

# FZH

## Pompa ad Ingranaggi Gear Pump

### CODICE DI ORDINAZIONE - ORDERING CODE

200 FZH 075 D 0

21 UNI 222

ROTAZIONE/ROTATION  
D = DESTRO/CLOCKWISE  
S = SINISTRO/ANTICLOCKWISE

CILINDRATA/DISPLACEMENT

TIPO/TYPE

POMPA AD INGRANAGGI/GEAR PUMP

UNI  
21-222

FZH 75

FZH 85

FZH 100

FZH 116

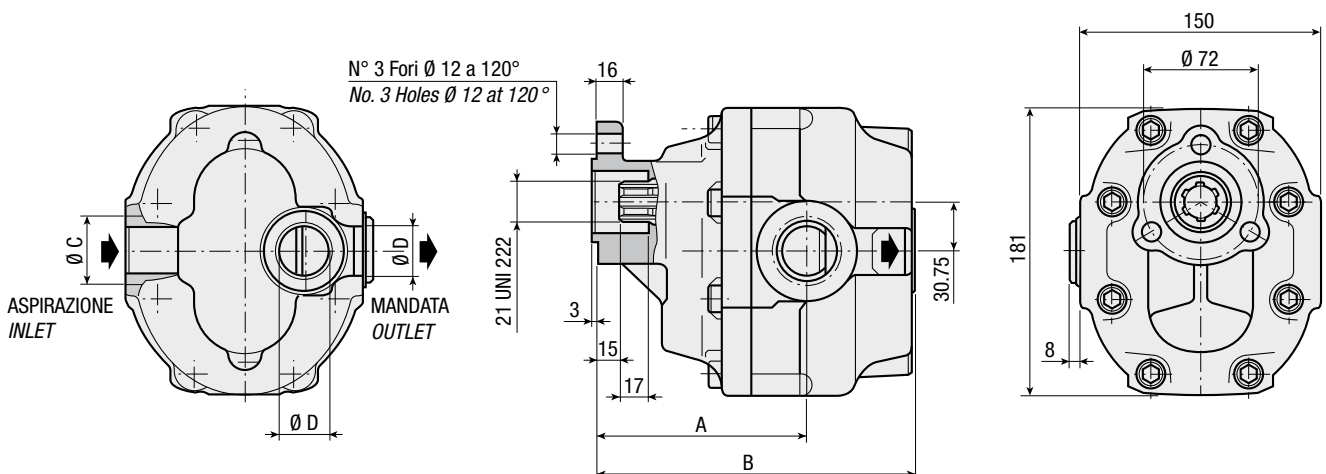
FZH 130

FZH 150



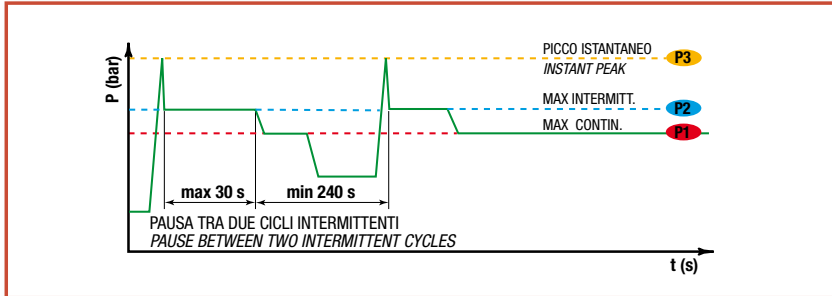
### CARATTERISTICHE E DATI TECNICI - SPECIFICATIONS AND TECHNICAL DATA

TIPO TYPE	CODICE CODE	CILINDRATA DISPLACEMENT cm <sup>3</sup> /rev.	A mm	B mm	C ASPIRAZIONE INLET	D MANDATA OUTLET	PESO WEIGHT kg
FZH 75	200FZH075 D S 0	73	127	194	1" 1/4 G	1" G	16.3
FZH 85	200FZH085 D S 0	84	129.5	198	1" 1/4 G	1" G	17.2
FZH 100	200FZH100 D S 0	100	139	204	1" 1/4 G	1" G	18.1
FZH 116	200FZH116 D S 0	116	139	210	1" 1/4 G	1" G	19
FZH 130	200FZH130 D S 0	132	135	216	1" 1/2 G	1" G	19.9
FZH 150	200FZH150 D S 0	148	143	222	1" 1/2 G	1" G	20.8



## DATI TECNICI - TECHNICAL DATA

### ESEMPIO CICLI LAVORO - EXAMPLE OF WORKING CYCLES



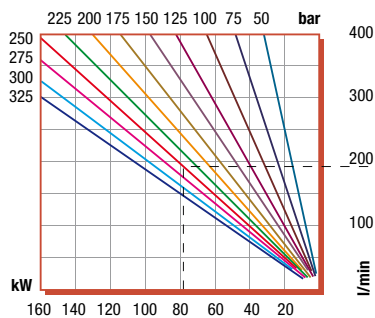
Pressione d'aspirazione: Inlet pressure:	0.7 ÷ 1.5 bar (assoluti/absolute)
Campo viscosità lavoro: Operating viscosity range:	12 ÷ 100 cSt
Temperatura fluido °C (t): Fluid temperature °C (t):	-10° + 80° C

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

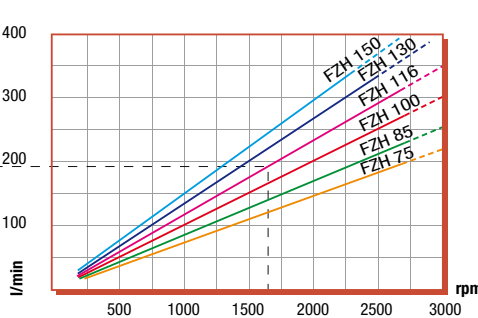
◀ **FILTRAZIONE CONSIGLIATA (ritorno o mandata)**  
**RECOMMENDED FILTERING (return or outlet)**

TIPO - TYPE			FZH75	FZH85	FZH100	FZH116	FZH130	FZH150	
Cilindrata Displacement	Vg	cm <sup>3</sup> /n cm <sup>3</sup> /rev.	73	84	100	116	132	148	
Pressione massima continua Max continuous operating pressure	P1	bar	300	250	250	240	210	180	
Pressione massima intermittente Max intermitt. operat. press.	(max 30 s)		P2	320	280	270	260	210	180
Pressione massima di picco Max peak pressure	(≤ 0.1 s)		P3	450	375	375	340	315	270
Velocità massima intermittente Max intermittent speed	(P ≤ 20 bar)	n3	3800	3500	3500	3000	3000	3000	
Velocità massima continua Max continuous speed	(≤ P1)	n1	1800	1800	1500	1500	1500	1500	
Velocità minima intermittente Min intermittent speed	(≤ P2 x 0.5) (max 30 s)	n4	300	300	250	250	250	250	

POTENZA ASSORBITA - POWER INPUT

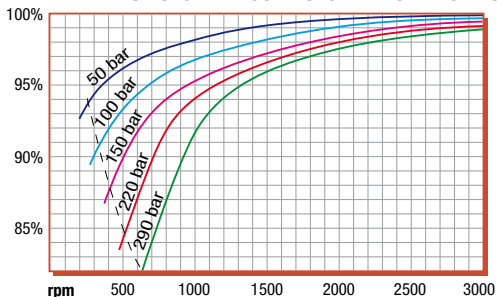


PORTATA - CAPACITY

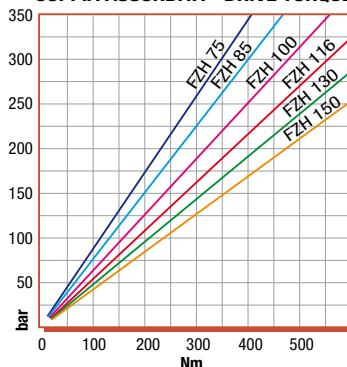


## DIAGRAMMI - DIAGRAMS

RENDIMENTO VOLUMETRICO - VOLUMETRIC EFFICIENCY



COPPIA 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)