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Fig.1

Fig.2

REF	DESCRIPTION ITEM	Q.TY
1	Hydraulic pump	1

Tab.1

Displacement [cm³/rev]	91.45
Functioning	Gears
Coupling	DIN 5462 8x32x36
Direction of rotation	Bidirectional
IN port	1 1/4" BSP
OUT port	1 1/4" BSP
Max. continuous press. [bar]	230
Max. intermittent press. [bar]	250
Max. peak press. [bar]	265
Max. continuous speed [rpm]	1800
Weight [Kg]	19.5

Tab.2

1. FUNCTIONAL DIAGRAM

1.1 ANTI-CLOCKWISE ROTATION, LEFT PUMP

Fig.3

1.2 CLOCKWISE ROTATION, RIGHT PUMP

Fig.4

Fig.5

*Complete instruction **manuals and video** aided instructions are available on **www.binotto.com**.*
Register on-line to access to the Operators' Reserved Area. Subject to change without notice.

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MOUNTING INSTRUCTIONS
HYDRAULIC PUMP
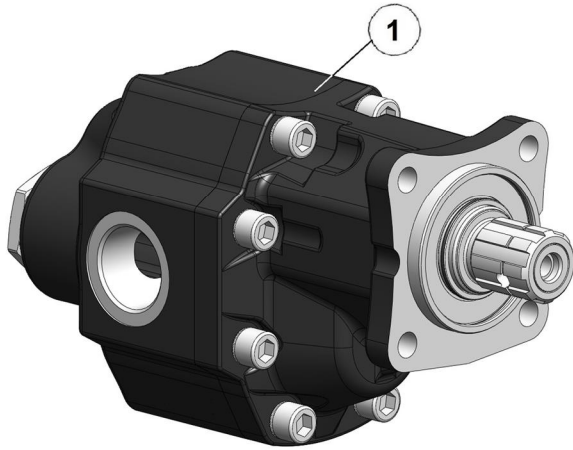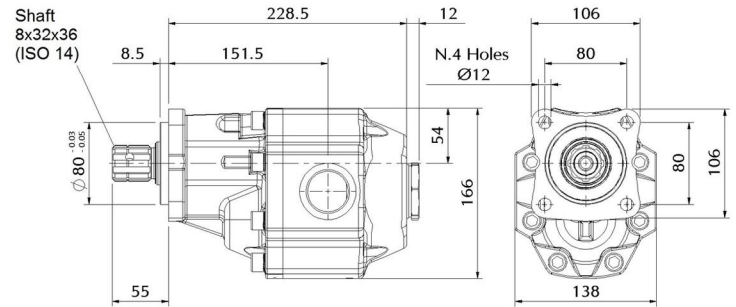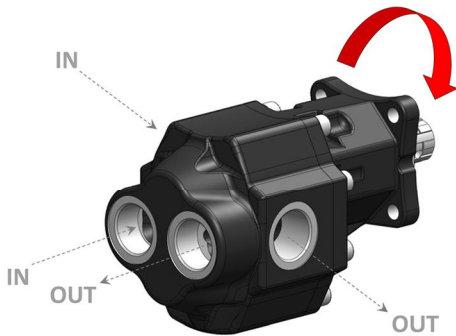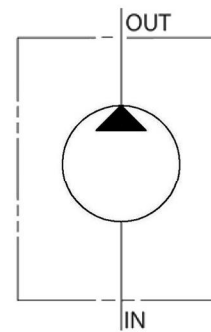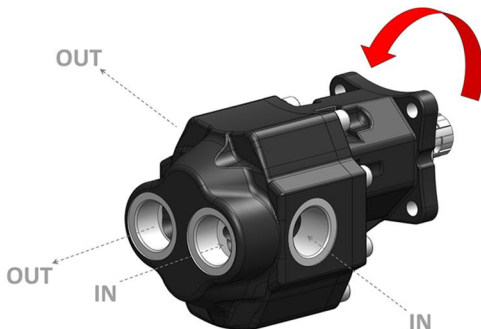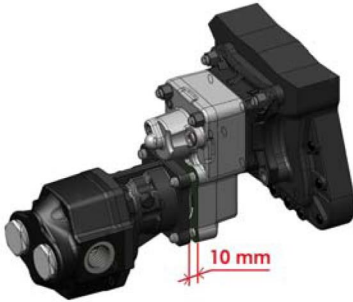(order code: PMP#S7RI)

MI_PMP#S7RI • Rev. A • 16 OCT 2015 •Pag.2

2. INSTRUCTIONS FOR DIRECT MOUNT PUMP-PTO

To prevent splines from wear please grease pump shafts and / or couplings.

2.1 – Mount the pump on the PTO interposing the gasket supplied with the PTO.
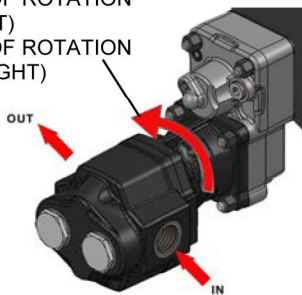Keep the pump away from the PTO of 10mm as shown

2.2 - Screw the 4 nuts interposing the washers for a few mm to prevent the pump from falling accidentally

2.3 - Push the pump against the PTO and fully tighten the 4 nuts with a torque of 30Nm

DIRECTION OF ROTATION OF PTO (LEFT)
DIRECTION OF ROTATION OF PUMP (RIGHT)

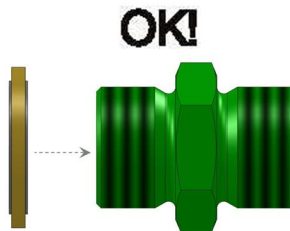⚠️ **ALWAYS CHECK SUCTION SIZE WITH PTO RPM - PUMP OUTPUT** ⚠️

⚠️ PAY ATTENTION TO RESPECT IN/OUT OF PUMP IN RELATION WITH THE DIRECTION OF ROTATION OF THE PTO (SEE FIG.3-4).

⚠️ **ALWAYS USE FITTINGS WITH CYLINDRIC THREAD (SEE FIG.6-7-8)** ⚠️

Fig.6
MOUNTING OF FITTINGS

OK!

Fig.7
CYLINDRIC THREAD

NO!

Fig.8
CONICAL THREAD

3. MAINTENANCE

- To prevent splines from wear please grease pump shafts and / or couplings.
- Grease the splined shaft before installation. Do not tap the gear wheel into position. Lock the gear wheel with the circlip provided with the PTO, bolt pump and PTO together.

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