

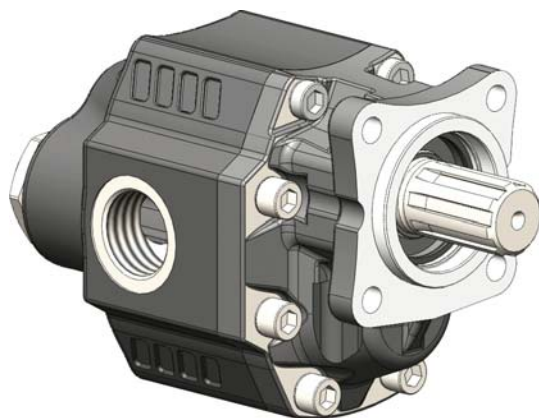
POMPE AD INGRANAGGI REVERSIBILI FISSAGGIO 4 FORI-ISO

CODICE FAMIGLIA
FAMILY CODE

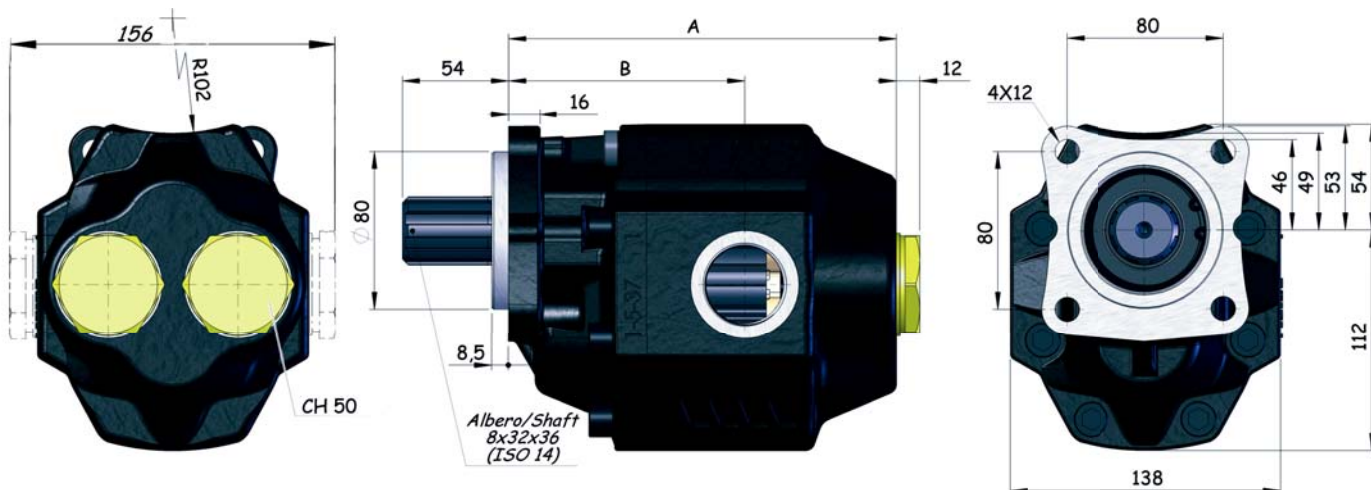
105-033

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

LTMH ISO-SHORT



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 = mm²/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	105-033-20906	G 1 1/4	G 1 1/4	187,5	110,5	18
LTMH-100	105-033-21003			191,5	114,5	17,2
LTMH-112	105-033-21129			197,5	120,5	18,5
LTMH-120	105-033-21209			201,5	124,5	18,7



POMPE DA NON UTILIZZARE CON CARICHI ASSIALI E RADIALI SULL'ALBERO

NO AXIAL AND RADIAL LOADS ALLOWED ON PUMP SHAFT

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OMFB
HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components
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**COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO/TS 16949 =**

Codice fascicolo: 997-400-10510

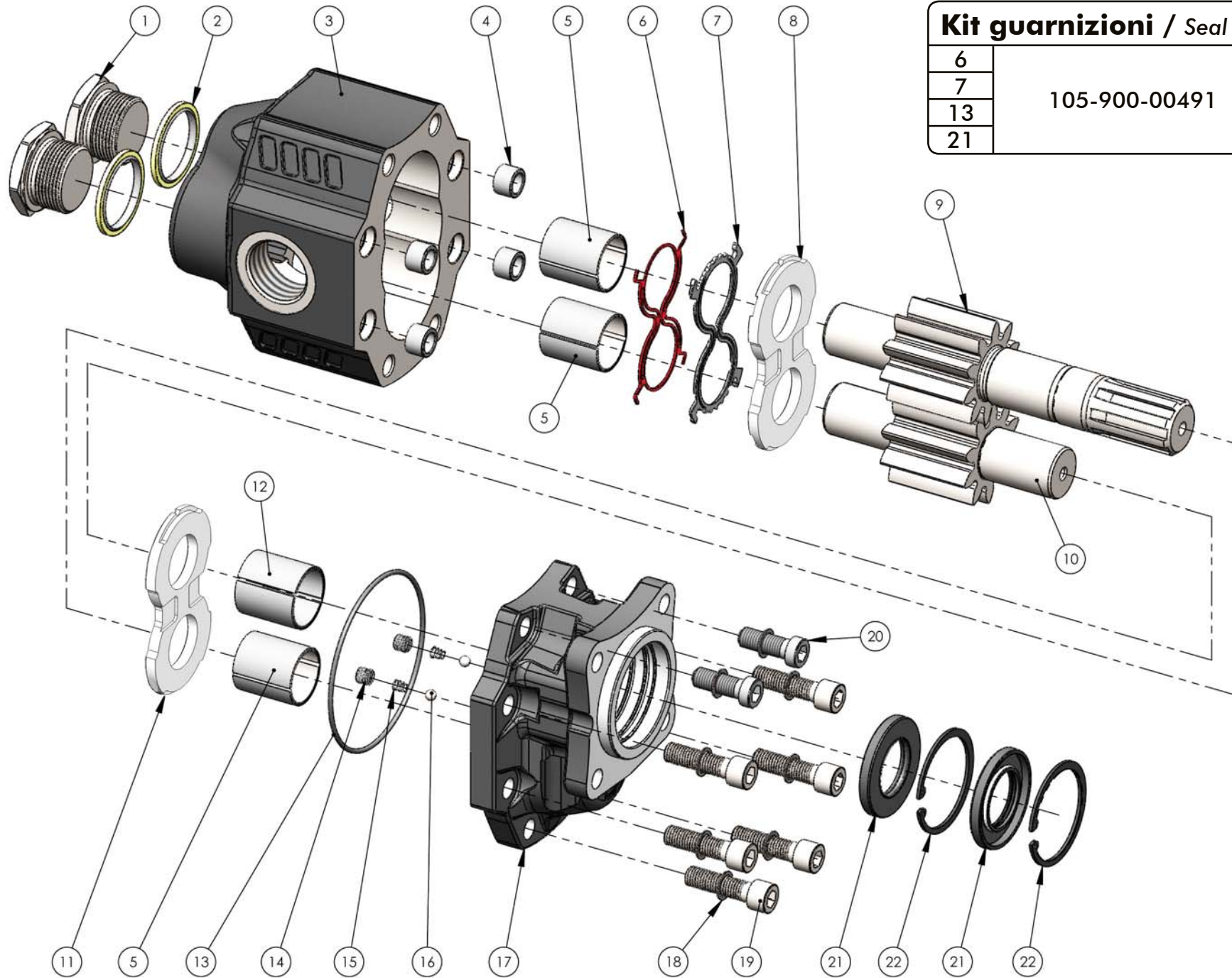
Data: Venerdì 3 febbraio 2017

Rev: AF

Codice foglio: 997-105-03320

Kit guarnizioni / Seal Kit

6	105-900-00491
7	
13	
21	





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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	•	•	•	•	116-009-01137	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	3
6	•	•	•	•	506-000-02014	Guarnizione antiestrusione	Back-up ring	1
7	•	•	•	•	506-000-02005	Guarnizione per rasamento	Thrust plate seal	1
8	•	•	•	•	510-010-00300	Rasamento ad occhiale	Thrust plate	1
9	•				523-037-00900	Albero dentato conduttore	Drive shaft	1
		•			523-037-01007			
			•		523-037-01123			
				•	523-037-01203			
10	•				523-035-00902	Albero dentato condotto	Driven shaft	1
		•			523-035-01009			
			•		523-035-01125			
				•	523-035-01205			
11	•	•	•	•	510-010-00319	Rasamento ad occhiale	Thrust plate	1
12	•	•	•	•	533-004-00248	Boccola autolub. 35x39x40	Bushing 35x39x40	1
13	•	•	•	•	506-000-02023	Guarnizione OR	O-ring	1
14	•	•	•	•	504-000-00412	Grano valvola lubrificazione	Lube valve screw	2
15	•	•	•	•	512-004-00206	Molla conica	Tapered spring	2
16	•	•	•	•	510-009-00054	Sfera 1/4"	Ball 1/4"	2
17	•	•	•	•	518-003-00429	Coperchio anteriore	Mounting cover	1
18	•	•	•	•	501-020-00129	Rondella elastica	Washer	8
19	•	•	•	•	502-005-00573	Vite TCE M12x45	Screw M12x45	6
20	•	•	•	•	502-000-00265	Vite TCE M12x35	Screw M12x35	2
21	•	•	•	•	506-024-62354	Guarnizione paraolio	Oil seal	2
22	•	•	•	•	501-001-00588	Anello seeger	Seeger ring	2

LTMH ISO-SHORT

ESPLOSO POMPE AD INGRANAGGI
GEAR PUMPS

105-033

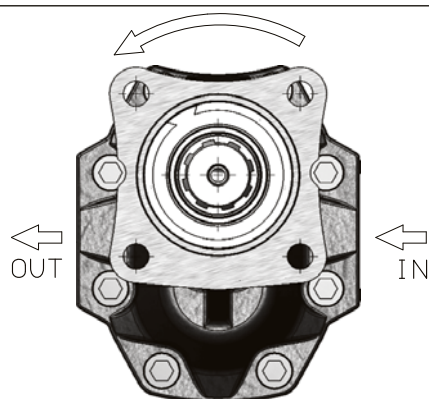
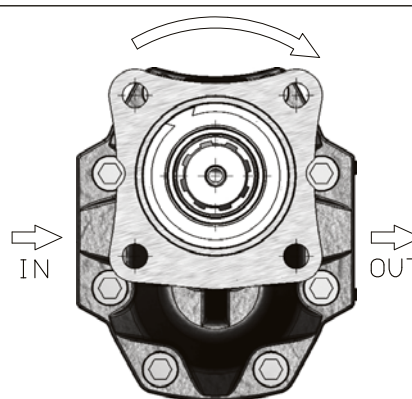
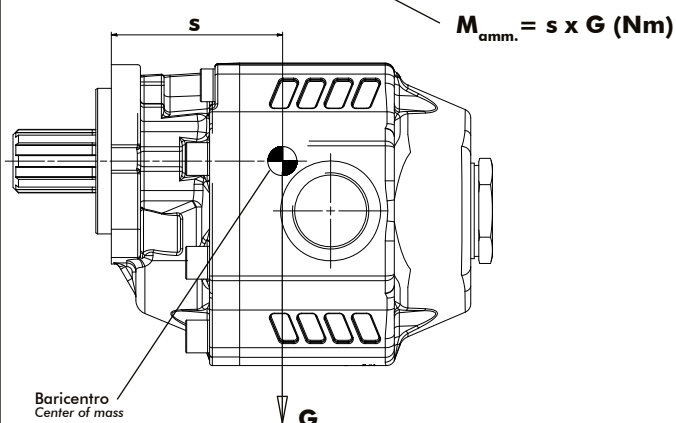
CARATTERISTICHE TECNICHE DI FUNZIONAMENTO - TECHNICAL FEATURES

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	P2	P3			
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 pumpVista FRONTALE
FRONT**Rotazione oraria, pompa destra**
Clockwise rotation, right pumpVista FRONTALE
FRONT**MOMENTO PESO / MASS MOMENT**

G=Peso in N (Peso in Kg x 9.81)
G=Weight in N (Weight in Kg x 9.81)

Tipo pompa - Pump type	S
LTMH-90	97
LTMH-100	101
LTMH-112	104
LTMH-120	107