EE						
FE						

ACCESSORI
ACCESSORIES
ZUBEHÖR

Per maggiori informazioni contattateci.
 For more information please contact us.
 Bei weiteren Fragen nehmen Sie bitte Kontakt mit uns auf.

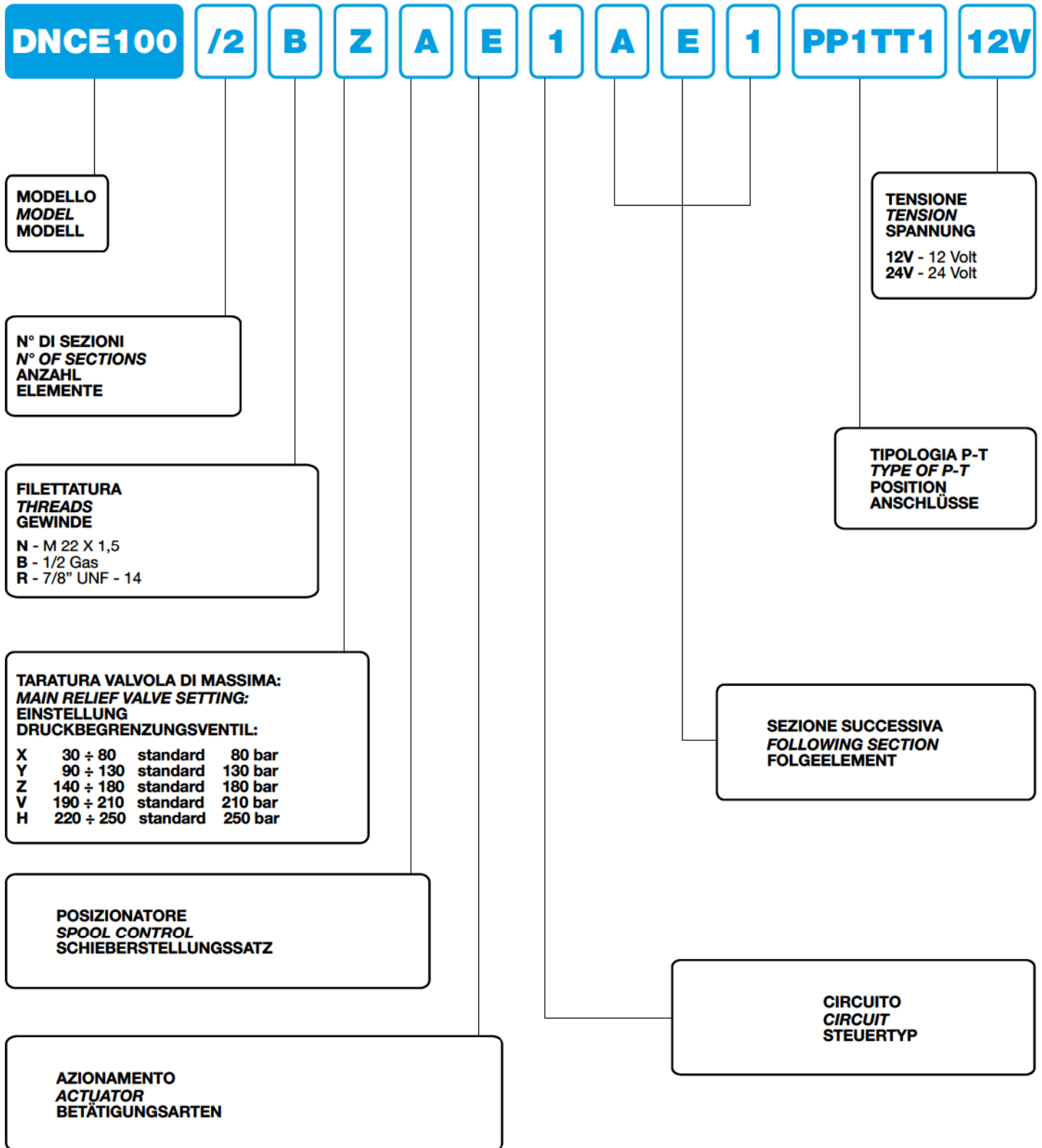
(VBD) Valvola di blocco
 Pilot operated
 Sperrventil

Limitatrice di pressione
 Pressure limiter device
 Druckbegrenzungs-ventile

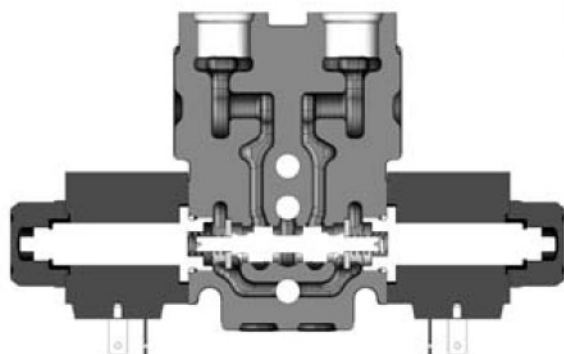




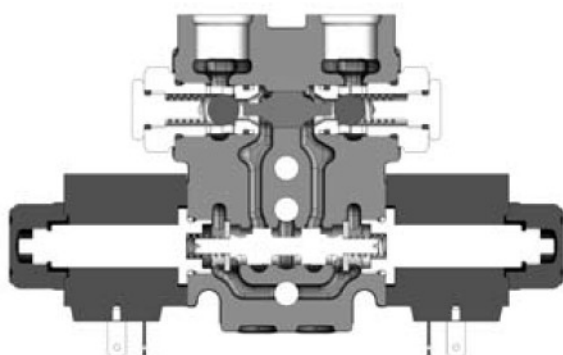
**ISTRUZIONI PER L'ORDINAZIONE
ORDERING INSTRUCTIONS
BESTELLANLEITUNG**



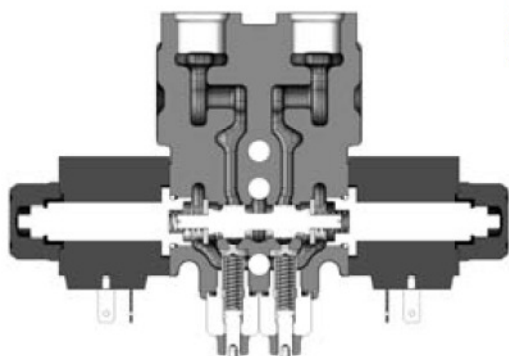
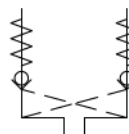
Notare: non dirigere getti d'acqua direttamente sulla valvola.
Note: do not wash the valve with direct water jet.
Bitte beachten: Steuergerät/Ventil nicht mit Hochdruckreiniger waschen.



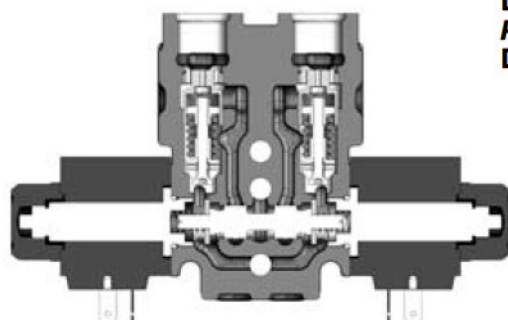
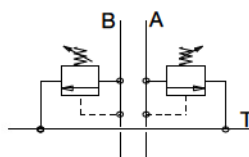
**ATTACCHI SUPERIORI
TOP PORTS
TOP-PORTS**



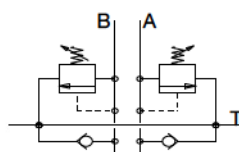
**VALVOLA DI BLOCCO
PILOT OPERATED
SPERRVENTIL**

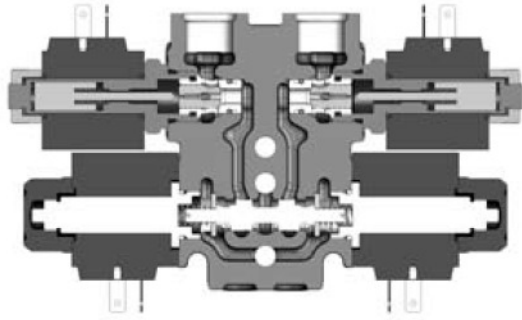


**LIMITATRICE DI PRESSIONE
PRESSURE LIMITER DEVICE
DRUCKBEGRENZUNGS-VENTILE**

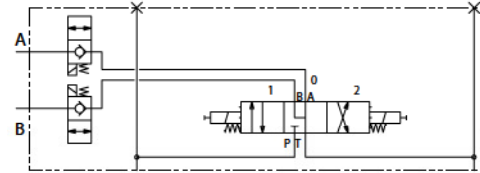


**LIMITATRICE DI PRESSIONE ED ANTICAVITAZIONE
PRESSURE LIMITER AND ANTICAVITATION DEVICE
DRUCKBEGRENZUNGS UND NACHSAUGVENTIL**

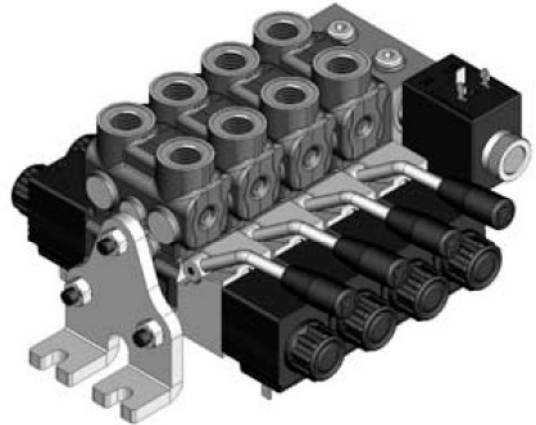
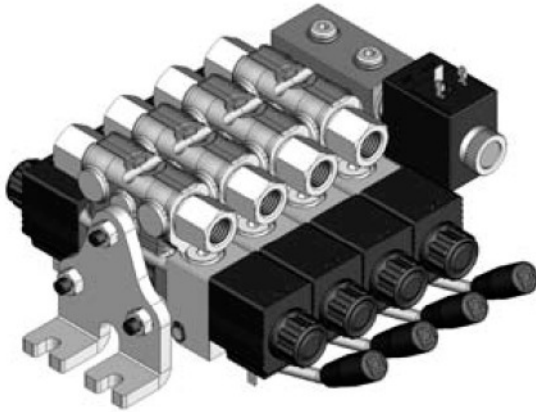




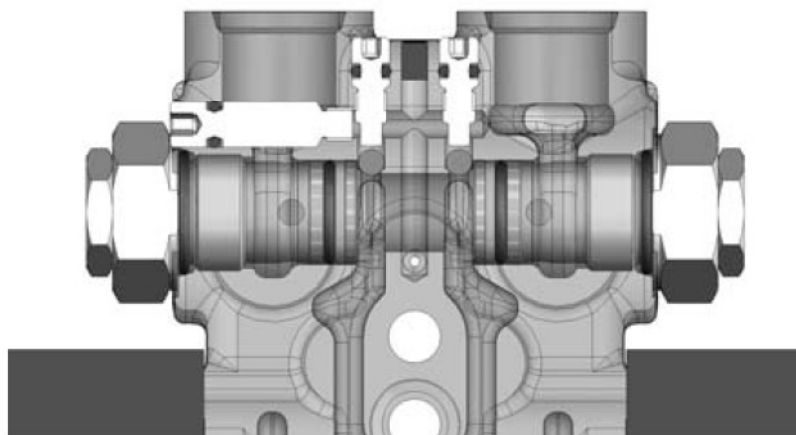
**FLOTTANTE ELETTRICO
ELECTRIC FLOAT
ELECTRIC FLOAT**



**COMANDO A LEVA
MANUAL LEVER OVERRIDE
NOTBETÄTIGUNG MIT HEBEL**

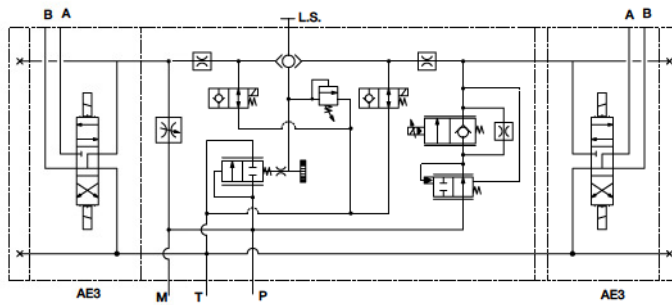
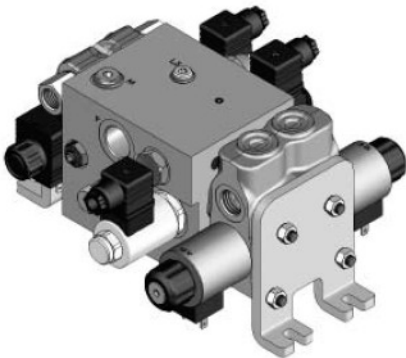
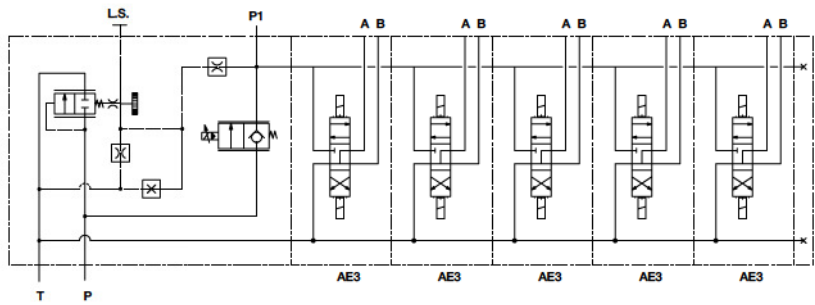
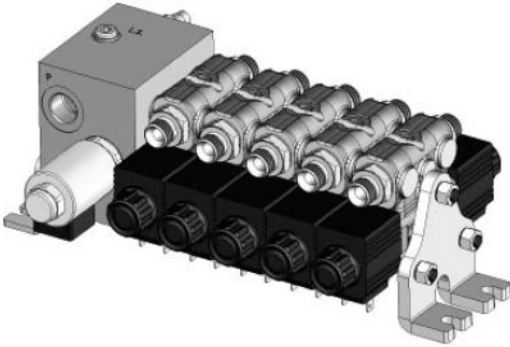
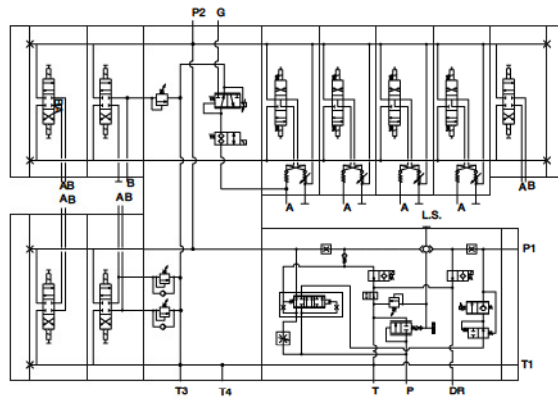
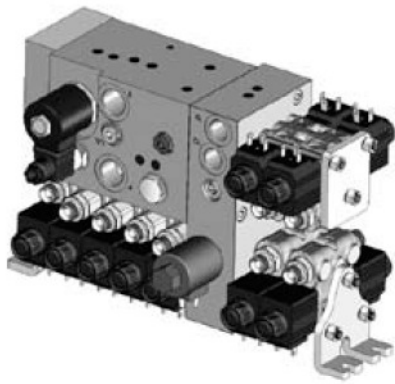
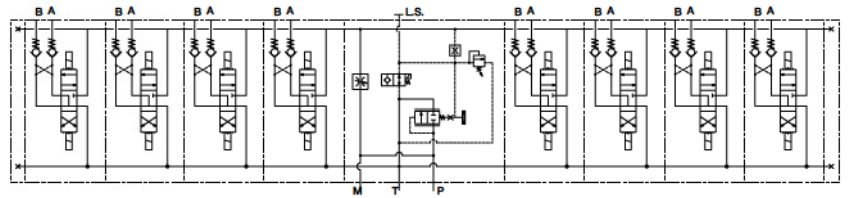
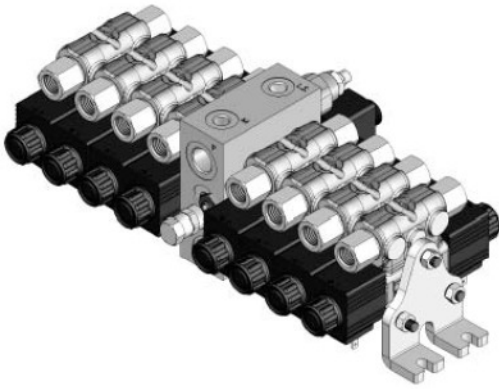


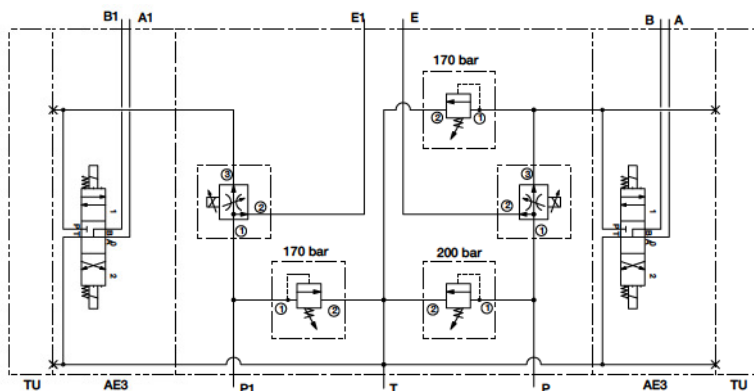
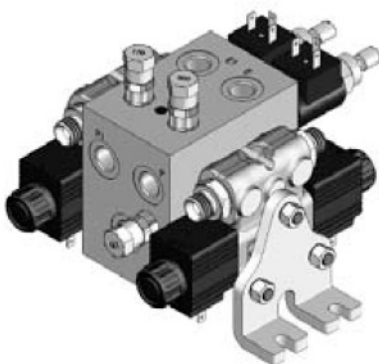
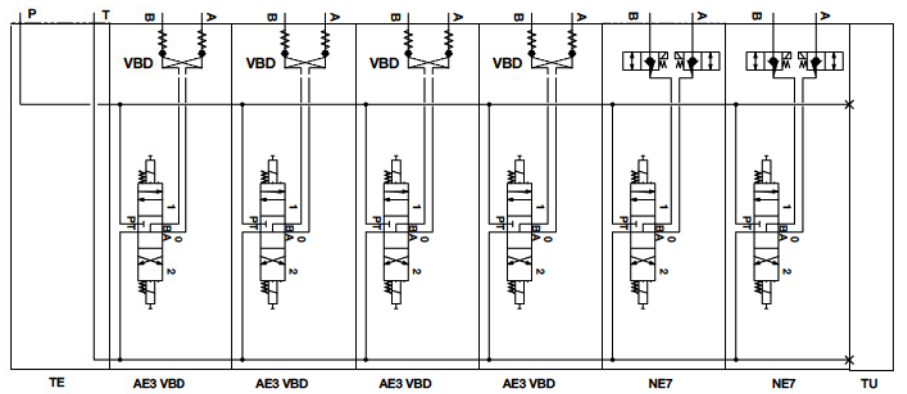
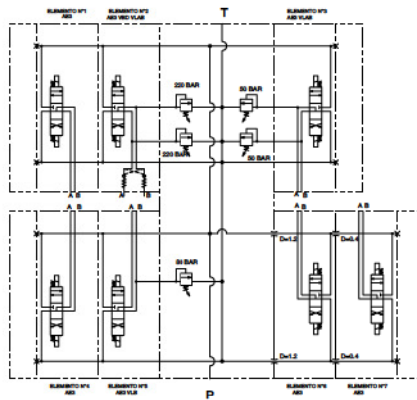
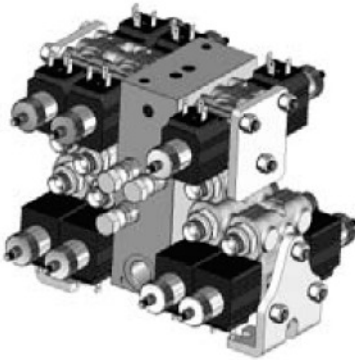
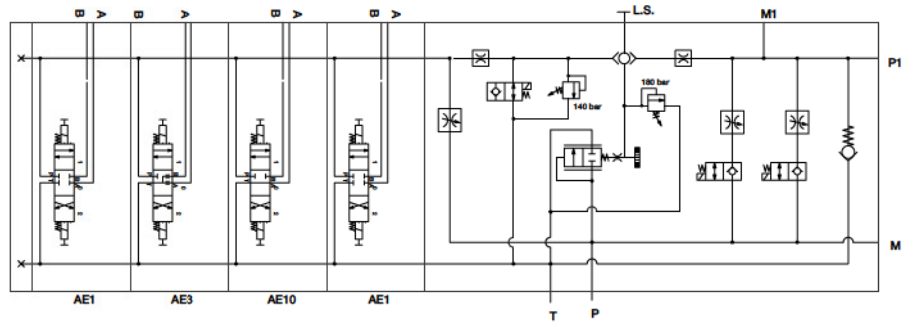
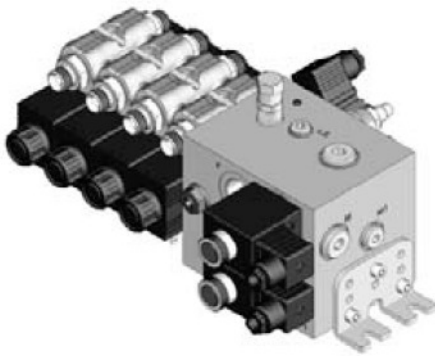
**SEGNALE L.S.
L.S. SIGNAL
SIGNAL L.S.**



**BLOCCHI IBRIDI
HYBRID MANIFOLD
HYBRID VERTEILER**

Per maggiori informazioni contattateci.
For more information please contact us.
Bei weiteren Fragen nehmen Sie bitte Kontakt mit uns auf.





DATI TECNICI TECHNICAL DATA TECHNISCHE MERKMALE

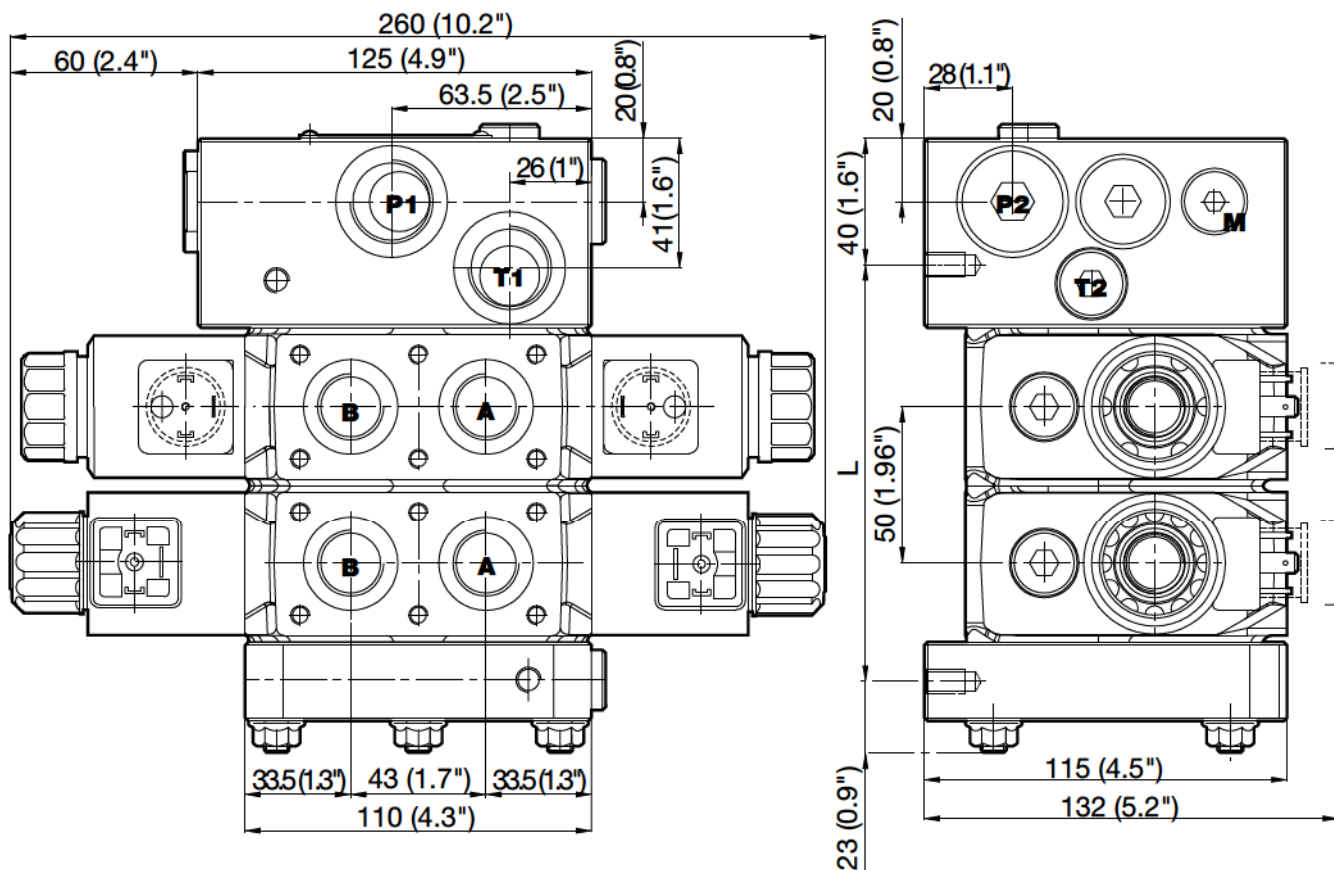
Portata nominale (max) <i>Nominal flow (max)</i> Nominaler Durchfluß (max)	90 (110) l/min 23.7 (29) gpm
Pressione massima <i>Maximum pressure</i> Maximaler Betriebsdruck	250 (3625) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i> Maximaler Gegendruck Tankleitung	20 (290) bar (psi)
Massima trafilatura interna <i>Maximum internal leakage</i> Maximale interne Leckage	16 cc/min (33 mm ² /s - T=50° - 125 bar)
Temperatura d'utilizzo <i>Temperature range</i> Betriebstemperatur	-20°C +80°C NBR seals
Viscosità olio <i>Oil viscosity</i> Ölviskosität	Da 10 cSt a 100 cSt <i>From 10 cSt to 100 cSt</i> Von 10 cSt nach 100 cSt
Filtrazione <i>Filtration</i> Filtrierung	NAS 1638, class 10; ISO/DIS 4406, class 18/14
Fluido <i>Fluid</i> Öl	Olio a base minerale <i>Mineral based oil</i> Mineral Öl

DIMENSIONI SIZE ABMESSUNGEN

MODELLO <i>MODEL</i> MODELL	L mm	MASSA kg (lb) <i>WEIGHT kg (lb)</i> GEWICHT kg (lb)
LSC50-1	82.5	12 (26.4)
LSC50-2	132.5	16.5 (36.4)
LSC50-3	182.5	21 (46.3)
LSC50-4	232.5	25.5 (56.2)
LSC50-5	282.5	30 (66.1)
LSC50-6	332.5	34.5 (76)
LSC50-7	382.5	39 (86)
LSC50-8	432.5	43.5 (95.9)

FILETTATURA THREAD GEWINDE

CODICE <i>MODEL</i> BEZEICHNUNG	TIPO <i>TYPE</i> GEWINDE	CODICE <i>MODEL</i> BEZEICHNUNG	TIPO <i>TYPE</i> GEWINDE
P	3/4" Gas	Ls	1/4" Gas
T	3/4" Gas	M	1/4" Gas
A, B	1/2" Gas		





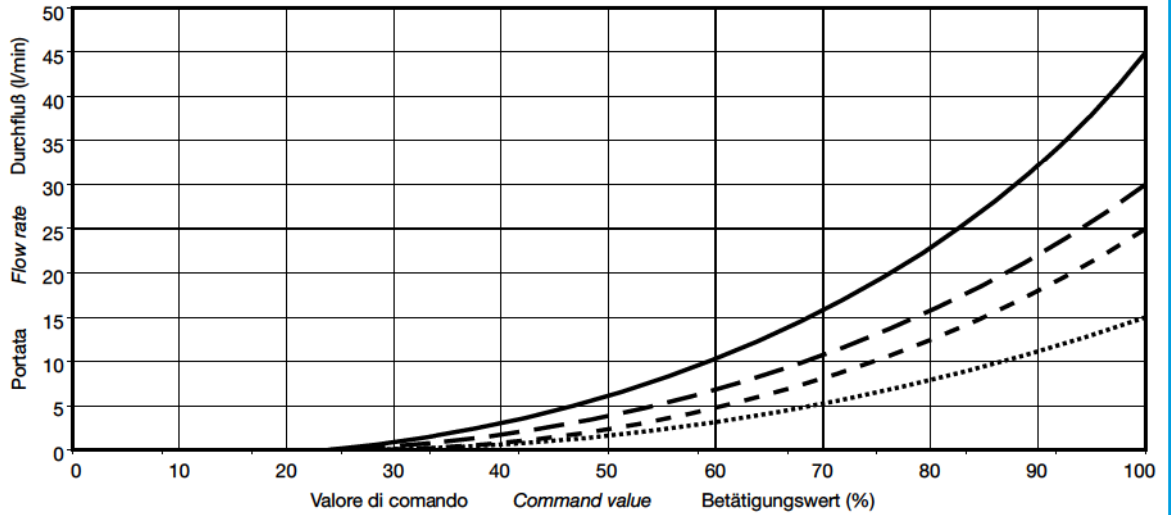
CURVE CARATTERISTICHE
FLOW CURVES
TYPISCHE KURVEN

Le curve caratteristiche in catalogo sono tipiche di prodotti di produzione testati in laboratorio e non sono necessariamente rappresentative di ogni unità.
Performance Characteristics shown in catalog are typical of production products tested in laboratory and are not necessarily representative of any other unit.
Die Werte im Katalog beziehen sich auf Standardware, die auf der Prüfbank getestet wurde und sind nicht repräsentativ für andere Einheiten.

P-A

CURSORE
SPOOL
SCHIEBER

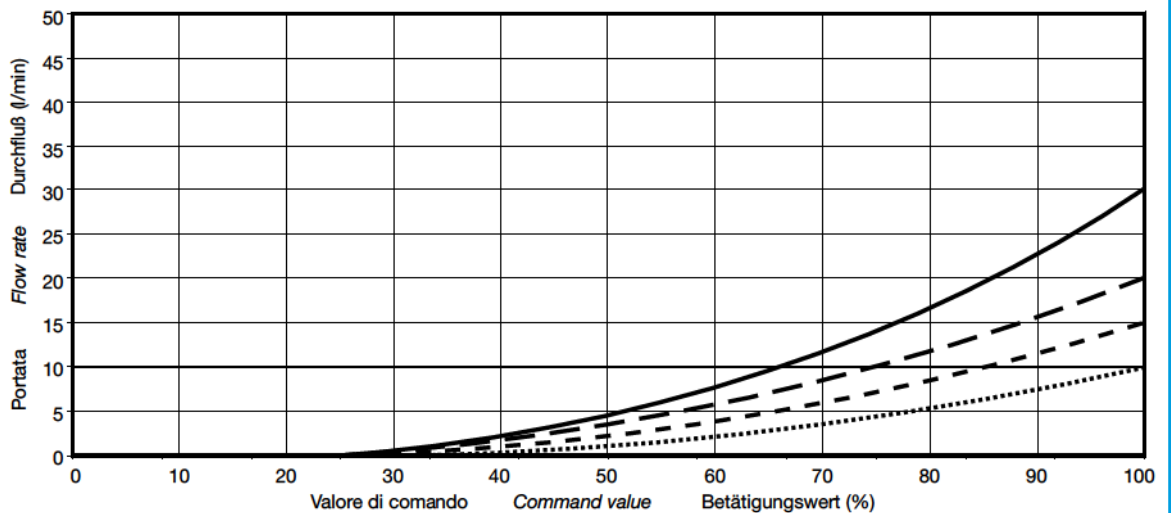
- 45/30 ———
- 30/20 - - - - -
- 25/15 - - - - -
- 15/10 ·····



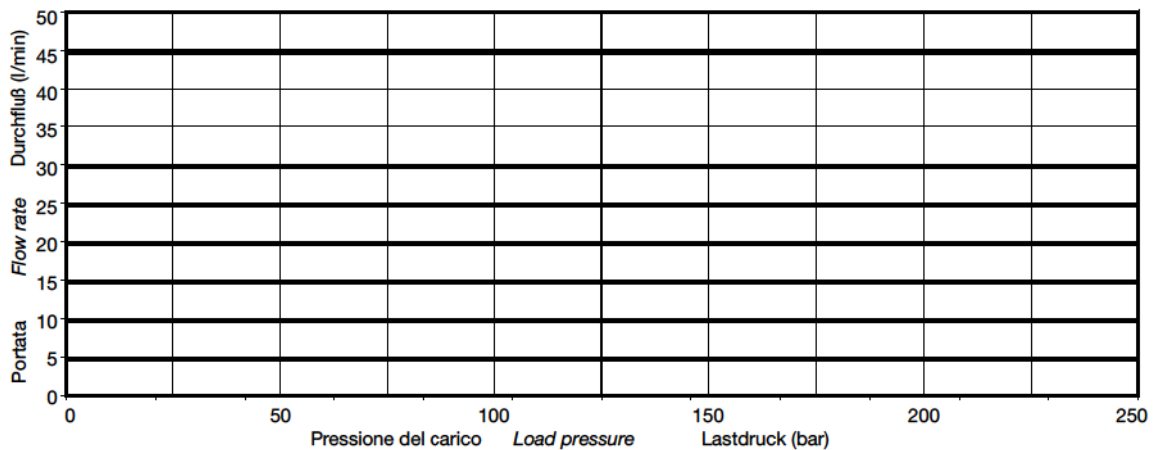
P-B

CURSORE
SPOOL
SCHIEBER

- 45/30 ———
- 30/20 - - - - -
- 25/15 - - - - -
- 15/10 ·····

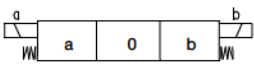
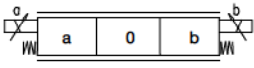


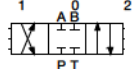
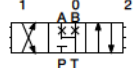
LOAD SENSING



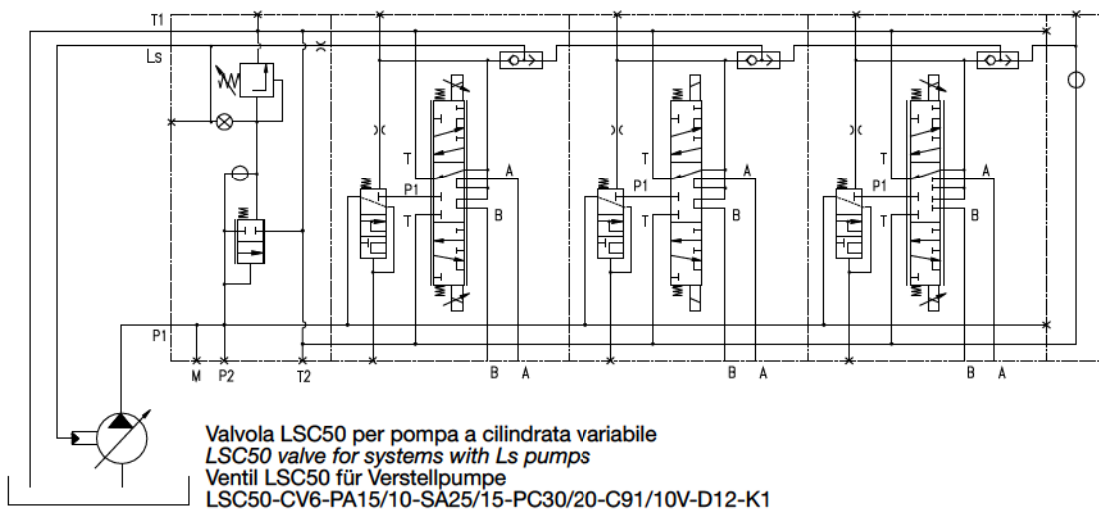
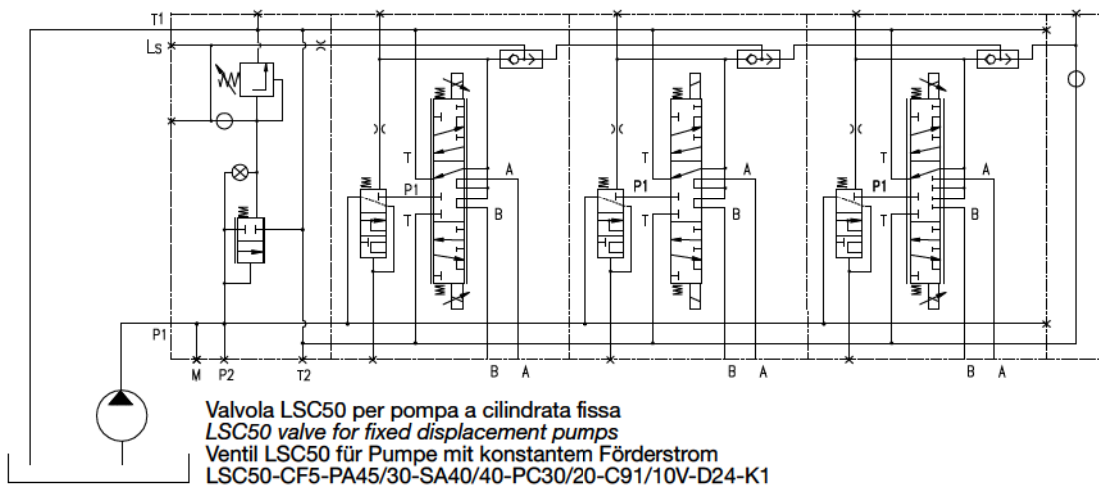
Parametri di prova:
Testing parameters: 50°C - 33 cSt
Prüfparameter:

CIRCUITI E SCHEMI IDRAULICI
HYDRAULIC CIRCUITS AND SCHEMES
STEUERTYPEN UND HYDRAULISCHE SCHEMATA

POSIZIONATORE SPOOL CONTROL SCHIEBERSTELLUNG	
S	 ON-OFF ON-OFF ON-OFF
P	 Proporzionale Proportional Proportional

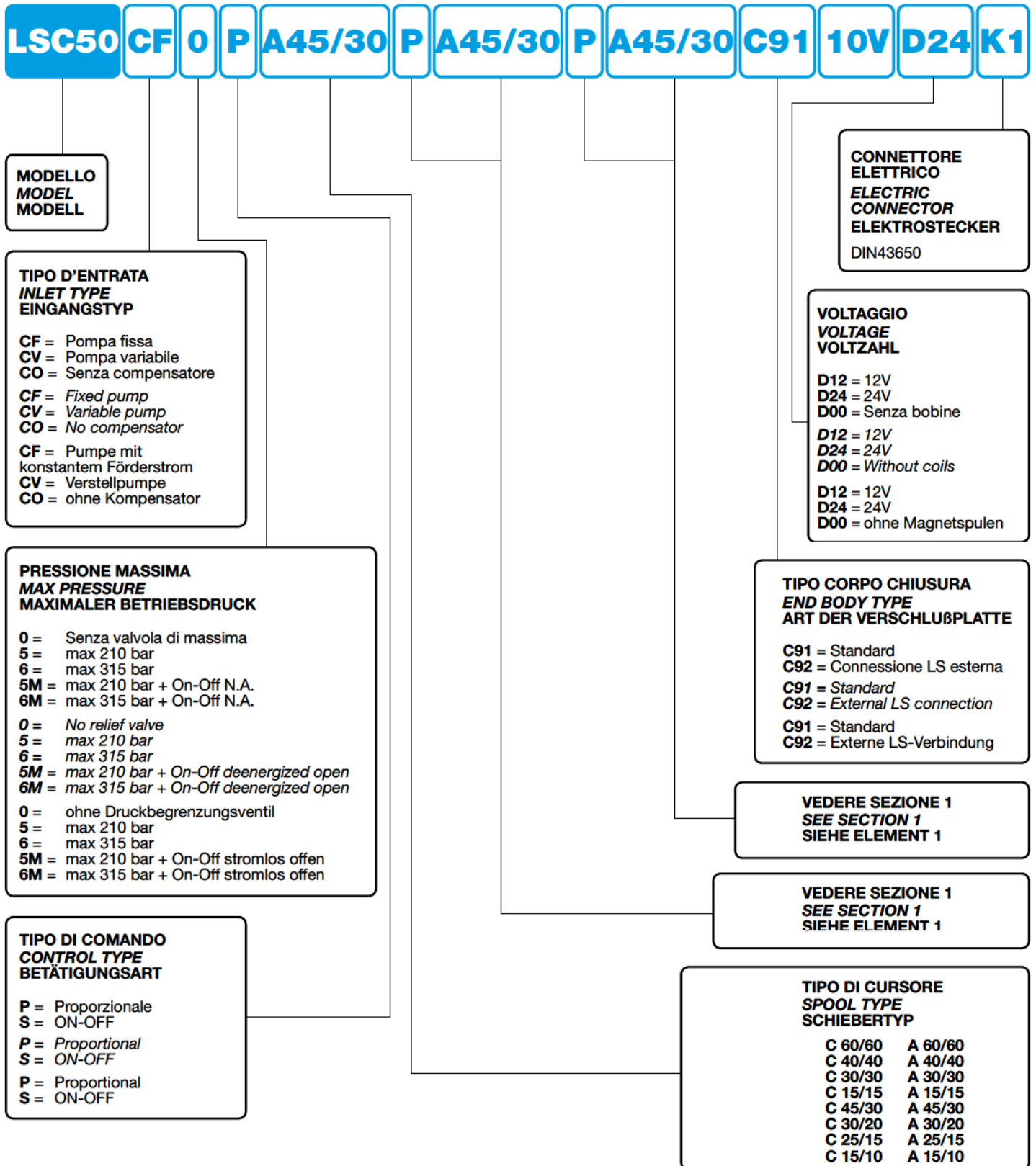
CIRCUITO SPOOL TYPE STEUERTYP		POS. 3	POS. 1	POS. 0	POS. 2	POS. 4
C			P → B A → T	P → T A → B	P → A B → T	
A			P → B A → T	A, B → T P → T	P → A B → T	

SISTEMI IDRAULICI POSSIBILI REALIZZATI CON LSC50
HYDRAULIC CIRCUIT DIAGRAM SHOWING BASIC FUNCTIONS FOR LSC50
MÖGLICHE HYDRAULIKSCHEMATA FÜR LSC50





**ISTRUZIONI PER L'ORDINAZIONE
ORDERING INSTRUCTIONS
BESTELLANLEITUNG**



Notare: non dirigere getti d'acqua direttamente sulla valvola.
Note: do not wash the valve with direct water jet.
Bitte beachten: Steuergerät/Ventil nicht mit Hochdruckreiniger waschen.

Questa pagina è intenzionalmente bianca
This page is intentionally blank
Diese seite ist bewusst frei gelassen