



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

LSC90

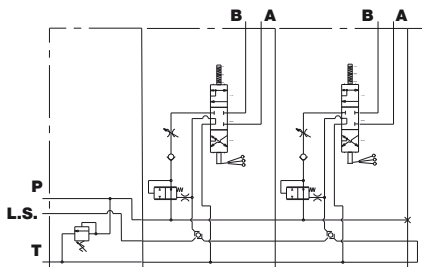
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LSC90

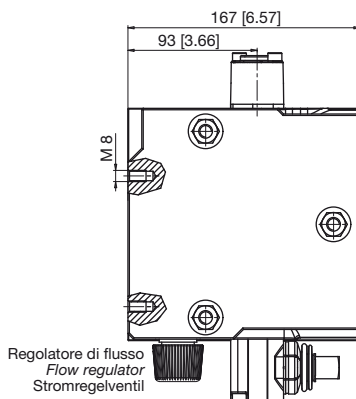
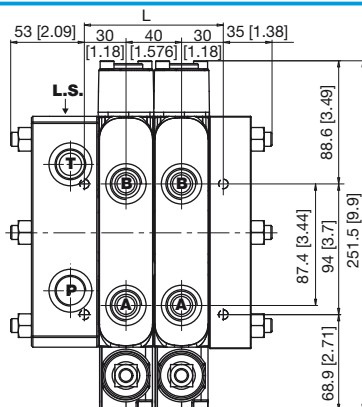
DISTRIBUTORI componibili LOAD SENSING LOAD SENSING DIRECTIONAL CONTROL VALVE LOAD-SENSING-SANDWICH-STEUERGERÄT

DATI TECNICI TECHNICAL DATA TECHNISCHE MERKMALE

Portata nominale (max) <i>Nominal flow (max)</i>	100 (140) l/min 26.4 (36.96) gpm
Nominaler Durchfluß (max)	
Pressione nominale <i>Nominal pressure</i>	250 (3625) bar (psi)
Nominaler Betriebsdruck	
Contropressione massima allo scarico <i>Maximum tank pressure</i>	20 (290) bar (psi)
Maximaler Gegendruck Tankleitung	
Massima trafilata interna <i>Maximum internal leakage</i>	<15 cc/min (21 cSt - 100 bar)
Maximale interne Leckage	
Temperatura di utilizzo <i>Temperature range</i>	-20°C +85°C NBR seals (max peak +100°C) -20°C + 130°C HNBR seals
Betriebstemperatur	
Viscosità olio <i>Oil viscosity</i>	Da 15 cSt a 90 cSt From 15 cSt to 90 cSt
Ölviskosität	Von 15 cSt nach 90 cSt
Fluido <i>Fluid</i>	Olio a base minerale Mineral based oil
Öl	Mineral Oil



STANDARD
STANDARD
STANDARD



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)
LSC901	60 [2.36]	22 (48.4)	LSC906	260 [10.24]	54.5 (120)
LSC902	100 [3.94]	28.5 (62.7)	LSC907	300 [11.81]	61 (134.2)
LSC903	140 [5.51]	35 (77)	LSC908	340 [13.39]	67.5 (148.5)
LSC904	180 [7.09]	41.5 (91.3)			
LSC905	220 [8.66]	48 (105.6)			

FILETTATURA THREAD GEWINDE

CODICE MODEL BEZEICHNUNG	TIPO TYPE GEWINDE	SERRAGGIO Nm TORQUE Nm ANZUGSMOMENT Nm
0	non lavorato	/
G	1"GAS ISO 1179	200
F	3/4" GAS ISO 1179	140
B	1/2" GAS ISO 1179	70
L	1/4"GAS ISO 1179	14
5	M27x2 ISO 9974	170
N	M22x1,5 ISO 9974	78
3	M14x1,5 ISO 9974	10
V	1"1/16 -12 SAE ISO 11926	125
R	7/8 - 14 SAE ISO 11926	77
P	9/16 - 18 SAE ISO 11926	21

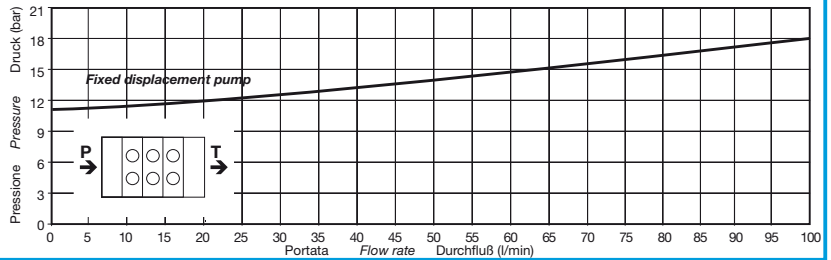


CURVE CARATTERISTICHE
FLOW CURVES
DUCHFLUSSKENNLINIEN

LSC90

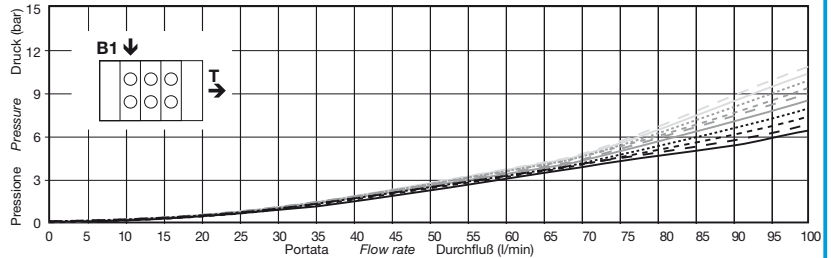
P-T

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



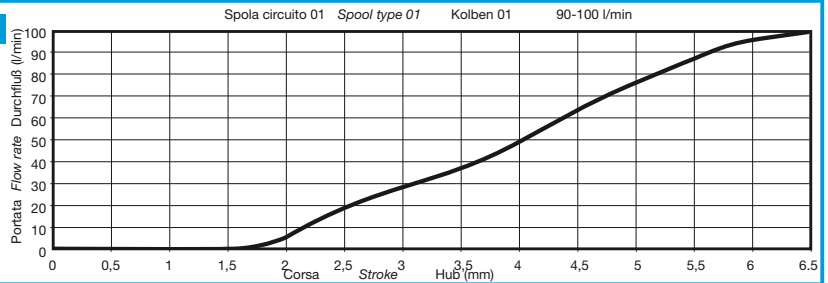
B-T

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

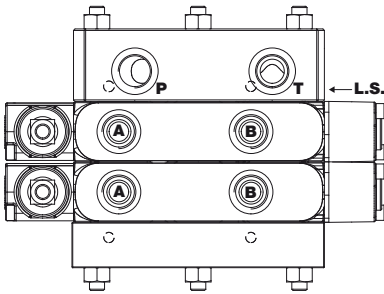


METERING

0 bar
50 bar
100 bar
150 bar



Parametri di prova: spola circuito 01
Testing parameters: 50°C - 21 cSt spool type 01
Prüfparameter: Kolben 01



	AZIONAMENTO ACTUATOR HEBELSEITE	
L		Manuale Manual Handhebel
A		Senza portaleva appendice standard Without lever holder standard appendix Ohne Hebelhalter, Kolben mit Zunge
C		Senza portaleva appendice piatta Without lever holder flat appendix Mechanische Betätigung mit geradem Kolbenende
T		Predisposizione cavo lato azionamento Cable setting on actuator side Anschluß für Bowdenzug
6		Elettro - proporzionale Electro-proportional Elektroproportionaler

**CIRCUITI E SCHEMI IDRAULICI**
HYDRAULIC CIRCUITS AND SCHEMES
KOLBEN UND HYDRAULISCHE SCHEMATA**LSC90**

CIRCUITO SPOOL TYPE KOLBEN TYP		POS. 3	POS. 1	POS. 0	POS. 2	POS. 4
01		P → B A → T	P → T A → B	P → A B → T		
03		P → B A → T	B, A → T P →	P → A B → T		
04		A → T P → B	P → T A → B	P → A B → T		
70		P → B A → T	P → T A → B	P → A B → T	B, A → T P →	

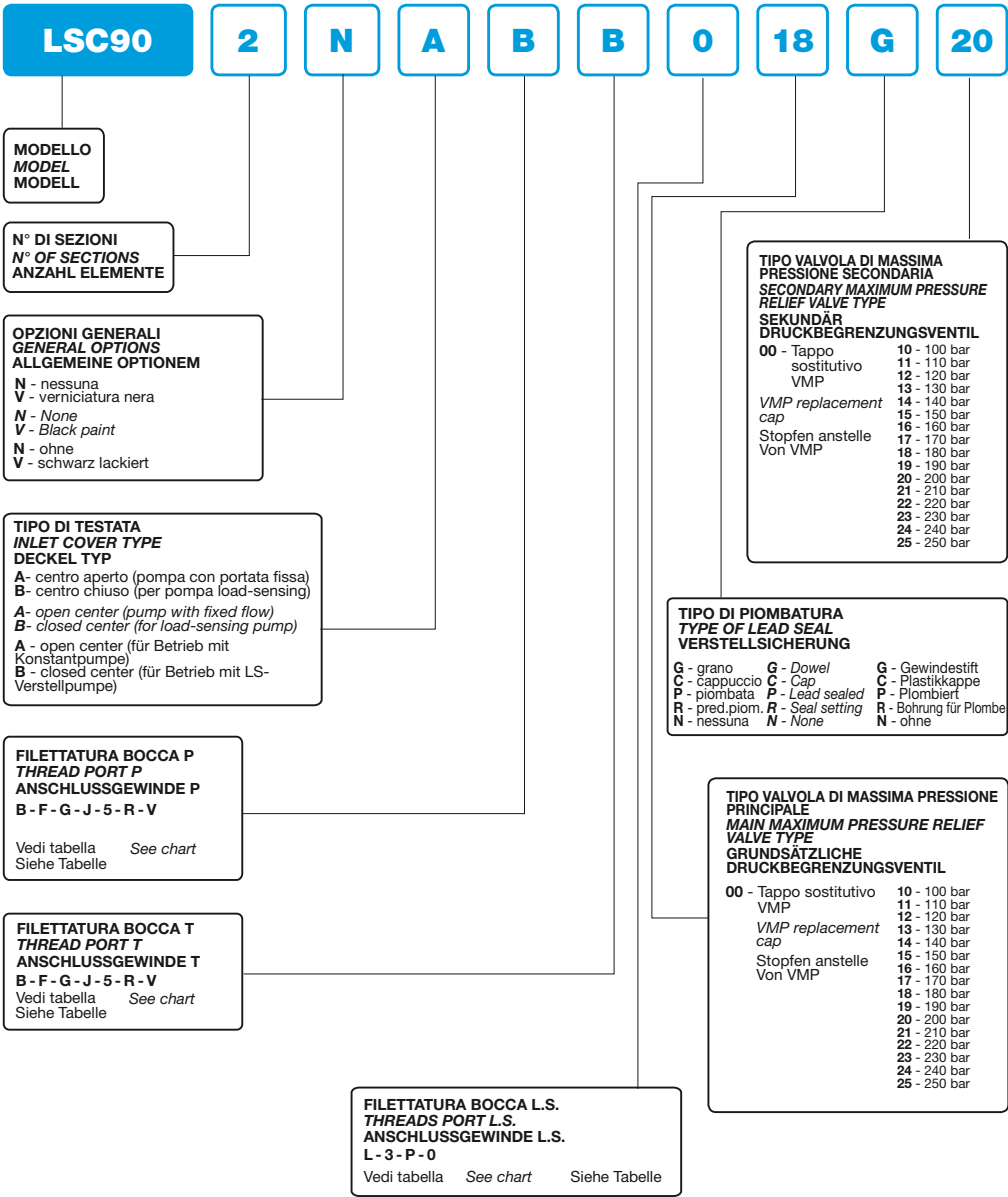
POSIZIONATORE SPOOL CONTROL SCHIEBERSTELLUNG	
0A	 Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0
0B	 Posizione neutra in 0, detent in 1 Neutral position in 0, detent in 1 Neutralstellung in 0, rastend in 1
0D	 Detent in 0, 1, 2 Detent in 0, 1, 2 Raststellung in 0, 1 und 2
0L	 Detent in 1 Detent in 1 Raststellung in 1
NT	 Posizione neutra in 0, detent in 4 Neutral position in 0, detent in 4 Neutralstellung in 0, rastend in 4
PT	 Detent in 1, 0, 2, 4 Detent in 1, 0, 2, 4 Raststellung in 1, 0, 2 und 4

**OPZIONI ELEMENTO
ELEMENT OPTIONS
OPTION ELEMENT**

A		Limitatore di flusso Flow limiter Mengenbegrenzung
B		Dispositivo zero trafilea Zero leakage device Vorrichtung für Leckölfreiheit
C		Limitatore di flusso + zero trafilea Flow limiter + zero leakage Mengenbegrenzung und Leckölfreiheit

**OPZIONI LEVA
LEVER OPTIONS
HEBEL-OPTIONEN**

A		110 mm diritta pomello standard 110 mm straight standard knob 110 mm gerade, Standard-Griff	L		Ergonomica diritta verticale 180 mm Ergonomic straight vertical 180 mm Ergonomischer Hebel, gerade, 180 mm, vertikal
B		130 mm diritta pomello standard 130 mm straight standard knob 130 mm gerade, Standard-Griff	M		Ergonomica diritta orizzontale 180 mm Ergonomic straight horizontal 180 mm Ergonomischer Hebel, gerade, 180 mm, horizontal
C		180 mm diritta pomello standard 180 mm straight standard knob 180 mm gerade, Standard-Griff	Y		Ergonomica piegata 15° orizzontale 180 mm Ergonomic bent 15°, horizontal 180 mm Ergonomischer Hebel, 15° gebogen, 180 mm, horizontal
D		210 mm diritta pomello standard 210 mm straight standard knob 210 mm gerade, Standard-Griff	O		Ergonomica piegata 15° verticale 180 mm Ergonomic bent 15°, vertical 180 mm Ergonomischer Hebel, 15° gebogen, 180 mm, vertikal
E		250 mm diritta pomello standard 250 mm straight standard knob 250 mm gerade, Standard-Griff	Q		Ergonomica piegata 30° orizzontale 180 mm Ergonomic bent 30°, horizontal 180 mm Ergonomischer Hebel, 30° gebogen, 180 mm, horizontal
F		300 mm diritta pomello standard 300 mm straight standard knob 300 mm gerade, Standard-Griff	R		Ergonomica piegata 30° verticale 180 mm Ergonomic bent 30°, vertical 180 mm Ergonomischer Hebel, 30° gebogen, 180 mm, vertikal
P	Parapolvere (disponibile solo per azionamento A) Dust guard (available only for actuator A) Abstreifer (nur für Betätigungen A)				





Ripetere per ogni sezione del distributore
Repeat for each section of the distributor
Für jede Sektion wiederholen

