



# FZS

## Pompa ad Ingranaggi Gear Pump

CODICE DI ORDINAZIONE / ORDERING CODE

200 **FZS** 015 **D S** 2

TIPO / TYPE  
(SAE "B" 13 DENTI)  
(SAE "B" 13 TEETH)

CILINDRATA / DISPLACEMENT

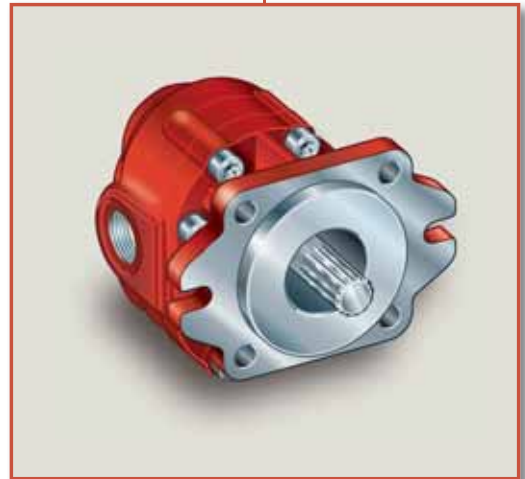
ROTAZIONE / ROTATION  
D = DESTRO / CLOCKWISE  
S = SINISTRO / ANTICLOCKWISE

FILETTATURA IN POLLICI GAS  
THREAD IN GAS INCHES

POMPA AD INGRANAGGI / GEAR PUMP

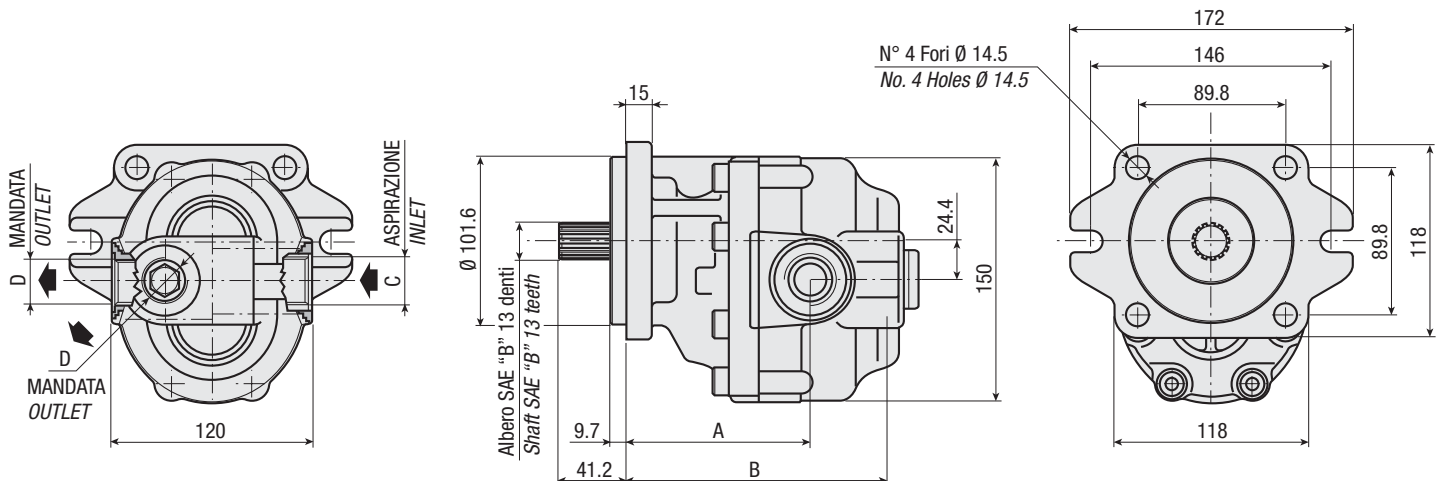
**SAE**

FZS 15  
FZS 22  
FZS 36  
FZS 43  
FZS 57  
FZS 65  
FZS 90  
FZS 110



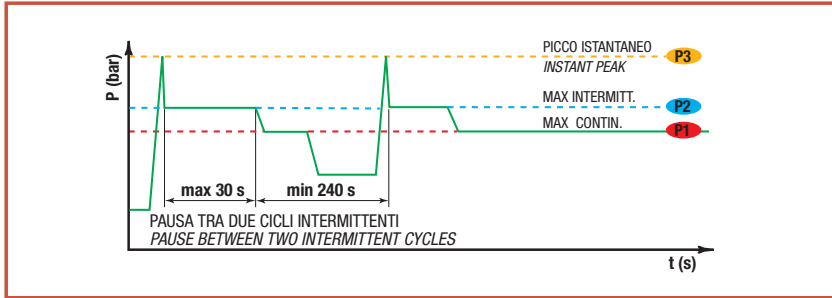
CARATTERISTICHE E DATI TECNICI / SPECIFICATIONS AND TECHNICAL DATA

TIPO TYPE	CODICE CODE	CILINDRATA DISPLACEMENT cm <sup>3</sup> /rev.	A mm	B mm	C ASPIRAZIONE INLET	D MANDATA OUTLET	PESO WEIGHT kg
FZS 15	200FZS015 D S 2	15	96.5	142.5	3/4" G	1/2" G	11.8
FZS 22	200FZ0022 D S 2	22	101.5	147.5	3/4" G	1/2" G	12.3
FZS 36	200FZS036 D S 2	36	99.5	157.5	3/4" G	1/2" G	13
FZS 43	200FZS043 D S 2	43	104,5	104.5	1" G	3/4" G	13.4
FZS 57	200FZS057 D S 2	57	111.5	172.5	1" G	3/4" G	14.2
FZO 65	200FZS065 D S 2	65	116.5	177.5	1" G	3/4" G	14.7
FZS 90	200FZS090 D S 2	84	126	192.5	1" 1/4 G	1" G	15.7
FZS 110	200FZS110 D S 2	105	138	204.5	1" 1/4 G	1" G	17.5



**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

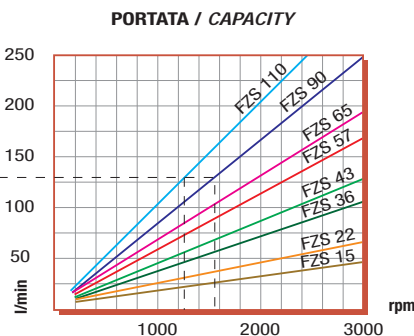
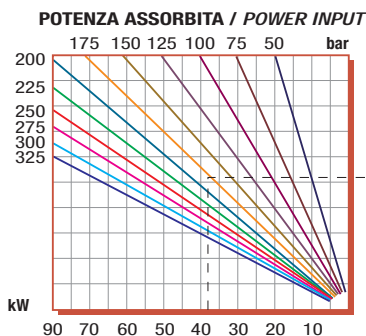
**CONVERSIONI UNITÀ DI MISURA - MEASUREMENT UNIT CONVERSIONS**

1 m = 39.370 in	1 Kw = 1.341 hp
1 kg = 2.204 lb	1 l/min = 0.264 gpm
1 bar = 14.503 psi	1 N·m = 0.737 lbf·ft

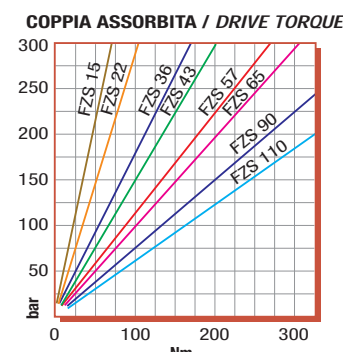
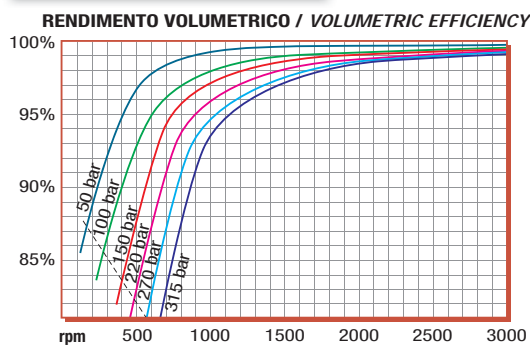
Pressione Lavoro Working Press. P2	Contaminazione / Contamination		Filtro / Filter βx = 75
	NAS 1638	ISO 4406	
≤ 200 bar	12	21/18	40 μm
≥ 200 bar	11	20/17	25 μm

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

TIPO / TYPE		FZS15	FZS22	FZS36	FZS43	FZS57	FZS65	FZS90	FZS110
Cilindrata Displacement	Vg cm <sup>3</sup> /n cm <sup>3</sup> /rev.	15	22	36	43	57	65	84	105
Pressione massima continua Max continuous operating pressure	P1	315	305	300	280	240	220	210	180
Pressione massima intermittente Max intermitt. operat. pressure	(max 30 s) P2	340	330	325	305	265	240	230	200
Pressione massima di picco Max peak pressure	(≤ 0.1 s) P3	450	450	450	400	380	350	300	250
Velocità massima intermittente Max intermittent speed	(P ≤ 20 bar) n3	4000	4000	3500	3500	3500	3500	3500	3000
Velocità massima continua Max continuous speed	(≤ P1) n1	2500	2500	2200	2200	2000	1800	1500	1500
Velocità minima intermittente Min intermittent speed	(≤ P2 x 0.5) (max 30 s) n4	450	450	350	350	300	300	300	300



**DIAGRAMMI / DIAGRAMS**



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