

POMPE AD INGRANAGGI REVERSIBILI FISSAGGIO 4 FORI-ISO

CODICE FAMIGLIA
FAMILY CODE

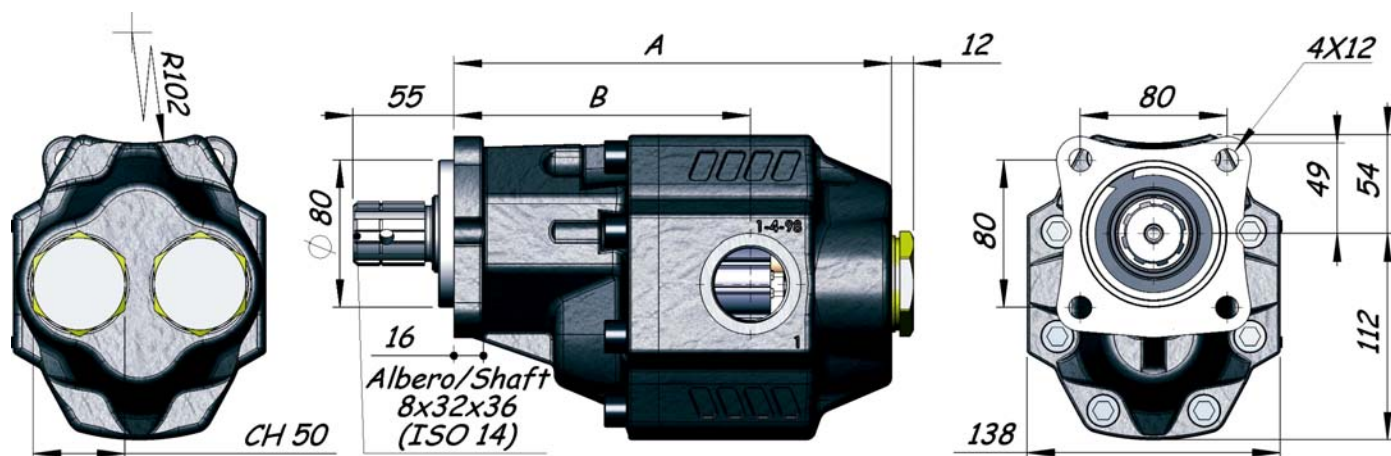
105-033

**4 HOLES-ISO REVERSIBLE
HYDRAULIC GEAR PUMPS**

LTMH ISO



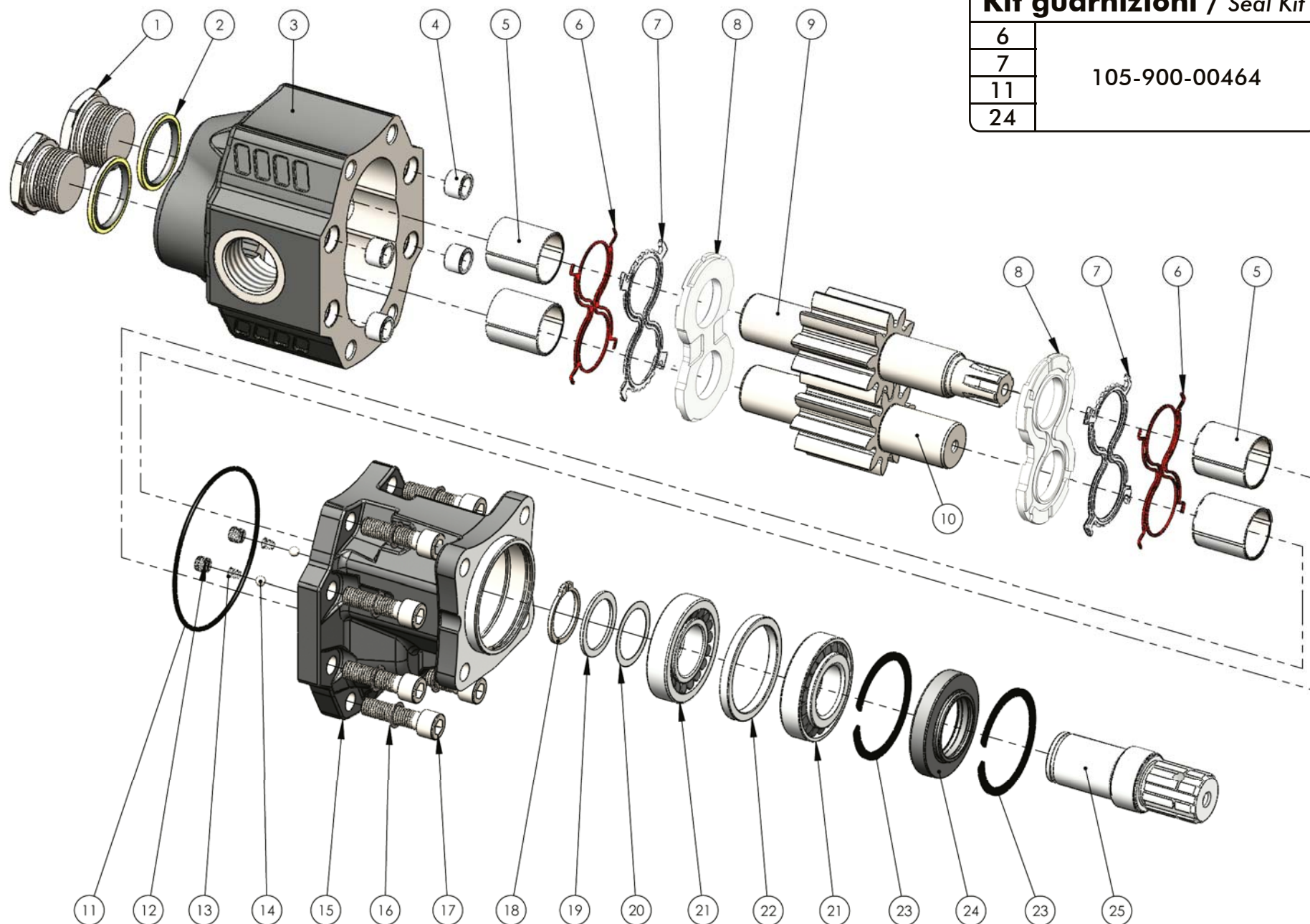
Fluido idraulico Fluid	Minerale o sintetico compatibile con guarnizioni: Mineral or synthetic compatible with the following seals: NBR, FKM, FPM, Nylon				
Viscosità cinematica consigliata Kinematic viscosity suggested	T media ambiente (°C) Average ambient temp. (°C)	< -10	-10÷10	10÷35	> 35
	VG (cSt = mm ² /s)	22	32	46	68
Viscosità cinematica ottimale di esercizio Optimale kinematic viscosity			VG= 10 cSt ÷ 100 cSt		
Viscosità cinematica max consentita all'avviamento Max kinematic viscosity suggested at the start-up			VG= 750 cSt		
Indice di viscosità consigliato Viscosity index suggested		VI > 100	Temperatura di esercizio Working temperature		
			-15°C +100°C		
Grado di filtrazione Oil filtering			> 200 bar: 10 µm < 200 bar: 25 µm		
Pressione di aspirazione Inlet pressure			-0,3 ÷ 2 bar		
Senso di rotazione Pump rotation			Bidirezionale Bidirectional		



Tipo pompa Pump type	Codice ordinazione Order code	IN	OUT	A	B	Peso Weight
		ISO 228	ISO 228	mm	mm	Kg
LTMH-90	105-033-10908	G 1 1/4	G 1 1/4	228,5	151,5	19,5
LTMH-100	105-033-11005			232,5	155,5	18,7
LTMH-112	105-033-11121			238,5	161,5	20
LTMH-120	105-033-11201			242,5	165,5	20,2

Kit guarnizioni / Seal Kit

6	105-900-00464
7	
11	
24	



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HYDRAULIC COMPONENTS



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N° N°	90	100	112	120	Codice P. Number	Descrizione Description		Quantità Quantity
1	•	•	•	•	540-002-00165	Tappo Acciaio 1"1/4	Steel plug 1"1/4	2
2	•	•	•	•	116-009-11137	Rondella acciaio-gomma 1"1/4	Steel-rubber washer 1"1/4	2
3	•				517-017-00907	Corpo pompa	Gear housing	1
		•			517-017-01004			
			•		517-017-01120			
				•	517-017-01200			
4	•	•	•	•	501-003-00291	Spine forate di centraggio 18x12.5	Pins 18x12.5	4
5	•	•	•	•	533-004-00220	Boccola autolub. 32x36x40	Bushing 32x36x40	4
6	•	•	•	•	506-000-02014	Guarnizione antiestrusione	Back-up ring	2
7	•	•	•	•	506-000-02005	Guarnizione per rasamento	Thrust plate seal	2
8	•	•	•	•	510-010-00364	Rasamento ad occhiale	Thrust plate	2
9	•				523-036-00901	Albero dentato conduttore	Drive shaft	1
		•			523-036-01008			
			•		523-036-01124			
				•	523-036-01204			
10	•				523-035-00902	Albero dentato condotto	Driven shaft	1
		•			523-035-01009			
			•		523-035-01125			
				•	523-035-01205			
11	•	•	•	•	506-000-02023	Guarnizione OR	O-ring	1
12	•	•	•	•	504-000-00412	Grano valvola lubrificazione	Lube valve screw	2
13	•	•	•	•	512-004-00206	Molla conica	Tapered spring	2
14	•	•	•	•	510-009-00054	Sfera 1/4"	Ball 1/4"	2
15	•	•	•	•	518-003-00385	Coperchio anteriore	Mounting cover	1
16	•	•	•	•	501-020-00129	Rondella elastica	Washer	8
17	•	•	•	•	502-005-00573	Vite TCE M12x45	Screw M12x45	8
18	•	•	•	•	501-000-01355	Anello seeger	Seeger ring	1
19	•	•	•	•	529-007-00208	Rondella speciale 45x35x2	Special washer 45x35x2	1
20	•	•	•	•	529-007-00226	Rondella speciale 45x35x0,,2	Special washer 45x35x0,,2	1
21	•	•	•	•	510-002-00211	Cuscinetto a rulli conici 35x72x18,25	Tapered roller bearing 35x72x18,,25	2
22	•	•	•	•	530-001-00783	Distanziale 60x72x6,75	Spacer 60x72x6,75	1
23	•	•	•	•	501-000-02729	Anello elastico	Circlip	2
24	•	•	•	•	506-008-42723	Guarnizione paraolio	Oil seal	1
25	•	•	•	•	114-005-00147	Manicotto	Coupling	1

LTMH ISO

ESPLOSO POMPE AD INGRANAGGI
GEAR PUMPS

105-033

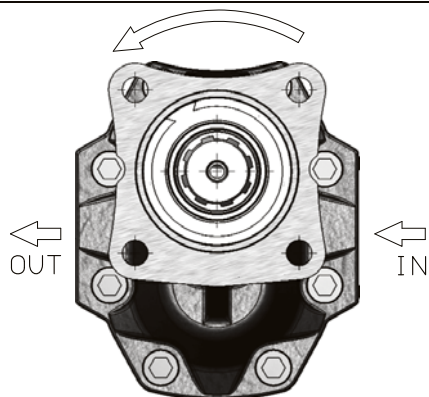
CARATTERISTICHE TECNICHE DI FUNZIONAMENTO**TECHNICAL FEATURES**

Tipo pompa Pump type	Cilindrata Displacement cm ³ /rev	Pressione Pressure			Velocità max. continua Max. continuous speed rpm	Velocità max. intermittente Max. intermittent speed rpm	Velocità min. Min. speed rpm
		P1 bar	P2 bar	P3 bar			
LTMH-90	91,45	230	250	265	1800	2700	300
LTMH-100	99,77	220	240	255			
LTMH-112	112,24	205	225	240			
LTMH-120	122,45	195	215	230	1500	2500	300

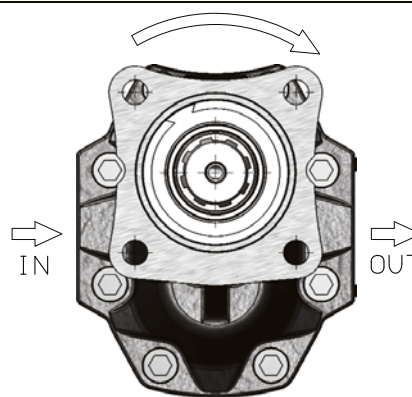
P1=Pressione max.continua
P2=Pressione max. intermittente
P3=Pressione max. di punta

Max. continuous pressure
Max. Intermittent pressure
Max. peak pressure

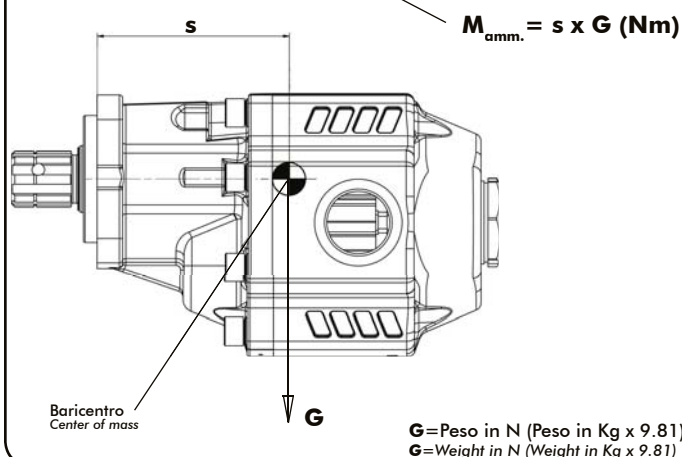
(100%)
(20 sec.max.)
(6 sec.max.)

CARATTERISTICHE TECNICHE DI FUNZIONAMENTO - TECHNICAL FEATURES
Rotazione antioraria, pompa sinistra
Anti-clockwise rotation, left pump


Vista FRONTALE
FRONT

Rotazione oraria, pompa destra
Clockwise rotation, right pump


Vista FRONTALE
FRONT

MOMENTO PESO / MASS MOMENT**Tipo pompa - Pump type****S**

LTMH-90	123
LTMH-100	126
LTMH-112	129
LTMH-120	132