

"SPLITTER BOX"

R1.26

Y-axis: C_{OUT} (Nm) [150, 300, 450, 600, 750]

X-axis: n_{OUT} (rpm) [500, 1000, 1500, 2000, 2500]

Labels: **uscita outlet**, **ingresso Inlett**

Y-axis: C_{IN} (Nm) [900, 750, 600, 450, 300]

X-axis: n_{IN} (rpm) [397, 794, 1190, 1587, 1984]

R1.59

Y-axis: C_{OUT} (Nm) [150, 300, 450, 600, 750]

X-axis: n_{OUT} (rpm) [500, 1000, 1500, 2000, 2500]

Labels: **uscita outlet**, **ingresso Inlett**

Y-axis: C_{IN} (Nm) [1050, 900, 750, 600, 450]

X-axis: n_{IN} (rpm) [314, 629, 943, 1258, 1572]

Uscita contemporanea Outputs simultaneously

Y-axis: C_{OUT1} (Nm) [150, 300, 450, 600, 750]

X-axis: C_{OUT2} (Nm) [150, 300, 450, 600, 750]

Text: **Grafico riferito a 1000rpm in uscita.**
Curve related to 1000rpm output speed

The graph indicating the allowed torque according to the RPM refers to the Splitterbox only. It is necessary to check the torque limit of the gearbox and PTO before fitting the Splitterbox.

Technical drawing of the front view of a pump assembly. The drawing shows a central vertical shaft with a flange at the top and a mounting bracket at the bottom. The flange has a diameter of 70 mm. The mounting bracket has a width of 130 mm. The shaft has a diameter of 22.5 mm. The mounting bracket has four M14 mounting holes. The drawing is labeled with dimensions and part numbers.

Dimensions and labels:

- 70 (Flange diameter)
- 22.5 (Shaft diameter)
- 130 (Mounting bracket width)
- 4xM14 (Mounting holes)
- 0/shaft (Shaft part number)
- 2x36 (Mounting bracket part number)
- 014 (Mounting bracket part number)



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QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001:2015 =**

L'accoppiatore può essere montato sia in posizione orizzontale che verticale sfruttando i 4 fori filettati M14 (70x175) o i 4 fori filettati M12 (100x100). Il montaggio orizzontale è da preferire in quanto meglio lubrificati i componenti interni.

Il tappo sfiato deve essere sempre montato verso l'alto. I due alberi di uscita (femmina 32x36) sono entrambi supportati da cuscinetti o rulli conici quindi è possibile montare 2 pompe ISO con qualsiasi orientamento.

È possibile montare anche flange standard (famiglia 114) per giunti cardanici.

Aggiungere olio da cambio (tipo TUTELA CAR EPYX o simile) in quantità pari a circa 1÷1,2 litri.

Attenzione: verificare che la temperatura di funzionamento non superi gli 80°C.

In caso di prelievo di potenza superiore a 60 kW o impieghi continuativi (superiori a 30 minuti) contattare il nostro servizio tecnico-commerciale per predisporre opportuni sistemi di raffreddamento.

Manutenzione:

- dopo le prime 100 ore di funzionamento sostituire completamente l'olio.
- ogni 500 ore di funzionamento verificare il livello di olio ed eventualmente rabboccare.
- ogni 2000 ore di funzionamento eseguire manutenzione completa verificando i cuscinetti e sostituendo i paraolio.

This coupling can be mounted both on vertical and horizontal position thanks to the 4 threaded bolts M14 (70x175) or the 4 threaded bolts M12 (100x100). Horizontal mounting side should be preferred as allows a better lubrication of the internal components.

Breather cap must be always mounted facing the top. The two output shafts (female 32x36) are both supported by tapered roller bearings, so 2 ISO pumps can be mounted together. It's also possible to mount a standard flange (114 family) for cardan shafts.

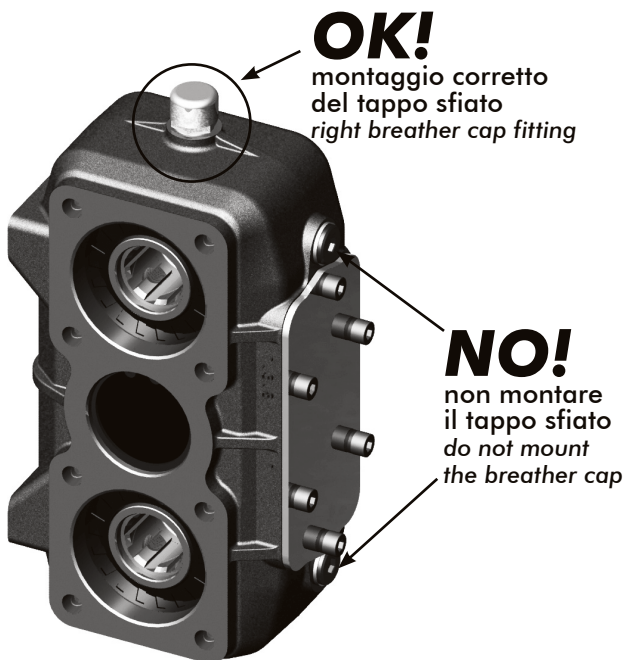
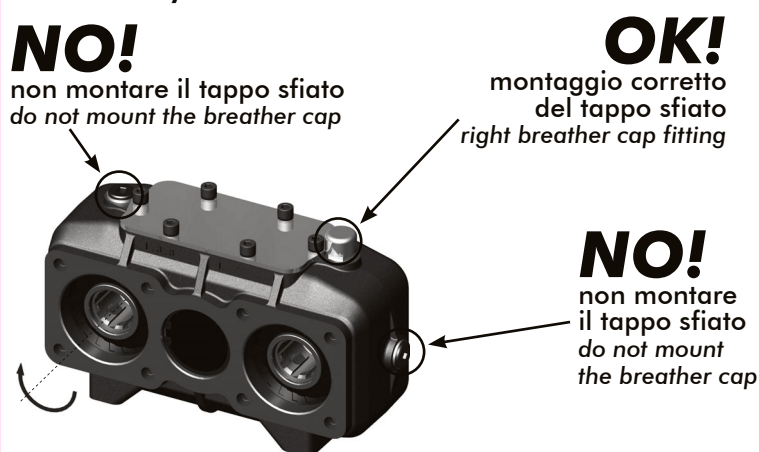
Add a quantity of 1÷1,2lt of gearbox oil (type TUTELA CAR EPYX or similar).

WARNING: Verify that the working temperature not overcomes the 80°C

In case of a Power requirement superior to 60kw or long workloads (greater than 30 min.) please contact our technical-sales department to set up the right cooling systems.

Maintenance:

- After the first 100 hours working time, please completely replace the oil
- Every 500 hours working time, please verify oil level and eventually fill it up.
- Every 2000 hours working time, please make a complete check up, verifying the bearings and replacing the oil seals.

MONTAGGIO VERTICALE
Mounting vertical**MONTAGGIO ORIZZONTALE**
Mounting orizzontal**ANTIORARIO / COUNTER-CLOCKWISE****ORARIO / CLOCKWISE**

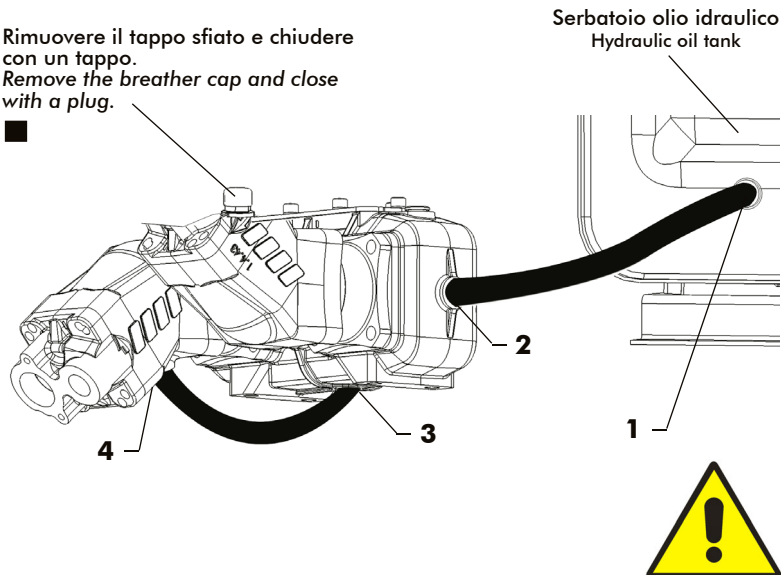
LUBRIFICAZIONE SUPPLEMENTARE PER IMPIEGHI CONTINUI E/O GRAVOSI ADDITIONAL LUBRICATION FOR CONTINUOUS AND HEAVY DUTY APPLICATIONS

18/03/2021

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MONTAGGIO ORIZZONTALE (consigliato) - HORIZONTAL MOUNTING (recommended)

Rimuovere il tappo sfiato e chiudere con un tappo.
Remove the breather cap and close with a plug.



Collegare l'uscita del serbatoio 1 all'ingresso 2 dello Splitterbox.
Collegare l'uscita 3 dello Splitterbox all'ingresso 4 della pompa.

Assicurarsi che il livello del foro 2 risulti sempre più **BASSO** rispetto al livello **MINIMO** dell'olio nel serbatoio.

■ Rimuovere il tappo sfiato e chiudere con un tappo.

Connect the oil tank outlet 1 to the Splitterbox inlet port 2.

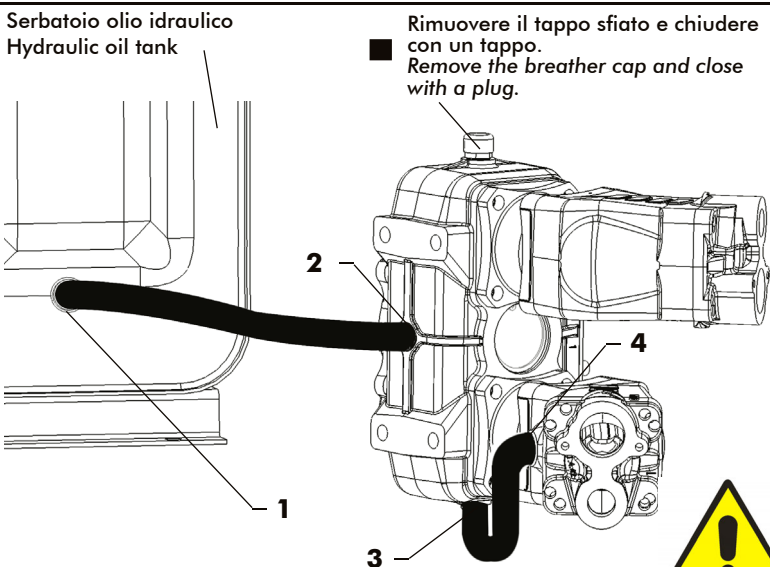
Connect the Splitterbox output 3 to the input 4 of the pump.

Make sure the oil level of inlet port 2 is always **LOWER** than **MINIMUM** oil level in the hydraulic tank.

■ Remove the breather cap and close with a plug.

MONTAGGIO VERTICALE - VERTICAL MOUNTING

Serbatoio olio idraulico
Hydraulic oil tank



Rimuovere il tappo sfiato e chiudere con un tappo.
Remove the breather cap and close with a plug.

Collegare l'uscita del serbatoio 1 all'ingresso 2 dello Splitterbox.

Collegare l'uscita 3 dello Splitterbox all'ingresso 4 della pompa.

Assicurarsi che il livello del foro 2 risulti sempre più **BASSO** rispetto al livello **MINIMO** dell'olio nel serbatoio.

■ Rimuovere il tappo sfiato e chiudere con un tappo.

Connect the oil tank outlet 1 to the Splitterbox inlet port 2.

Connect the Splitterbox output 3 to the input 4 of the pump.

Make sure the oil level of inlet port 2 is always **LOWER** than **MINIMUM** oil level in the hydraulic tank.

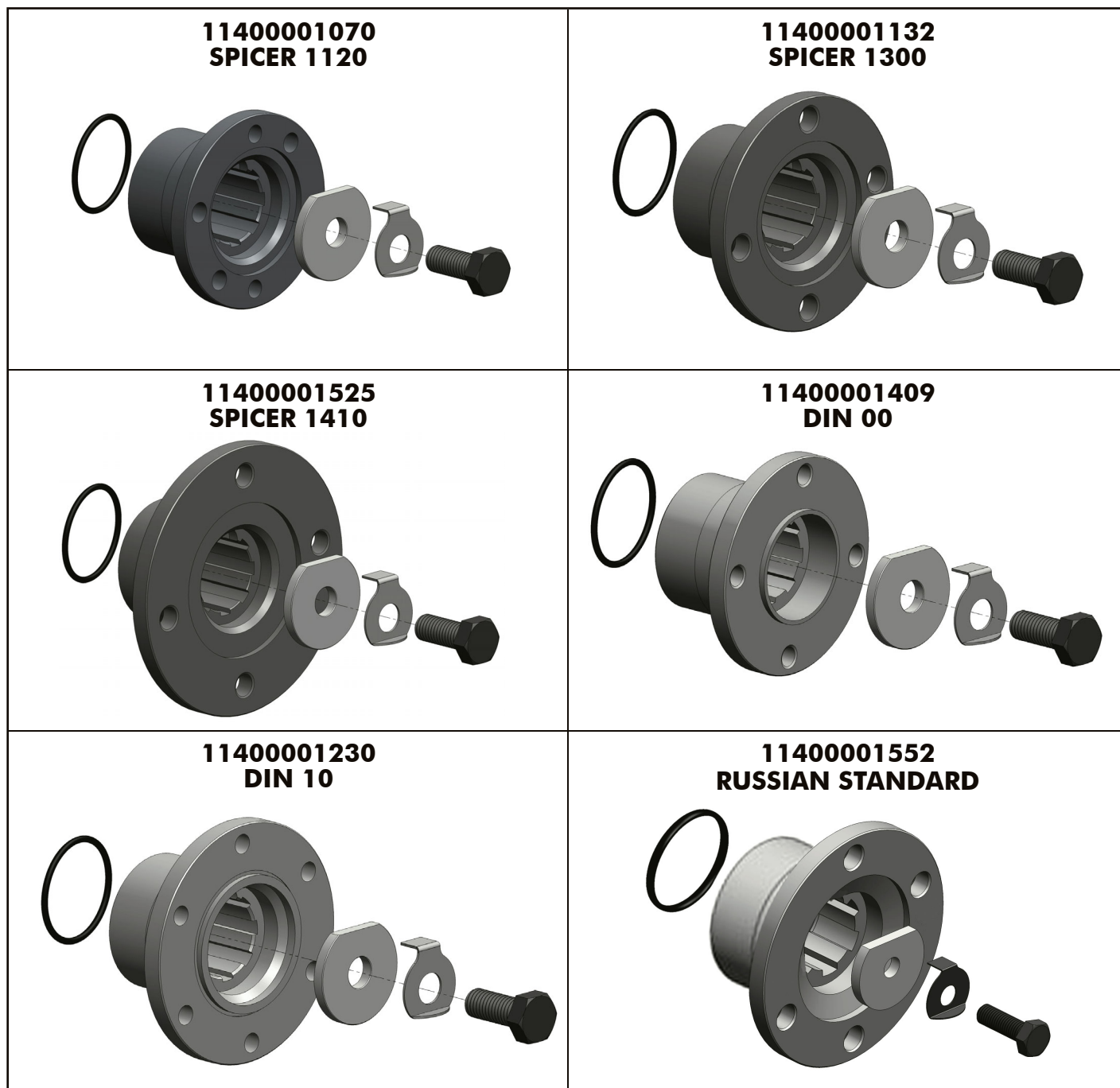
■ Remove the breather cap and close with a plug.

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99710301020 Rev: AI

Flange di trasmissione compatibili per albero d'ingresso (da ordinare separatamente). Altri tipi di flange non sono compatibili.

*Compatible transmission flanges for input shaft (to be ordered separately).
Different types aren't compatible.*



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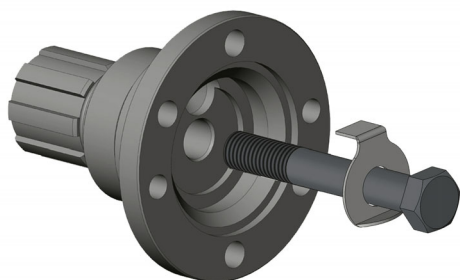
Flange di trasmissione compatibili per uscita ISO (da ordinare separatamente).
Altri tipi di flange non sono compatibili.

Compatible transmission flanges for ISO output (to be ordered separately).
Different types aren't compatible.

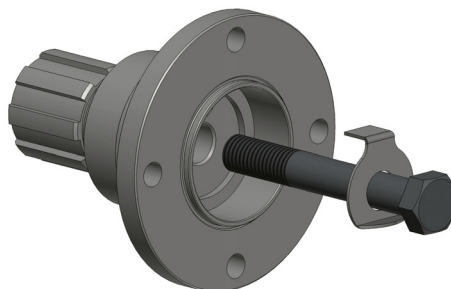
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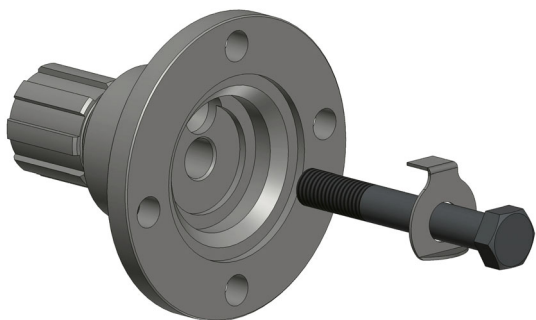
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SPICER 1120**



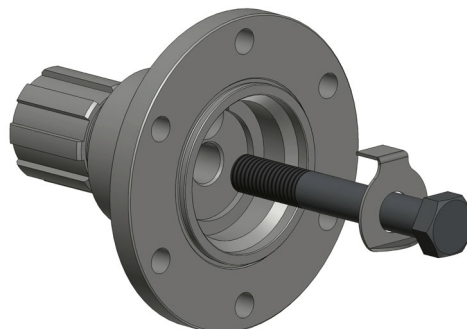
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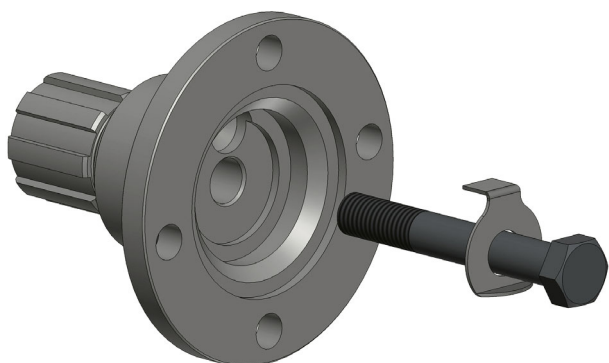
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SPICER 1300**



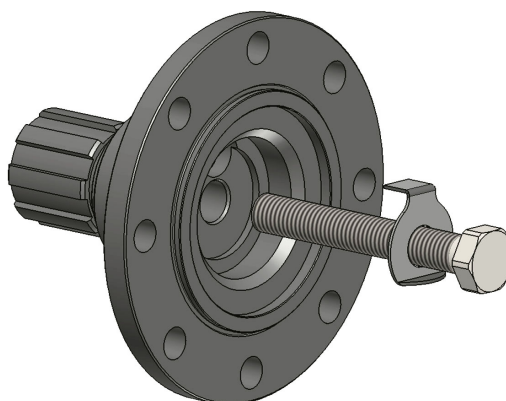
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DIN 10**



**11400001516
SPICER 1410**



**11400001310
DIN 120**



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