



# FSL

**Pompa ad Ingranaggi**  
*Gear Pump*

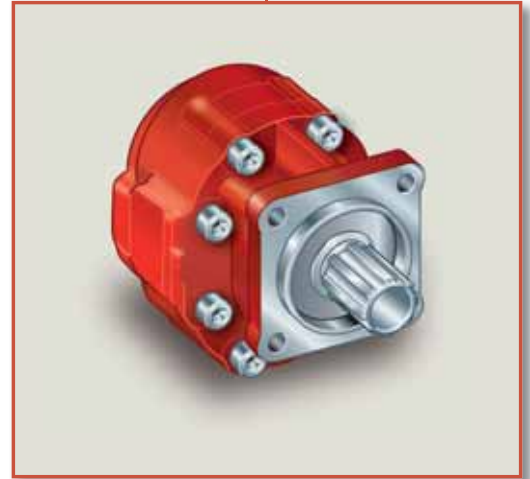
CODICE DI ORDINAZIONE / ORDERING CODE

200 **FSL** 057 **D** **S**  
 | | | |  
 TIPO/TYPE CILINDRATA/DISPLACEMENT ROTAZIONE/ROTATION  
 D = DESTRO/CLOCKWISE  
 S = SINISTRO/ANTICLOCKWISE  
 DIN 5462  
 POMPA AD INGRANAGGI/GEAR PUMP

**DIN** FSL 43  
**5 4 6 2** FSL 57  
**SE** FSL 65  
 FSL 90  
 FSL 110



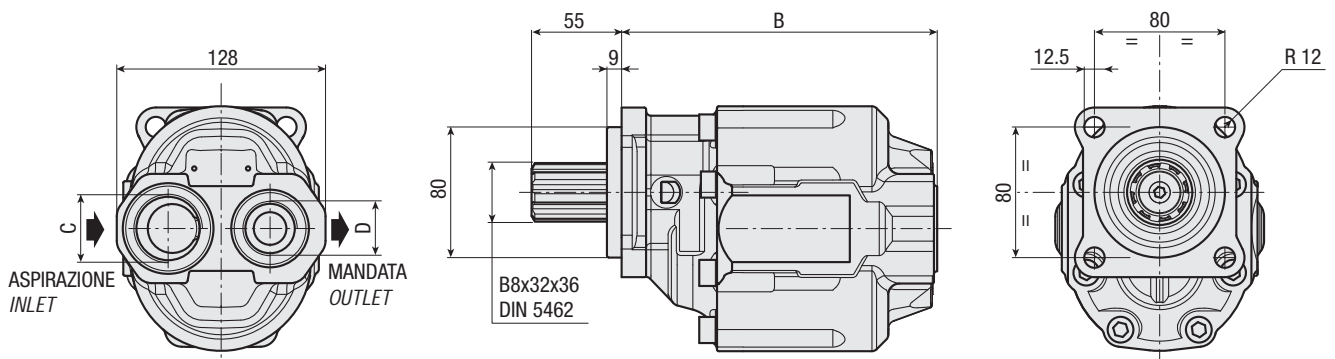
**SCANIA**



ALBERO USCITA NON SUPPORTATO  
OUTPUT SHAFT NOT SUPPORTED

**CARATTERISTICHE E DATI TECNICI / SPECIFICATIONS AND TECHNICAL DATA**

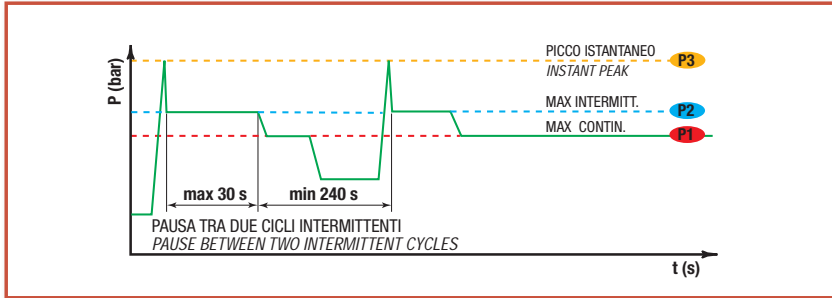
TIPO TYPE	CODICE CODE	CILINDRATA DISPLACEMENT cm <sup>3</sup> /rev.	B mm	C ASPIRAZIONE INLET	D MANDATA OUTLET	PESO WEIGHT kg
FSL 43	200FSL043 D S	43	132.5	1" G	3/4" G	10.2
FSL 57	200FSL057 D S	57	173.5	1" G	3/4" G	12.2
FSL 65	200FSL065 D S	65	178.5	1" G	3/4" G	12.6
FSL 90	200FSL090 D S	90	193.5	1" 1/4 G	1" G	13.9
FSL 110	200FSL110 D S	105	204.5	1" 1/4 G	1" G	14.3



KIT RASAMENTI/THRUST PLATES KIT COD. 2F451015000 KIT GUARNIZIONI COMPLETO/COMPLETE SEALS KIT COD. 2Z551090000

DATI TECNICI / TECHNICAL DATA

ESEMPIO CICLI LAVORO / EXAMPLE OF WORKING CYCLES



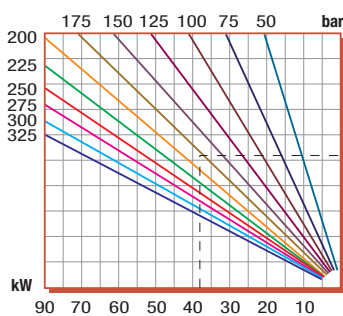
Pressione d'aspirazione: Inlet pressure:	0.7 ÷ 1.5 bar (assoluti/absolute)
Campo viscosità lavoro: Operating viscosity range:	12 ÷ 100 cSt
Temperatura fluido °C (t): Fluid temperature °C (t):	-10° + 80° C

Pressione Lavoro Working Press. P2	Contaminazione / Contamination		Filtro / Filter βx = 75
	NAS 1638	ISO 4406	
≤ 200 bar	12	21/18	40 μm
≥ 200 bar	11	20/17	25 μm

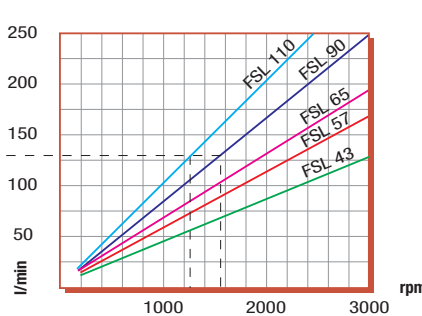
◀ FILTRAZIONE CONSIGLIATA (ritorno o mandata)  
RECOMMENDED FILTERING (return or outlet)

TIPO / TYPE				FSL43	FSL57	FSL65	FSL90	FSL110
Cilindrata Displacement	Vg	cm <sup>3</sup> /n cm <sup>3</sup> /rev.		43	57	65	84	105
Pressione massima continua Max continuous operating pressure	P1	bar		280	240	220	210	180
Pressione massima intermittente Max intermitt. operat. press.	(max 30 s)		P2	305	265	240	230	200
Pressione massima di picco Max peak pressure	(≤ 0.1 s)		P3	325	285	250	250	220
Velocità massima intermittente Max intermittent speed	(P ≤ 20 bar)	n3	n/min r.p.m.	3500	3500	3500	3500	3000
Velocità massima continua Max continuous speed	(≤ P1)	n1		2200	2000	1800	1500	1500
Velocità minima intermittente Min intermittent speed	(≤ P2 x 0.5) (max 30 s)	n4		350	300	300	300	300

POTENZA ASSORBITA / POWER INPUT

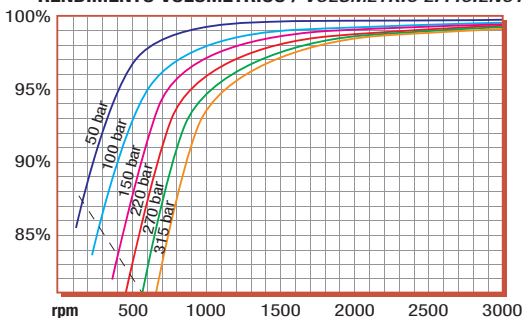


PORTATA / CAPACITY

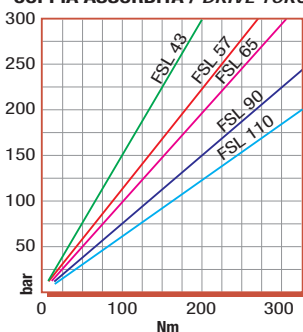


DIAGRAMMI / DIAGRAMS

RENDIMENTO VOLUMETRICO / VOLUMETRIC EFFICIENCY



COPIA ASSORBITA / DRIVE TORQUE



RILIEVI ESEGUITI CON OLIO  
ISO VG 46 A 50° C (√= 30 cSt)  
THE ABOVE SPECIFICATIONS  
REFER TO OIL TYPE ISO  
VG 46 AT 50° C (√=30 cSt)