

LSC90

DISTRIBUTORI MODULARI LOAD SENSING LOAD SENSING DIRECTIONAL CONTROL VALVE LOAD-SENSING-SANDWICH-STEUERGERÄT

DATI TECNICI TECHNICAL DATA TECHNISCHE MERKMALE

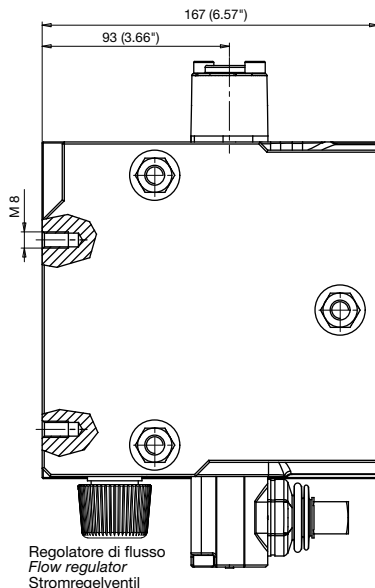
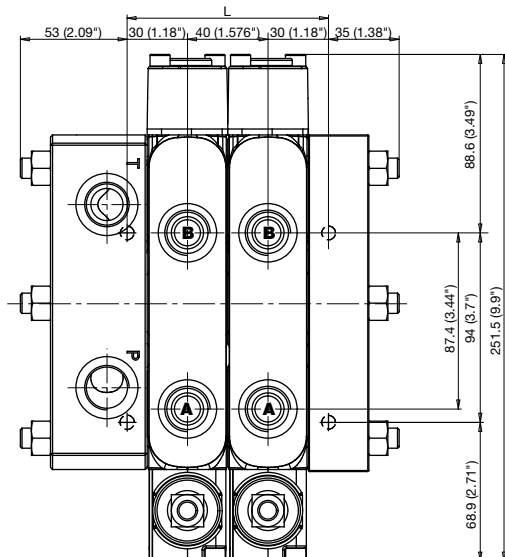
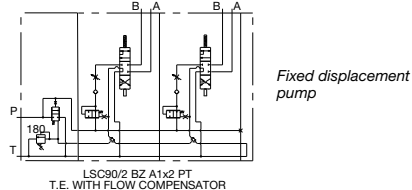
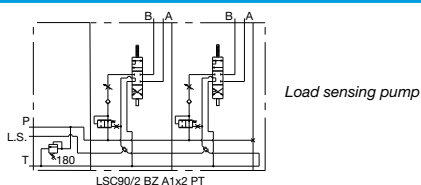
Portata nominale (max) <i>Nominal flow (max)</i> Nominaler Durchfluß (max)	100 (140) l/min 26.4 (36.96) gpm
Pressione massima <i>Maximum pressure</i> Maximaler Betriebsdruck	250 (3625) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i> Maximaler Gegendruck Tankleitung	20 (290) bar (psi)
Massima trafila interna <i>Maximum internal leakage</i> Maximale interne Leckage	<15 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 From 10 cSt to 100 cSt Von 10 cSt nach 100 cSt
Fluido <i>Fluid</i> Öl	Olio a base minerale Mineral based oil Mineral Oil

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.	L mm (inch)	MASSA kg (lb) WEIGHT kg (lb) GEWICHT kg (lb)	MOD. MOD.	L mm (inch)	MASSA kg (lb) WEIGHT kg (lb) GEWICHT kg (lb)
LSC90/1	60 (2.36)	22 (48.4)	LSC90/6	260 (10.24)	54.5 (120)
LSC90/2	100 (3.94)	28.5 (62.7)	LSC90/7	300 (11.81)	61 (134.2)
LSC90/3	140 (5.51)	35 (77)	LSC90/8	340 (13.39)	67.5 (148.5)
LSC90/4	180 (7.09)	41.5 (91.3)			
LSC90/5	220 (8.66)	48 (105.6)			



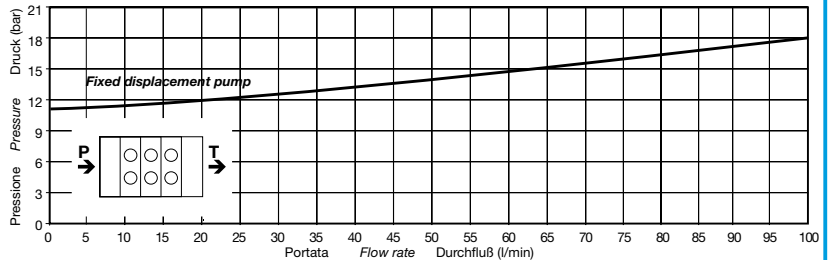


CURVE CARATTERISTICHE FLOW CURVES TYPISCHE KURVEN

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.

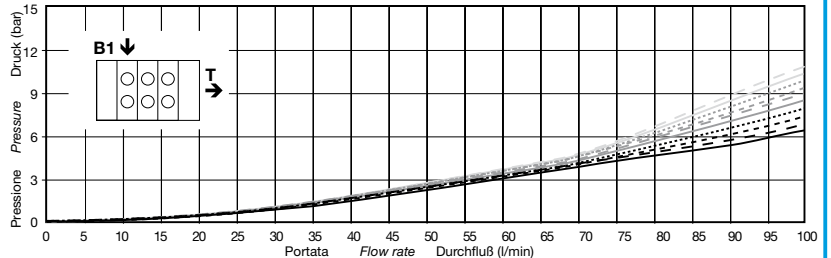
P-T

LSC90/1
LSC90/2
LSC90/3
LSC90/4
LSC90/5
LSC90/6
LSC90/7
LSC90/8
LSC90/9
LSC90/10



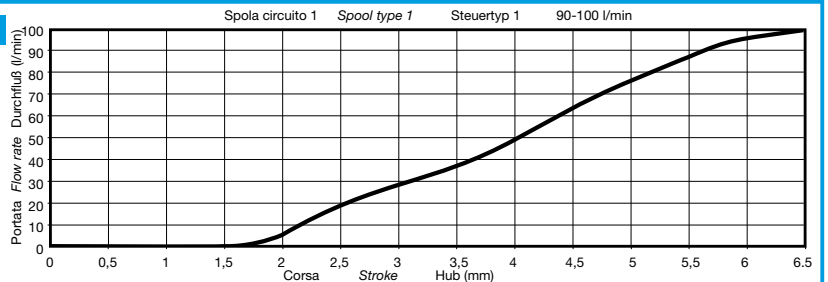
B-T

LSC90/1
LSC90/2
LSC90/3
LSC90/4
LSC90/5
LSC90/6
LSC90/7
LSC90/8
LSC90/9
LSC90/10



METERING

0 bar
50 bar
100 bar
150 bar



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		
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
NS		Posizione neutra in 0, detent in 3 Neutral position in 0, detent in 3 Neutralstellung in 0, rastend in 3
D K.O.		Detent in 0, 1, 2 Pos. autogancio 1, 2 Detent in 0, 1, 2 kick off 1, 2 Raststellung in 0, 1 und 2 selbst lösend 1, 2
PT K.O.		Detent in 0, 1, 2, 4 Pos. autogancio 1, 2, 4 Detent in 0, 1, 2, 4 kick off 1, 2, 4 Raststellung in 0, 1, 2 und 4 selbst lösend 1, 2, 4

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

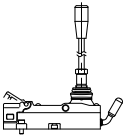
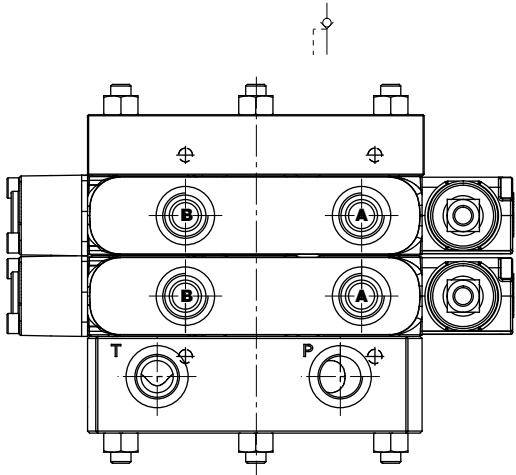
Per maggiori informazioni contattateci.
For more information please contact us.
Bei weiteren Fragen nehmen Sie bitte Kontakt mit uns auf.

LATO POSIZIONATORE
SPOOL CONTROL SIDE
STEUERSCHIEBERSEITE

LATO AZIONAMENTO
ACTUATOR SIDE
HEBELSEITE

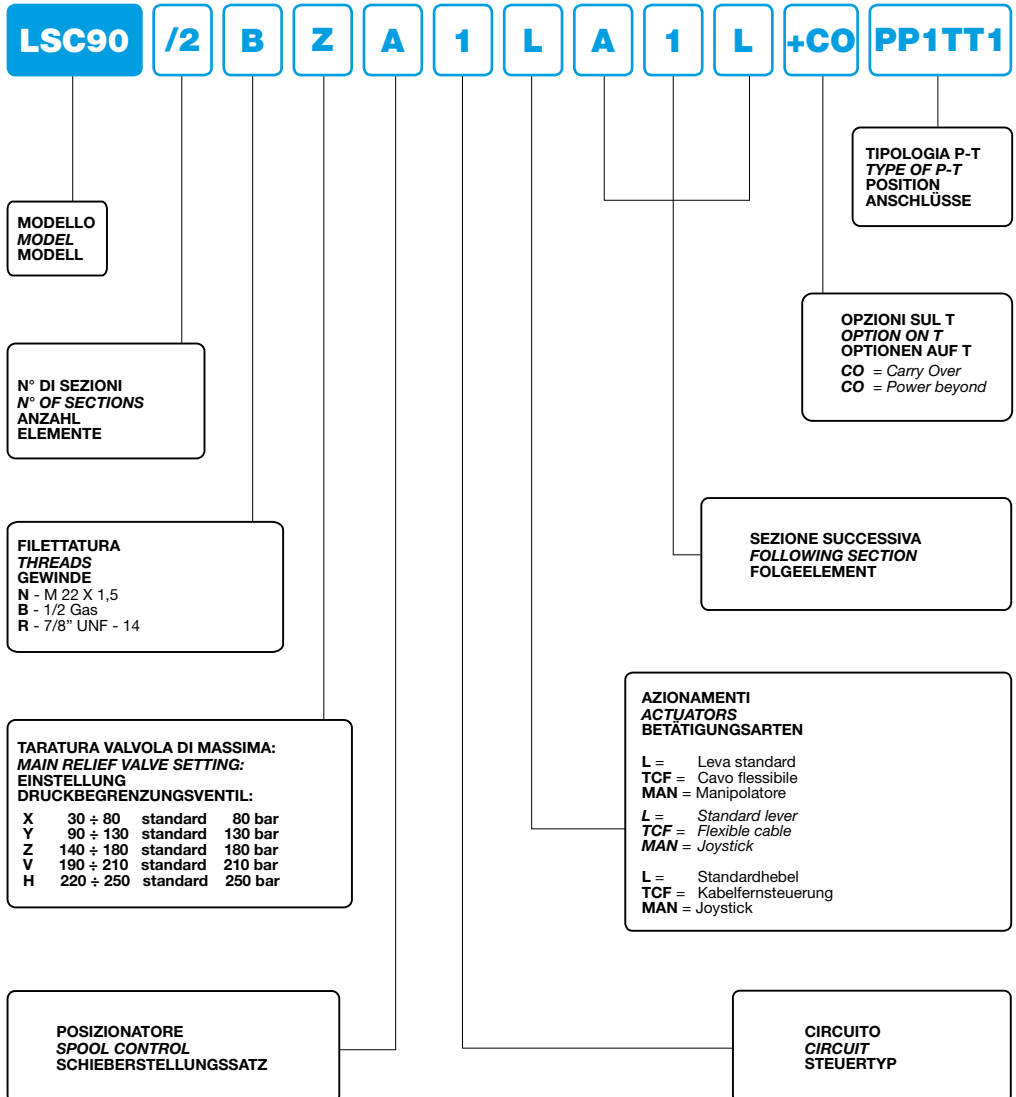
Dispositivo zero trafile
Zero-leakage
Leckagefrei

Blocco leva per cavo
Driving block for cable
Hebeleinheit für Bowdenzug





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

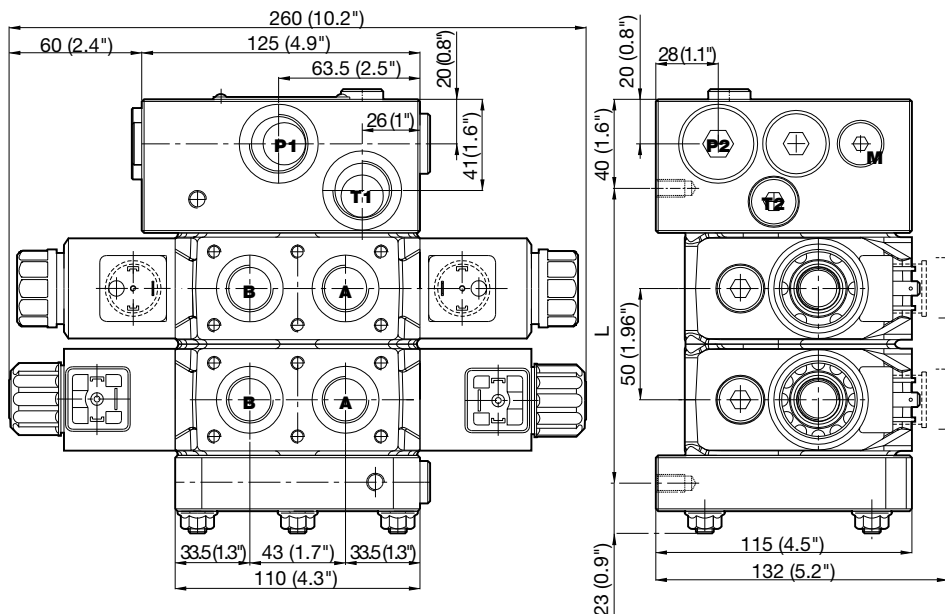
Portata nominale (max) <i>Nominal flow (max)</i> Nominaler Durchfluß (max)	90 (110) l/min 23.7 (29) gpm
Pressione massima <i>Maximum pressure</i> Maximaler Betriebsdruck	250 (3625) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i> Maximaler Gegendruck Tankleitung	20 (290) bar (psi)
Massima trafila 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 From 10 cSt to 100 cSt 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 Mineral based oil 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		





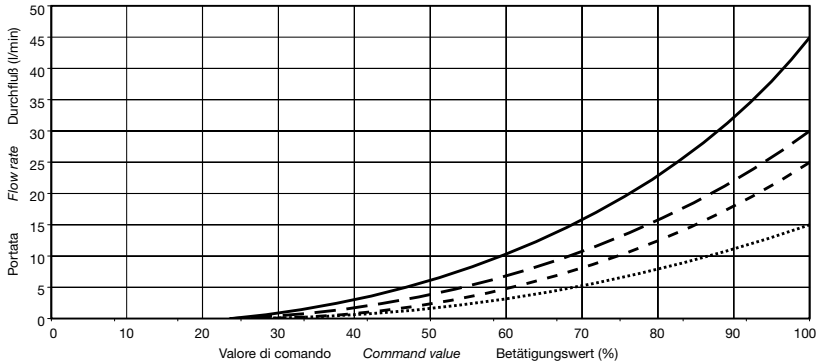
CURVE CARATTERISTICHE FLOW CURVES TYPISCHE KURVEN

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P-A

CURSORE
SPOOL
SCHIEBER

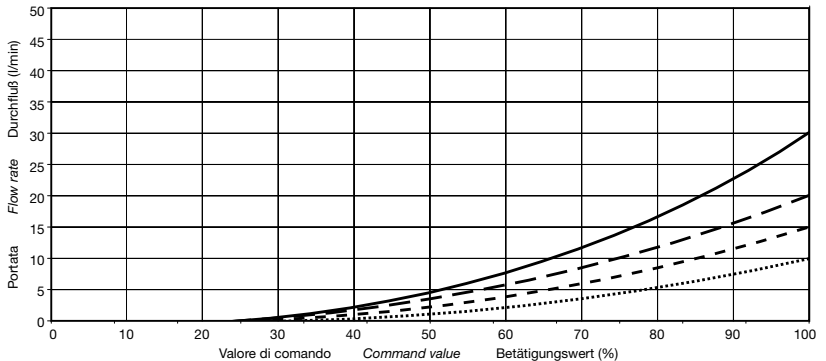
45/30 ———
30/20 - - - - -
25/15 - - - - -
15/10 ······



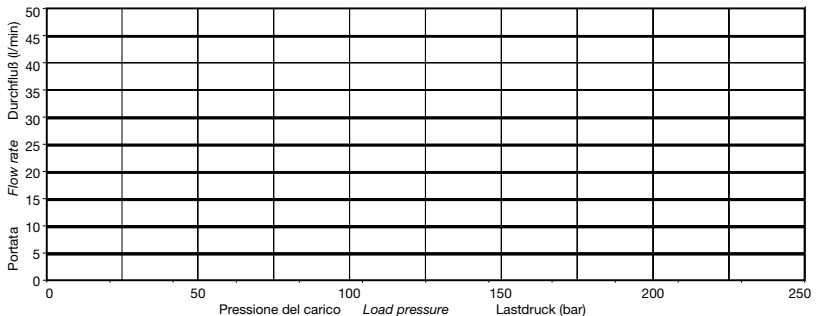
P-B

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

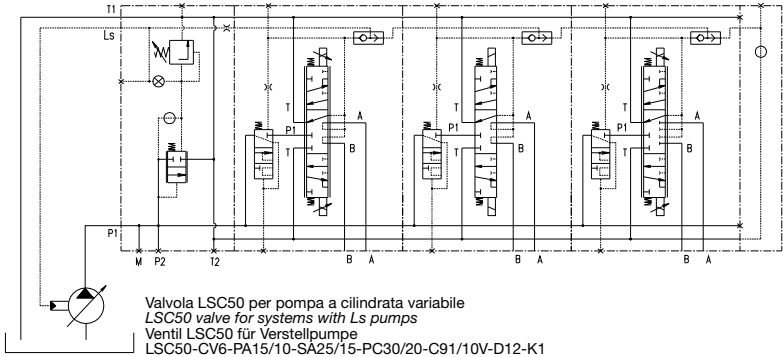
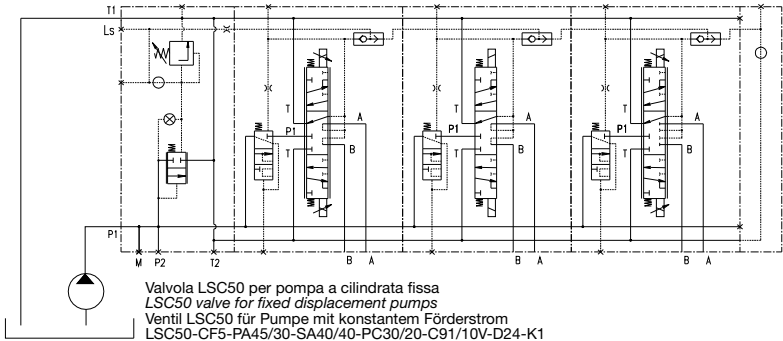
STEUERTYPEN UND HYDRAULISCHE SCHEMATA

POSIZIONATORE SPOOL CONTROL SCHIEBERSTELLUNG		CIRCUITO SPOOL TYPE STEUERTYP					
S							
	ON-OFF ON-OFF ON-OFF						
P							
	Proportionale Proportional Proportional						

SISTEMI IDRAULICI POSSIBILI REALIZZATI CON LSC50

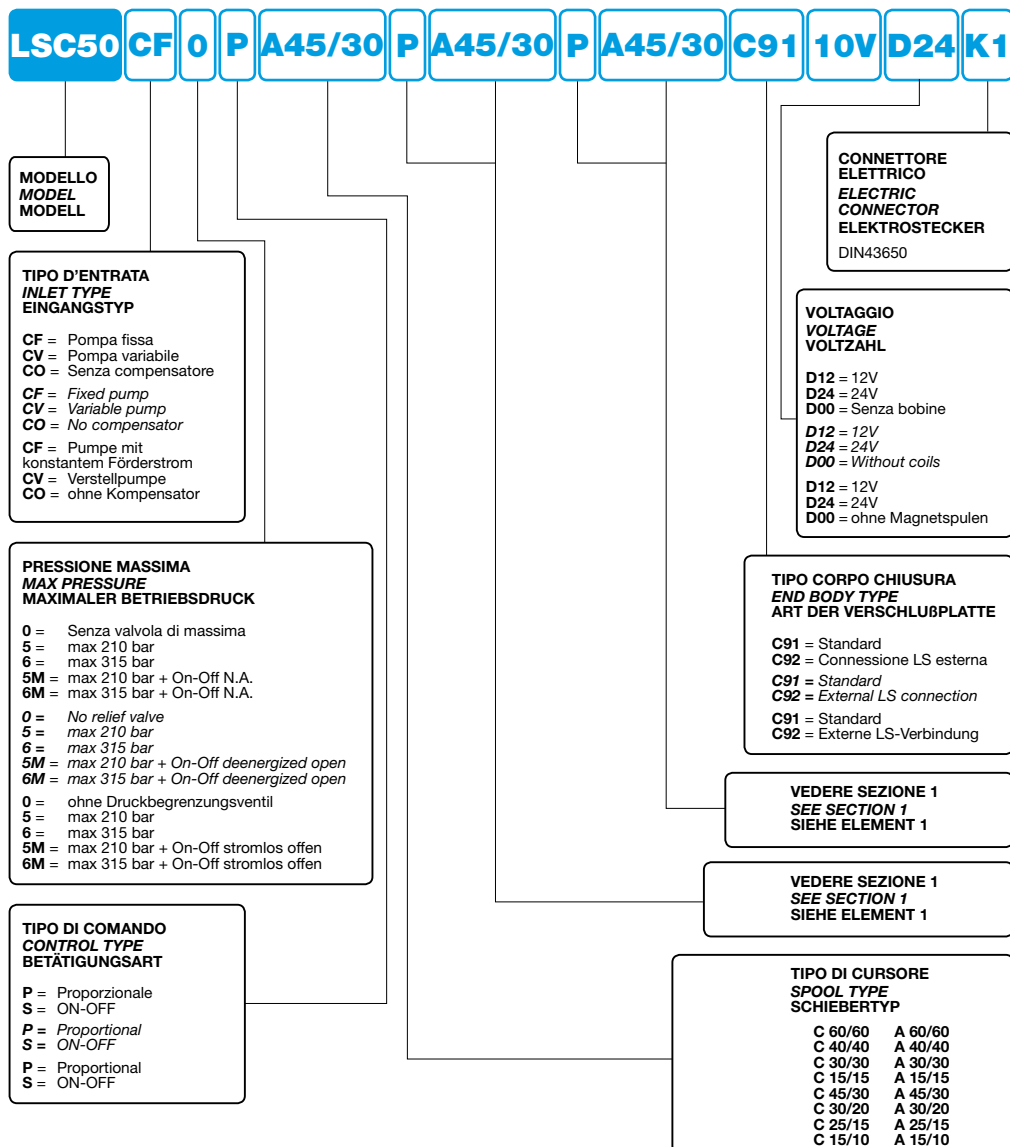
HYDRAULIC CIRCUIT DIAGRAM SHOWING BASIC FUNCTIONS FOR LSC50

MOGLICHE HYDRAULIKSCHEMATA FÜR LSC50





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