

DNC35

DISTRIBUTORI COMPONIBILI MODULAR DIRECTIONAL CONTROL VALVES KOMBI-STEUERGERÄTE

DATI TECNICI • TECHNICAL DATA • TECHNISCHE MERKMALE

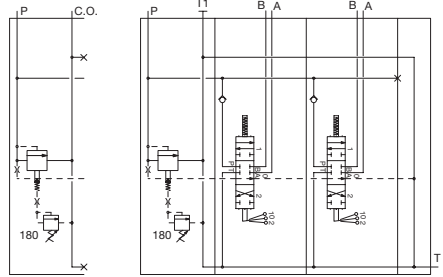
Portata nominale (max) <i>Nominal flow (max)</i>	40 (50) l/min 10.5 (13.2) gpm
Pressione massima <i>Maximum pressure</i>	250 (3646) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i>	50 (730) bar (psi)
Massima trafila interna <i>Maximum internal leakage</i>	8 cc/min Maximale interne Leckage (21 cSt - 100 bar)
Temperatura d'utilizzo <i>Temperature range</i>	-20°C +80°C NBR seals -20°C +130°C HNBR seals
Viscosità olio <i>Oil viscosity</i>	Da 10 cSt a 100 cSt From 10 cSt to 100 cSt
Fluido <i>Fluid</i>	Olio a base minerale Mineral based oil
Öl	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

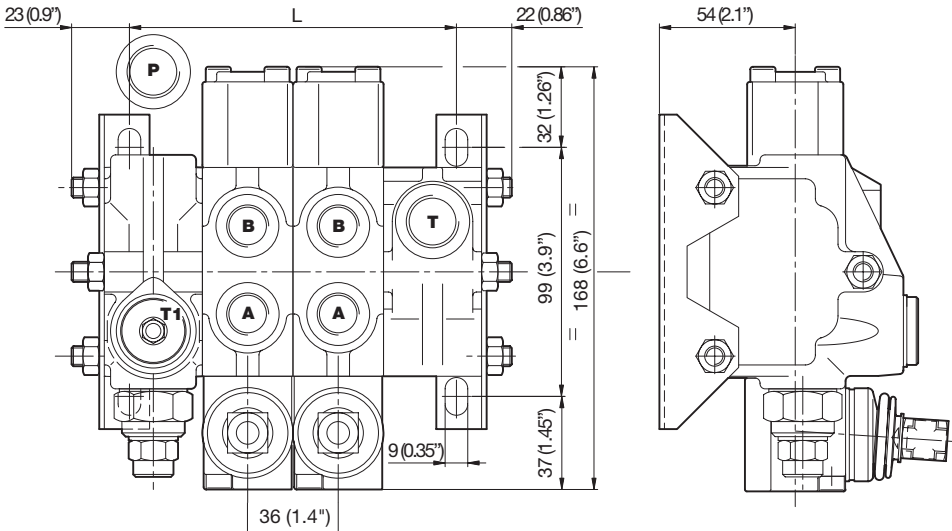
DIMENSIONI • SIZE • ABMESSUNGEN

MOD. MOD. MOD.	L mm (inch)	MASSA Kg (lb) WEIGHT Kg (lb)	MOD. MOD. MOD.	L mm (inch)	MASSA Kg (lb) WEIGHT Kg (lb)
DNC35/1	94 (3.7)	5.2 (11.44)	DNC35/6	272 (10.7)	10.2 (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)



Carry over
Power beyond

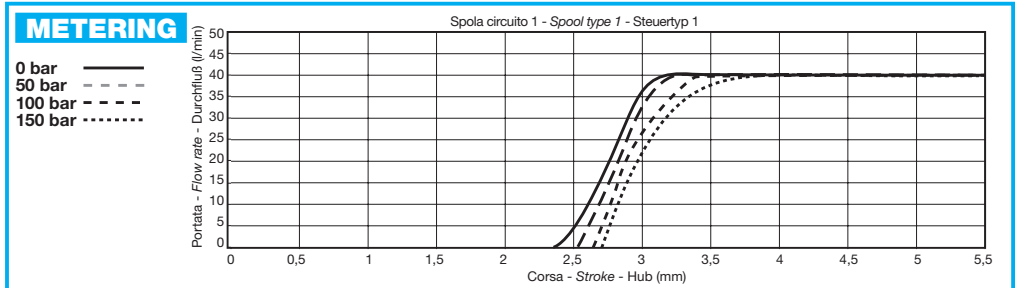
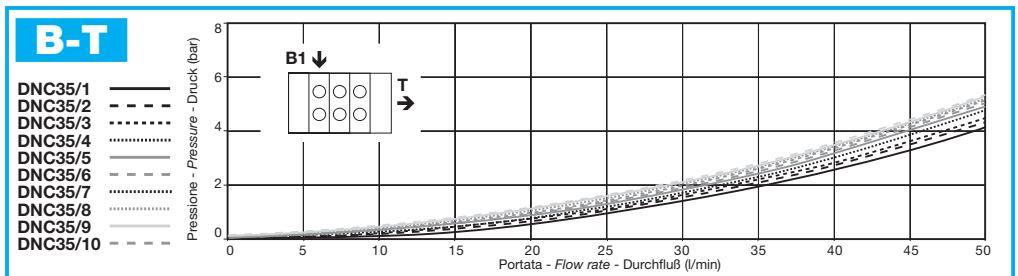
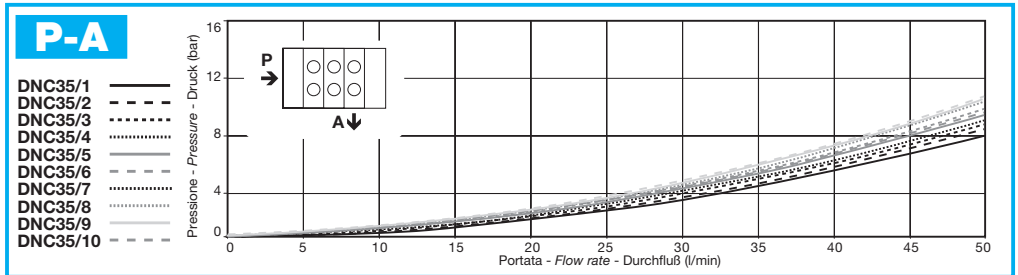
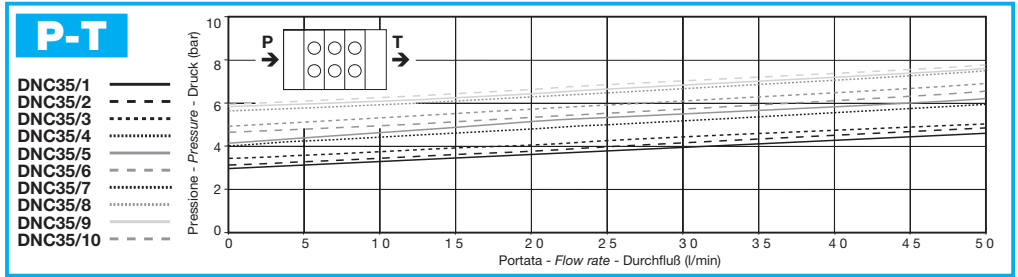
DNC35/2 AZ A1x2 PTT1





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.
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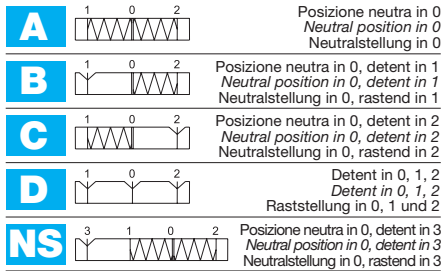


Parametri di prova / Testing parameters / Prüfparameter: 50°C - 21 cSt (spola circuito 1 - spool type 1 - steuertyp 1)

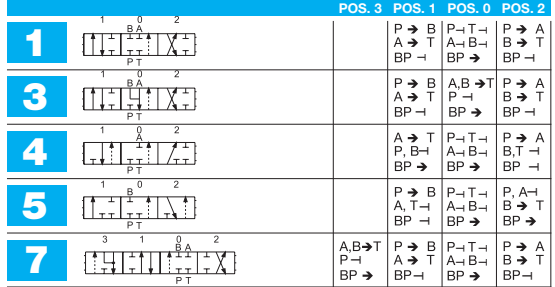
CIRCUITI E SCHEMI IDRAULICI
HYDRAULIC CIRCUITS AND SCHEMES
STEUERTYPEN UND HYDRAULISCHE SCHEMATA

Le configurazioni indicate sono relative a prodotti standard. Per altre configurazioni prego contattarci.
The follow 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



ACCESSORI
ACCESSORIES
ZUBEHÖR

Per maggiori dettagli tecnici, prego di contattarci.
For greater technical details I beg to contact us.
 Für nähere technische Informationen wenden Sie sich bitte an uns.

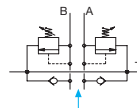
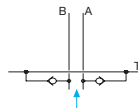
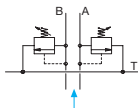
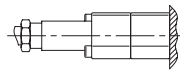
LATO POSIZIONATORE
SPOOL CONTROL SIDE
STEUERSCHIEBERSEITE

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

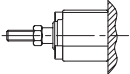
Kit d'attacco cavo
Cable connetion kit
 Anbausatz für Bowdenzug



Azionamento idraulico diretto
Direct hydraulic actuator
 Direkte Hydraulische Steuerung



Posizionatore per doppio comando
For double control spool control
 Anbausatz Doppelsteuerung



Limitatore di corsa
Stroke limiter
 Hubbegrenzer

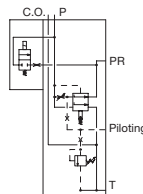


Valvola di blocco
Pilot operated
 Sperrventil



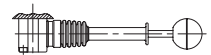
Doppia velocità
Double speed
 Doppelte Schnelligkeit

Regolatore di flusso
Flow regulator
 Stromregelventil

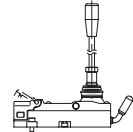


LATO AZIONAMENTO
ACTUATOR SIDE
HEBELSEITE

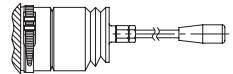
Leva intenzionale
Intentional lever
 Sicherheitshebel



Blocco leva per cavo
Driving block for cable
 Hebeleinheit für Bowdenzug



Manipolatore
Joystick
 Joystick

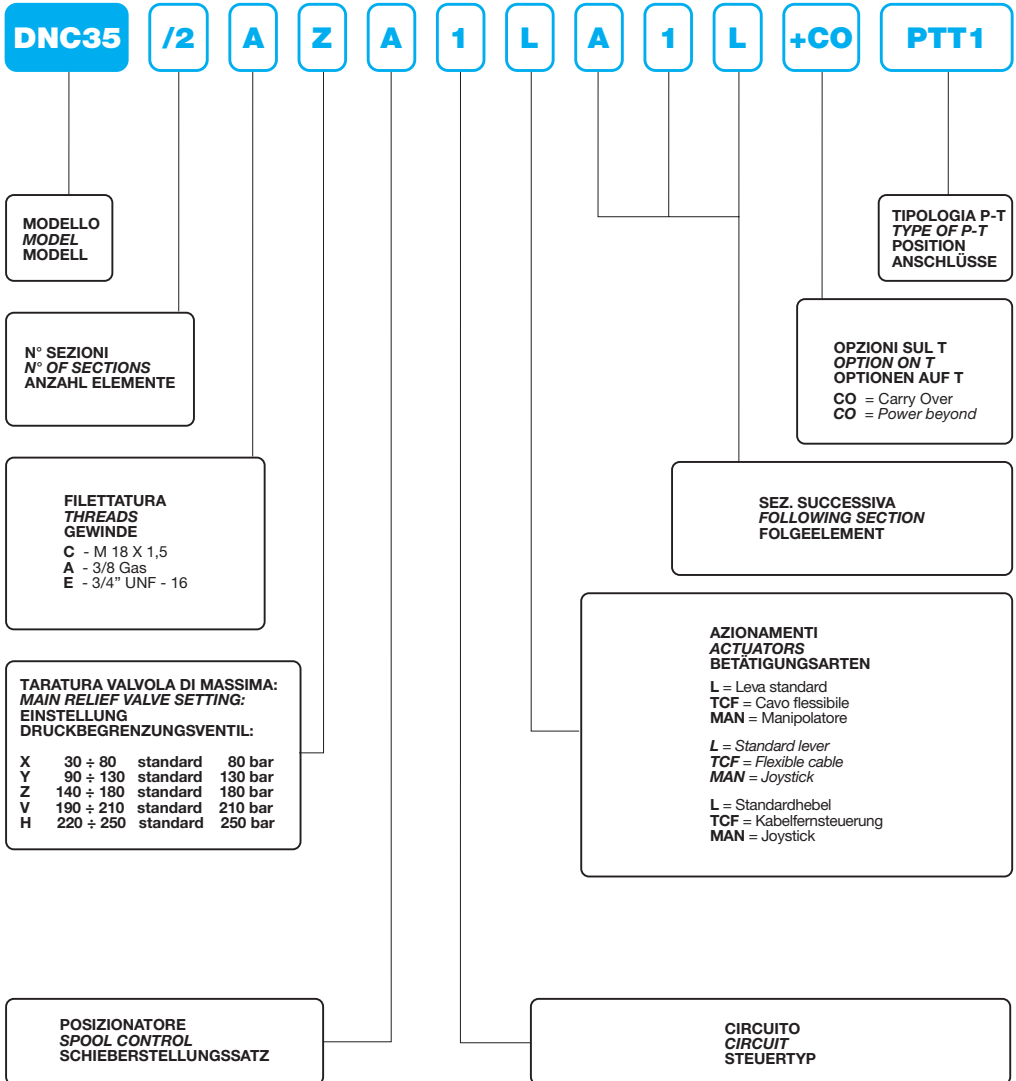


Limitatore di corsa
Stroke limiter
 Hubbegrenzer





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/Ventile nicht mit Hochdruckreiniger waschen.

DNC65

DISTRIBUTORI COMPONIBILI MODULAR DIRECTIONAL CONTROL VALVES KOMBI-STEUERGERÄTE

DATI TECNICI • TECHNICAL DATA • TECHNISCHE MERKMALE

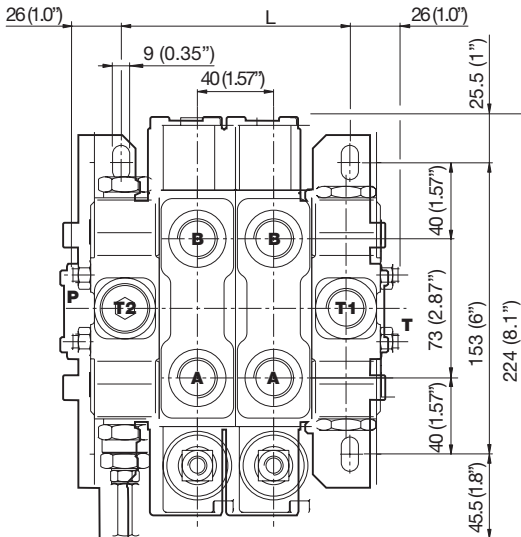
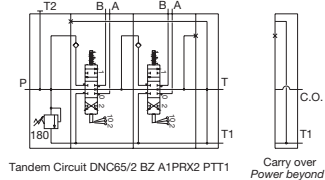
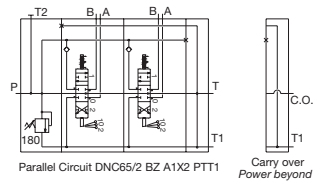
Portata nominale (max) <i>Nominal flow (max)</i>	70 (80) l/min 18.5 (21.1) gpm
Pressione massima <i>Maximum pressure</i>	250 (3646) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i>	50 (730) bar (psi)
Massima trafila interna <i>Maximum internal leakage</i>	8 cc/min Maximale interne Leckage (21 cSt - 100 bar)
Temperatura d'utilizzo <i>Temperature range</i>	-20°C +80°C NBR seals -20°C +130°C HNBR seals
Viscosità olio <i>Oil viscosity</i>	Da 10 cSt a 100 cSt From 10 cSt to 100 cSt
Fluido <i>Fluid</i>	Olio a base minerale Mineral based oil

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

DIMENSIONI • SIZE • ABMESSUNGEN

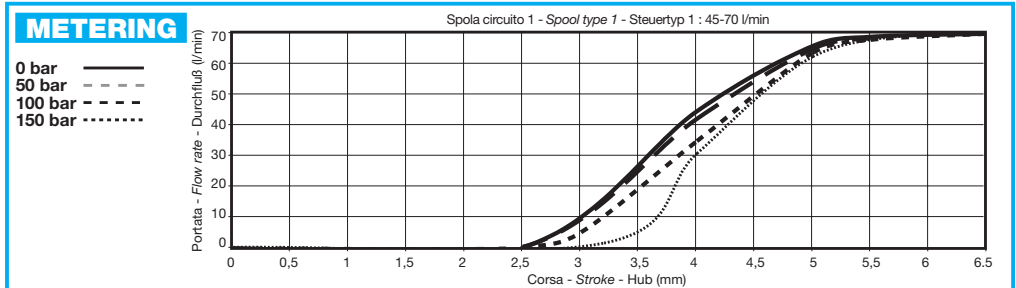
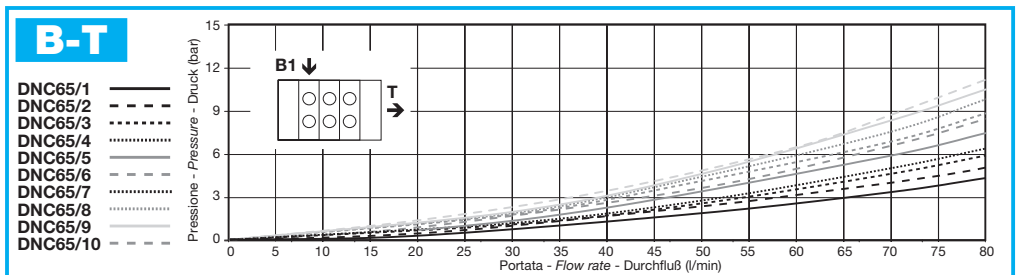
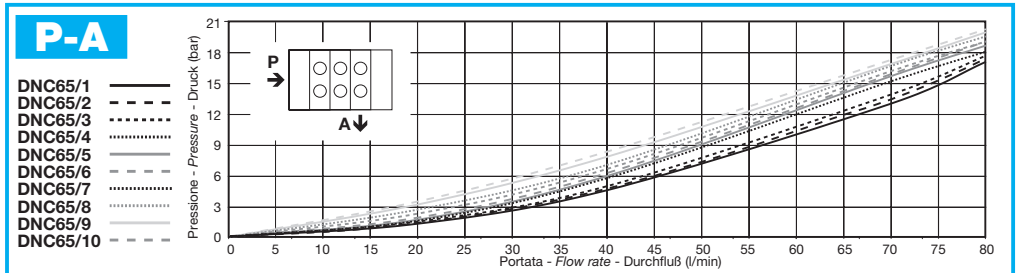
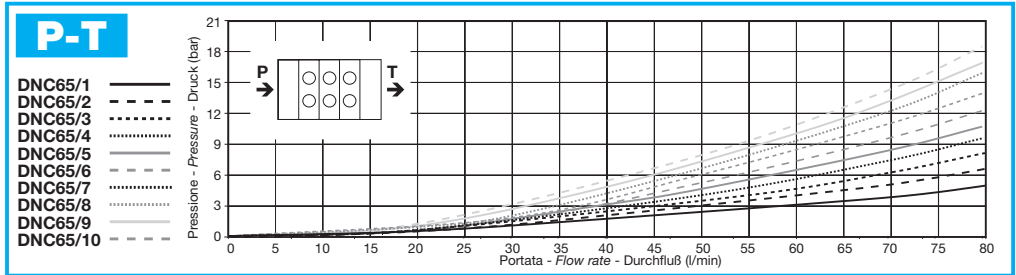
MOD. MOD.	L mm (inch)	MASSA Kg (lb) WEIGHT Kg (lb)	MOD. MOD.	L mm (inch)	MASSA Kg (lb) WEIGHT Kg (lb)
DNC65/1	80 (3.15)	7.5 (16.53)	DNC65/6	280 (11.02)	22.5 (49.6)
DNC65/2	120 (4.72)	10.5 (23.14)	DNC65/7	320 (12.59)	25.5 (56.21)
DNC65/3	160 (6.3)	13.5 (29.76)	DNC65/8	360 (14.17)	28.5 (62.83)
DNC65/4	200 (7.87)	16.5 (36.37)	DNC65/9	400 (15.74)	49.5 (108.9)
DNC65/5	240 (9.45)	19.5 (42.99)	DNC65/10	440 (17.32)	54.5 (119.9)





CURVE CARATTERISTICHE
FLOW CURVES
TYPISCHE KURVEN

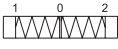
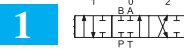
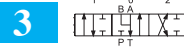
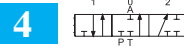
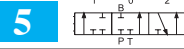
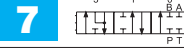
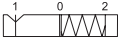
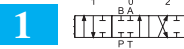
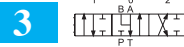
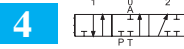
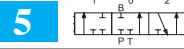
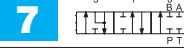
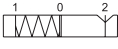
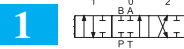
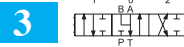
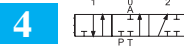
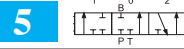
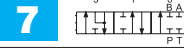
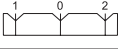
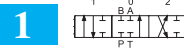
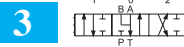
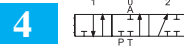
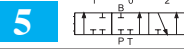
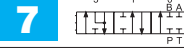
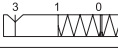
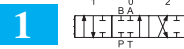
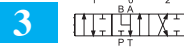
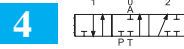
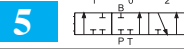
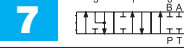
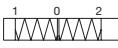
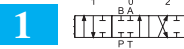
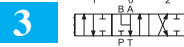
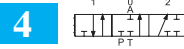
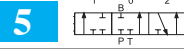
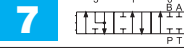
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Die Werte im Katalog beziehen sich auf Standardware, die auf der Prüfbank getestet wurde und sind nicht repräsentativ für andere Einheiten.



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

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

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POSIZIONATORE • SPOOL CONTROL • SCHIEBERSTELLUNG		CIRCUITO • SPOOL TYPE • STEUERTYP				
		POS. 3	POS. 1	POS. 0	POS. 2	POS. 4
A	 Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0					
B	 Posizione neutra in 0, detent in 1 Neutral position in 0, detent in 1 Neutralstellung in 0, rastend in 1					
C	 Posizione neutra in 0, detent in 2 Neutral position in 0, detent in 2 Neutralstellung in 0, rastend in 2					
D	 Detent in 0, 1, 2 Detent in 0, 1, 2 Raststellung in 0, 1 und 2					
NS	 Posizione neutra in 0, detent in 3 Neutral position in 0, detent in 3 Neutralstellung in 0, rastend in 3					
NT	 Posizione neutra in 0, detent in 4 Neutral position in 0, detent in 4 Neutralstellung in 0, rastend in 4					

ACCESSORI
ACCESSORIES
ZUBEHÖR

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 For greater technical details, please contact us.
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LATO POSIZIONATORE
SPOOL CONTROL SIDE
STEUERSCHIEBERSEITE

LATO AZIONAMENTO
ACTUATOR SIDE
HEBELSEITE

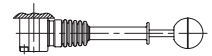
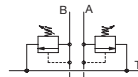
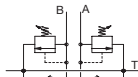
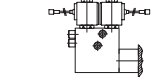
Azionamento elettroidraulico
 Electrohydraulic actuator
 Elektrohydraulische Steuerung

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

Limitatrice di pressione
 Pressure limiter device
 Druckbegrenzungs-ventile

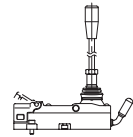
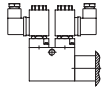
Dispositivo anticavitazione
 Anticavitation device
 Nachsaugventil

Leva intenzionale
 Intentional lever
 Sicherheitshebel



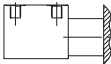
Azionamento elettropneumatico
 Electropneumatic actuator
 Elektropneumatische Steuerung

Blocco leva per cavo
 Driving block for cable
 Hebeleinheit für Bowdenschug

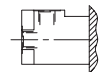


Azionamento pneumatico
 Pneumatic actuator
 Pneumatische Steuerung

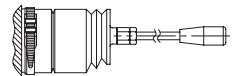
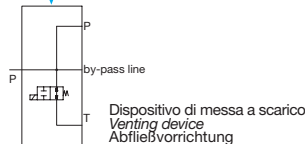
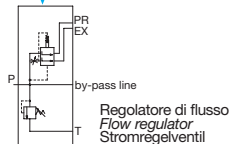
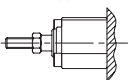
Manipolatore
 Joystick
 Joystick



Azionamento idraulico diretto
 Direct hydraulic actuator
 Direkte Hydraulische Steuerung



Posizionatore per doppio comando
 For double control spool control
 Anbausatz Doppelsteuerung

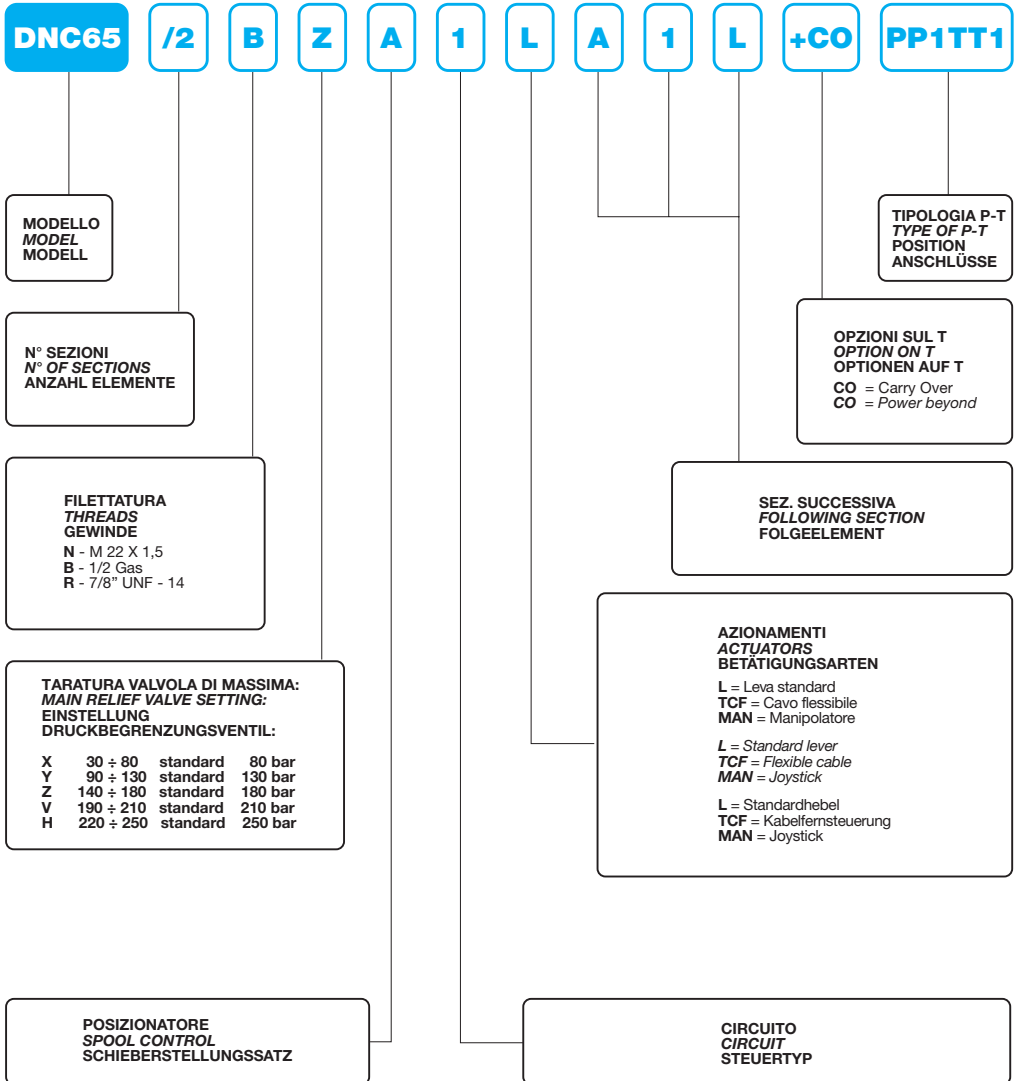


Limitatore di corsa
 Stroke limiter
 Hubbegrenzer





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

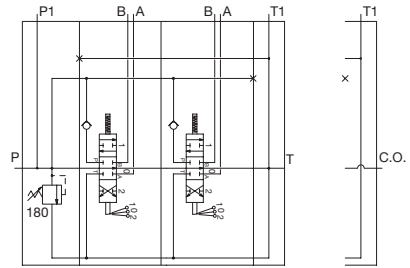
Portata nominale (max) <i>Nominal flow (max)</i>	120 (130) l/min 31.74 (34.39) gpm
Pressione massima <i>Maximum pressure</i>	250 (3646) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i>	50 (730) bar (psi)
Massima trafila interna <i>Maximum internal leakage</i>	60 cc/min max (21 cSt - 100 bar)
Temperatura d'utilizzo <i>Temperature range</i>	-20°C +80°C NBR seals -20°C +130°C HNBR seals
Viscosità olio <i>Oil viscosity</i>	Da 10 cSt a 100 cSt From 10 cSt to 100 cSt
Fluido <i>Fluid</i>	Olio a base minerale Mineral based oil

FILETTATURA • THREAD • GEWINDE

CODICE MODEL BEZEICHNUNG	TIPO TYPE GEWINDE	COPPIA DI SERRAGGIO Nm TORQUE Nm ANZUGSMOMENT Nm
F	3/4 Gas	140
U	M27x2 ISO6149	170
V	1"1/16 UNF-12	150

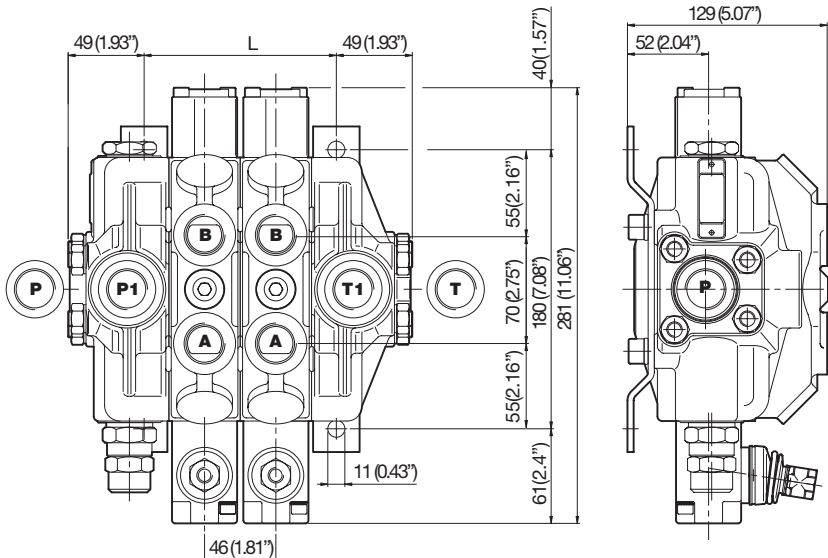
DIMENSIONI • SIZE • ABMESSUNGEN

MOD. MOD. MOD.	L mm (inch)	MASSA Kg (lb) WEIGHT Kg (lb)	MOD. MOD. MOD.	L mm (inch)	MASSA Kg (lb) WEIGHT Kg (lb)
DNC120/1	78 (3.07)	13 (28.6)	DNC120/6	308 (12.12)	38 (83.6)
DNC120/2	124 (4.88)	18 (39.6)			
DNC120/3	170 (6.69)	23 (50.6)			
DNC120/4	216 (8.5)	28 (61.6)			
DNC120/5	262 (10.31)	33 (72.6)			



DNC120/2 FZ A1x2 PP1TT1

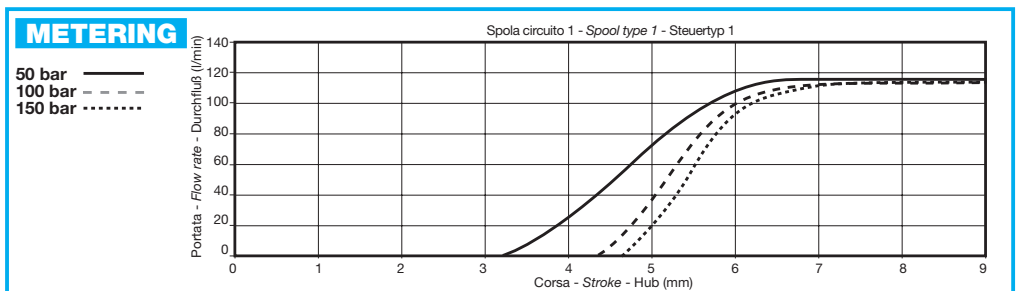
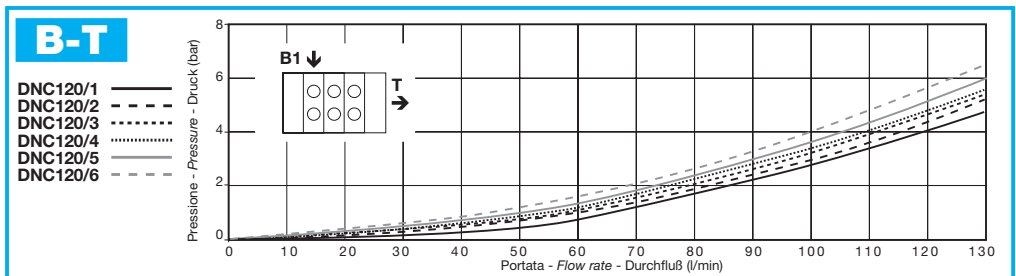
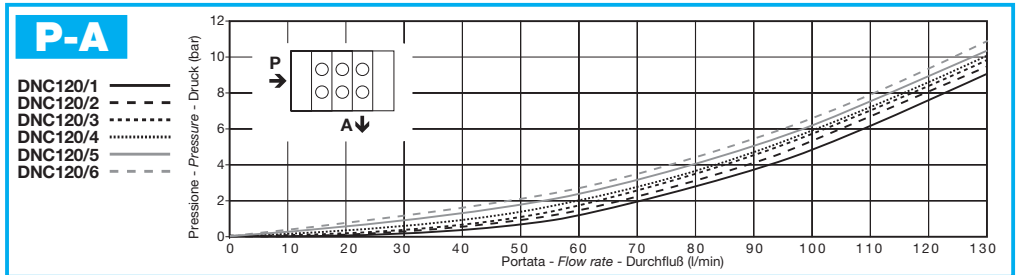
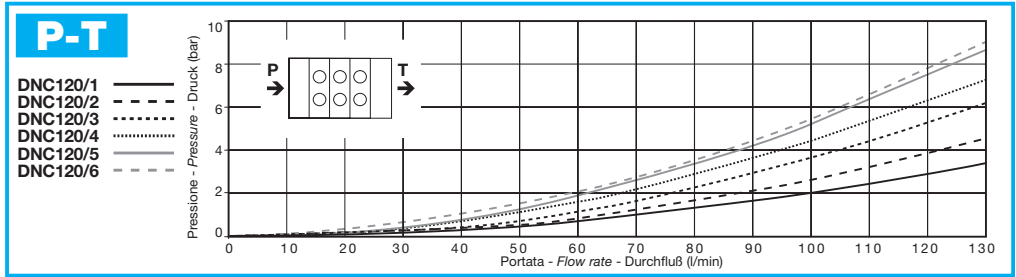
Carry over
Power beyond





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.

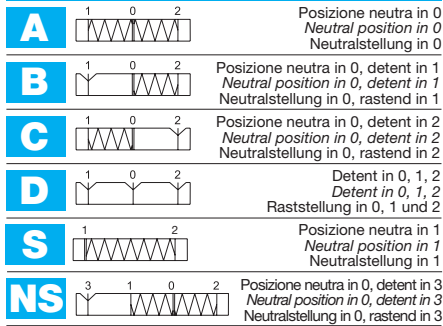


Parametri di prova / Testing parameters / Prüfparameter: 50°C - 21 cSt (spola circuito 1 - spool type 1 - steuertyp 1)

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

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POSIZIONATORE • SPOOL CONTROL • SCHIEBERSTELLUNG



CIRCUITO • SPOOL TYPE • STEUERTYP

	POS. 3	POS. 1	POS. 0	POS. 2
1			P → B A → T BP →	P → A B → T BP →
3			P → B A → T BP →	A, B → T P → A B → T BP →
4			A → T P, B → BP →	P → A B, T → BP →
7		A, B → T P → BP →	P → B A → T BP →	P → A B → T BP →

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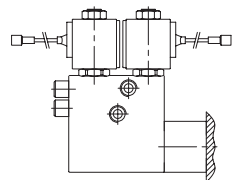
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SPOOL CONTROL SIDE
STEUERSCHIEBERSEITE

Limitatrice di pressione
 Pressure limiter device
 Druckbegrenzungs-ventile

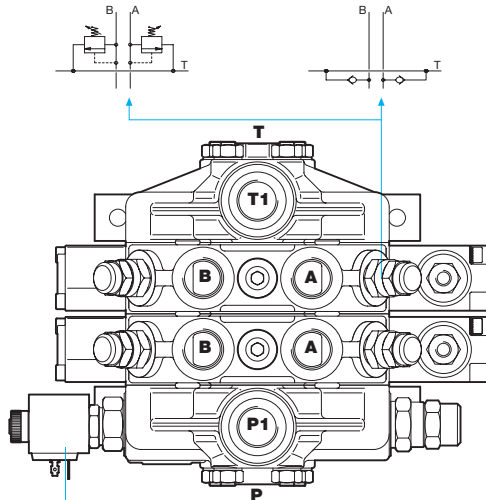
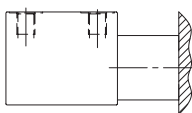
Dispositivo anticavitazione
 Anticavitation device
 Nachsaugventil

LATO AZIONAMENTO
ACTUATOR SIDE
HEBELSEITE

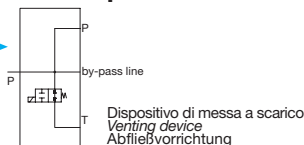
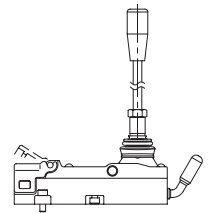
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 Pneumatic actuator
 Pneumatische Steuerung

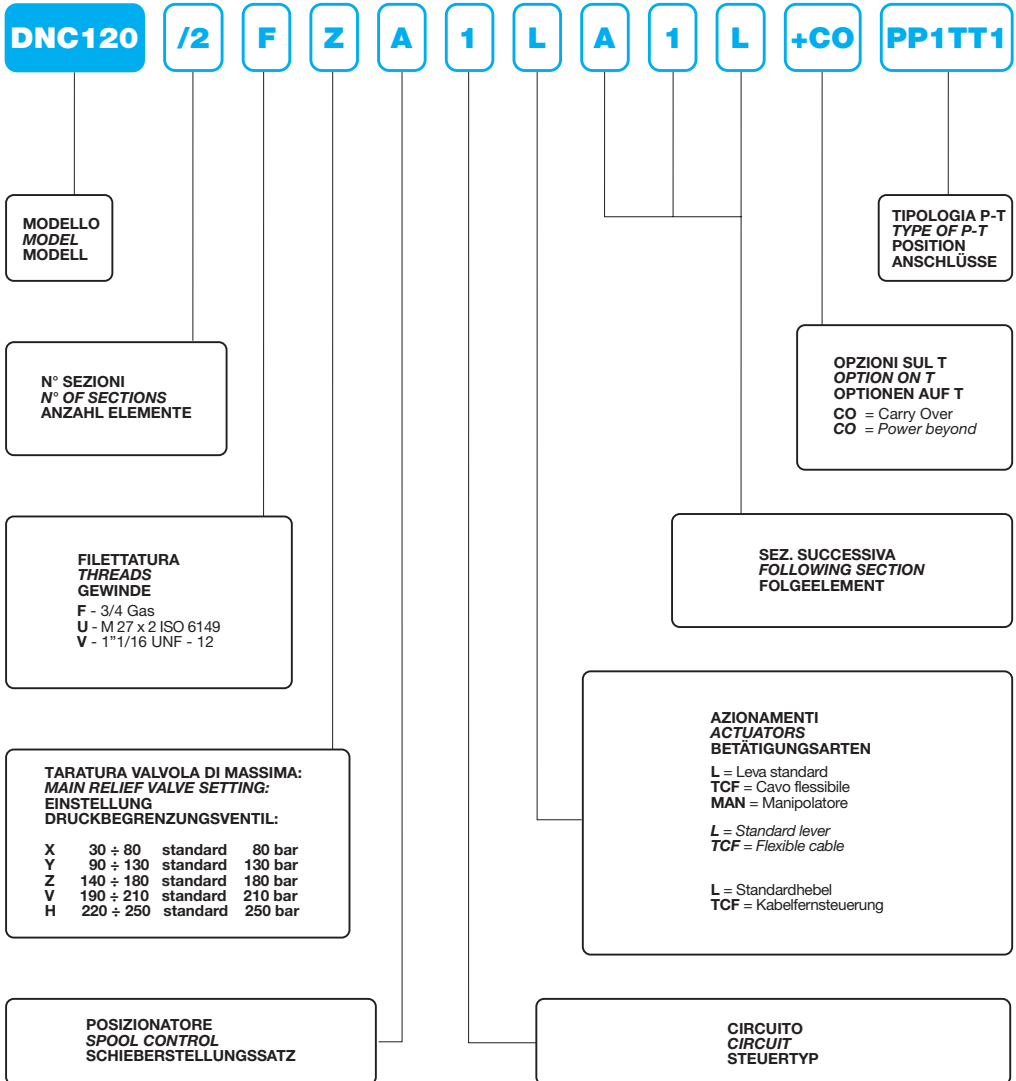


Blocco leva per cavo
 Driving block for cable
 Hebeleinheit für Bowdenzug





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