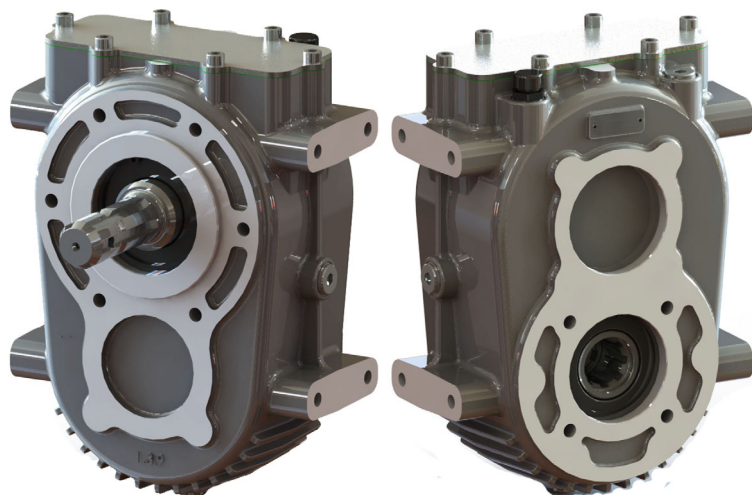


# MULTI-BOX



Il MULTI-BOX è un moltiplicatore compatto ad alta coppia sviluppato per impiego in ambito agricolo ma molto versatile anche per applicazioni su veicoli industriali. Il corpo monoblocco in alluminio, concepito per permettere il montaggio in qualunque posizione, conferisce un'elevata resistenza meccanica ed al tempo stesso permette un buon smaltimento del calore. L'elevata potenza trasmissibile, unitamente alle innumerevoli combinazioni possibili di ingresso, uscita e rapporto interno, permettono di realizzare le più svariate applicazioni con estrema semplicità.

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## MULTI-BOX

|                                                                                                                                                                              |         |
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HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components

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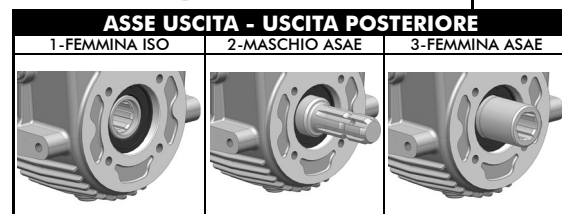
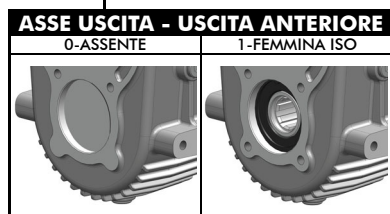
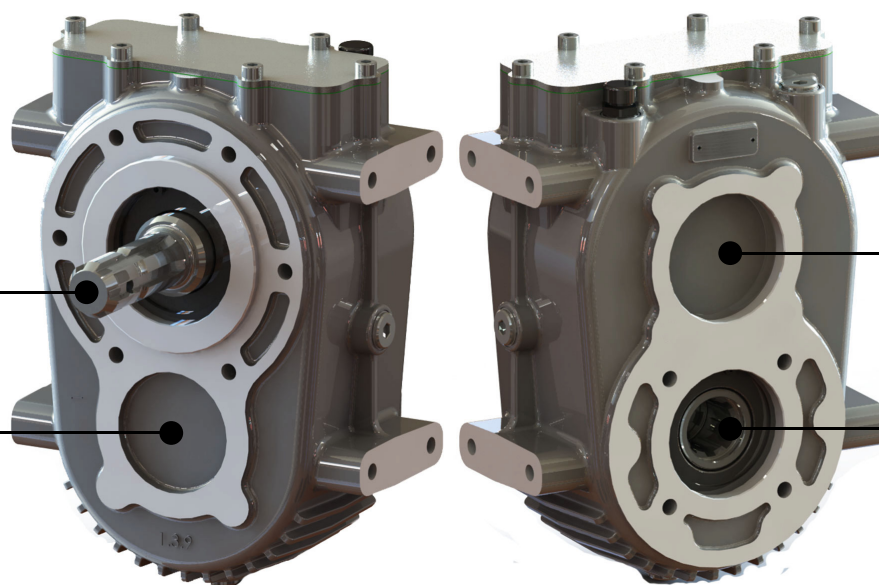
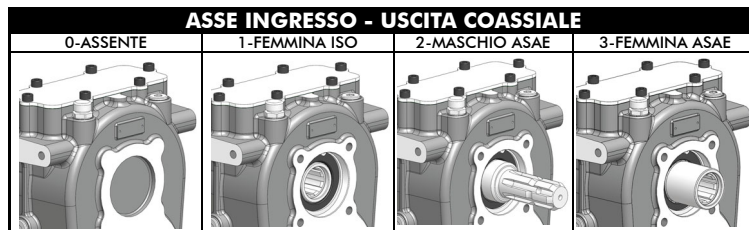
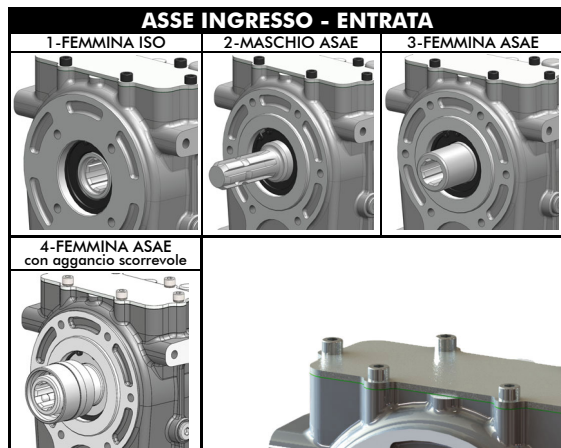
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# MULTI-BOX

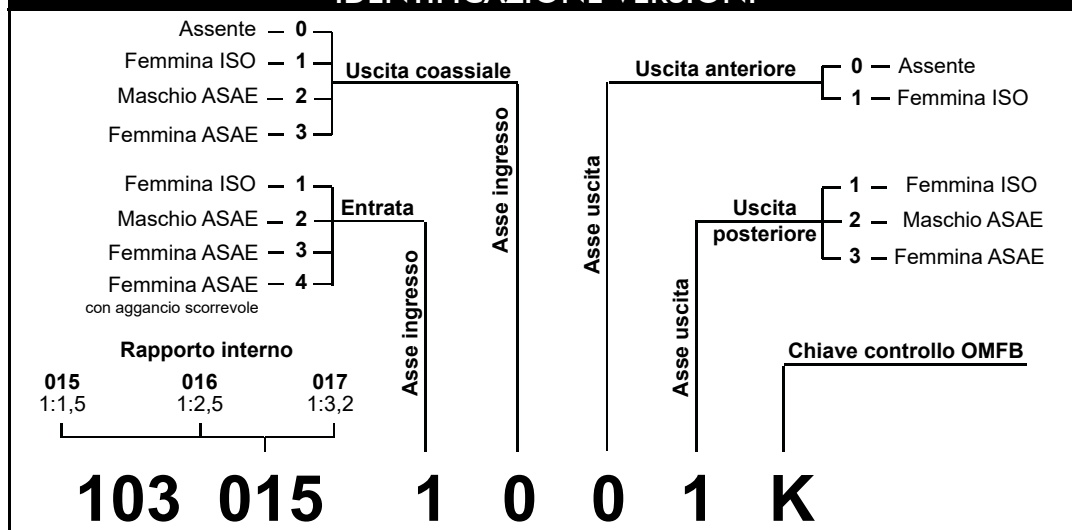
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12/09/2022

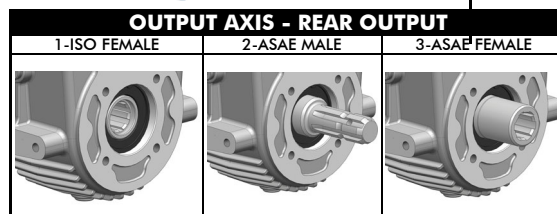
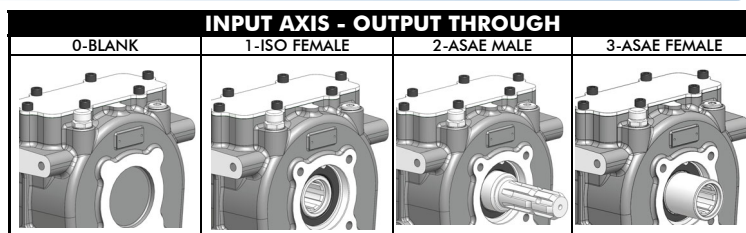
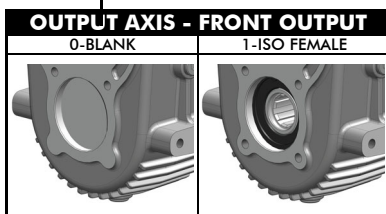
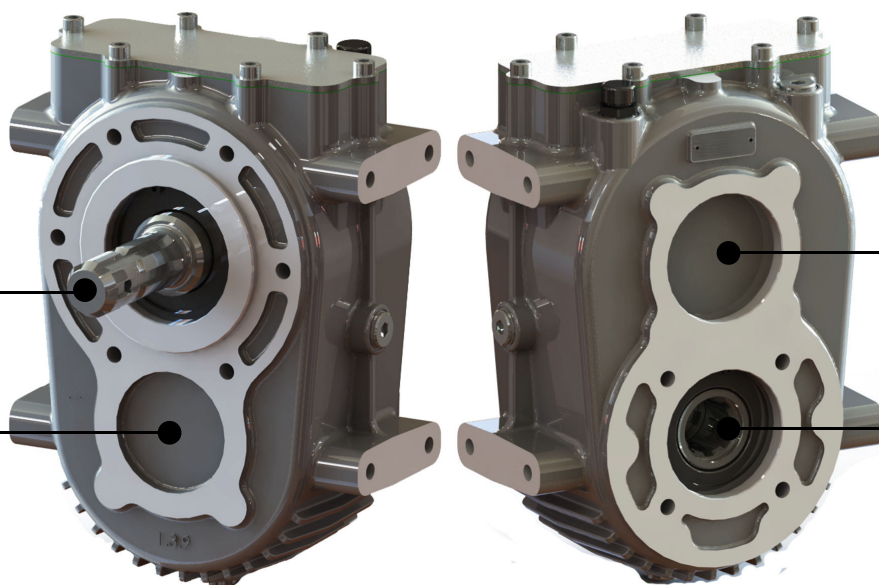
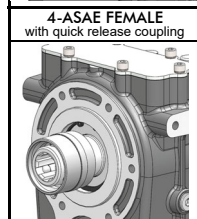
99740010315 Rev.: AL



## IDENTIFICAZIONE VERSIONI



## AVAILABLE VERSIONS



The diagram illustrates the internal components of the 103-015-1001 gearbox. It shows the input shaft with gears for ISO female (1), ASAE male (2), and ASAE female (3) configurations. The output shaft features a front output (0 - Blank, 1 - ISO female) and a rear output (1 - ISO female, 2 - ASAE male, 3 - ASAE female). The OMFB control key is also shown. The internal ratio is specified as 015 (1:1,5), 016 (1:2,5), and 017 (1:3,2). The final output ratios are 103, 015, 1, 0, 0, 1, and K.



# MULTI-BOX

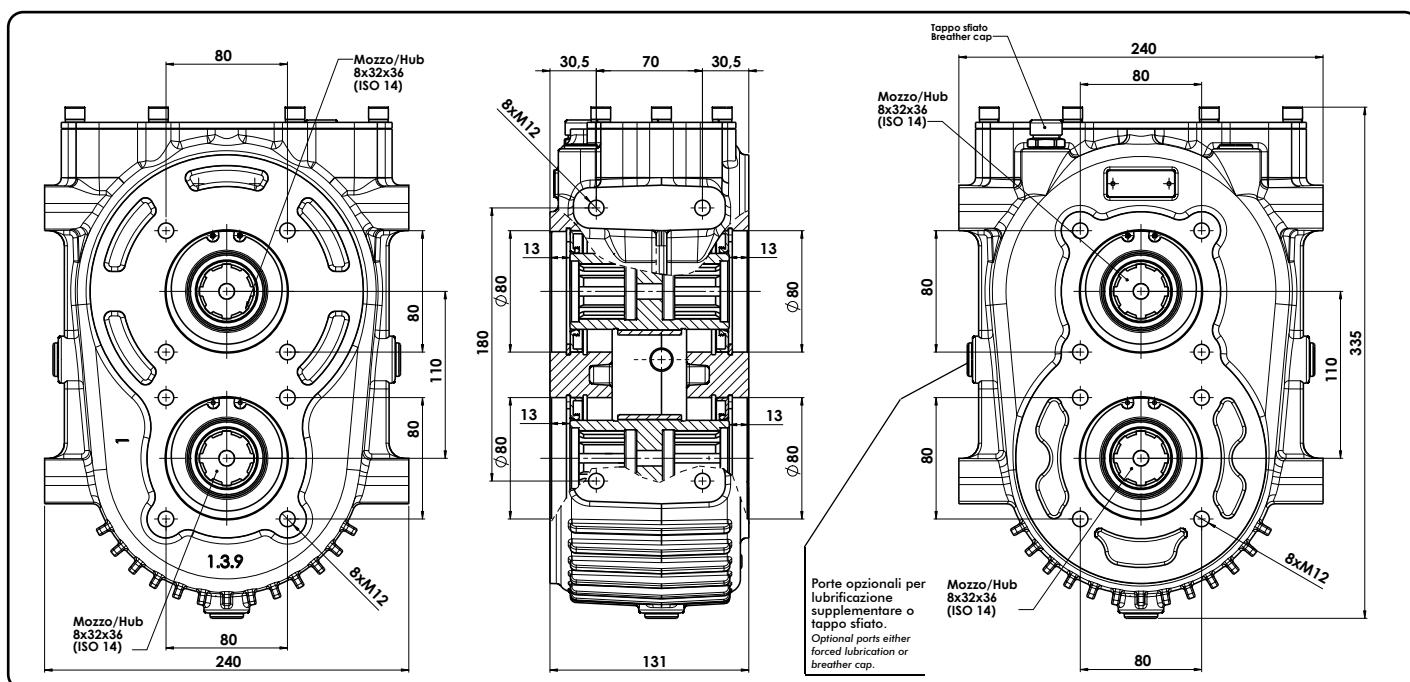
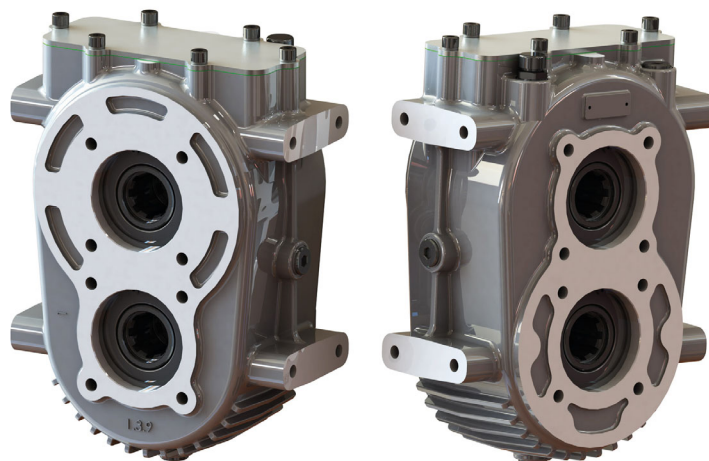
**CODICE  
CODE**

**10301511118**

**IN ISO-ISO  
OUT ISO-ISO**

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| Utilizzo<br>Use        | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed (OUT) | Velocità max.<br>Max. speed (IN) | Peso<br>Weight |
|------------------------|------------------------------------|---------------------------------------|-----------------------|-----------------------------------|----------------------------------|----------------|
| Passante<br>Thru-shaft | 1:1                                | 1000 Nm                               | 125 kW                | 1500 rpm                          | 1500 rpm                         | 18 Kg          |
| Moltiplica<br>Step-up  | 1:1,5                              | 540 Nm                                | 82 kW                 | 1800 rpm                          | 1200 rpm                         |                |
| Riduzione<br>Reduction | 1:0,67                             | 810 Nm                                |                       | 1200 rpm                          | 1800 rpm                         |                |

pag.5



HYDRAULIC COMPONENTS

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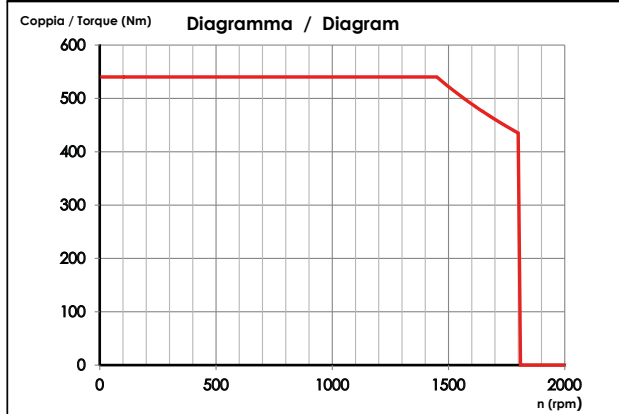
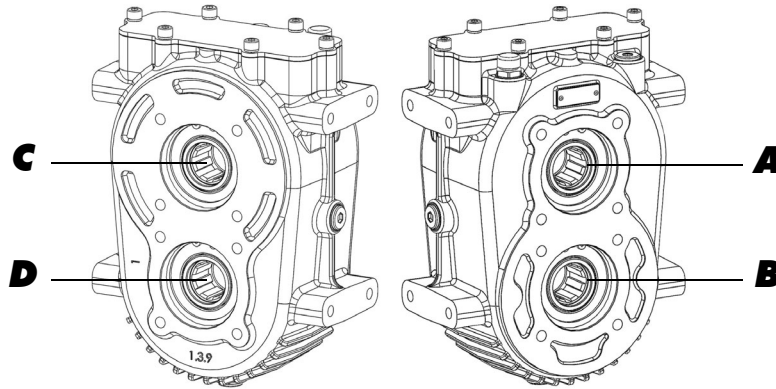
**COMPANY WITH  
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99740010315

23/03/2015

99710301503 Rev: //

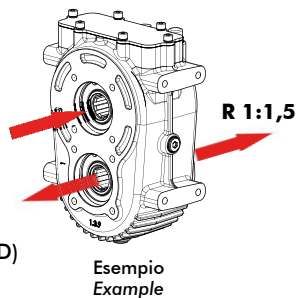


**UTILIZZO IN MOLTIPLICA**

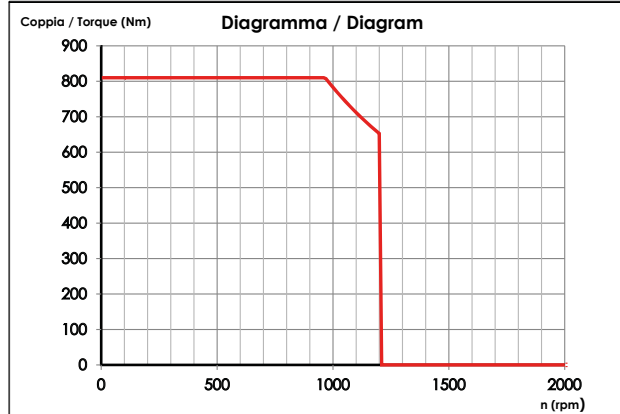
Ingresso A o C  
Uscita B o D (oppure somma di B e D)  
Rapporto 1:1,5  
Potenza massima trasmissibile 82 kW  
n max IN : 1200 rpm  
n max OUT: 1800 rpm  
C max OUT: 540 Nm

**USE as STEP-UP function**

Input A or C  
Output B or D (or combination of B and D)  
Ratio 1:1,5  
Max. power 82 kW  
n max IN : 1200 rpm  
n max OUT: 1800 rpm  
C max OUT: 540 Nm



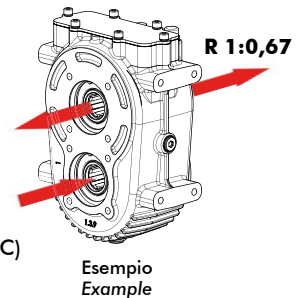
Esempio  
Example

**UTILIZZO IN RIDUZIONE**

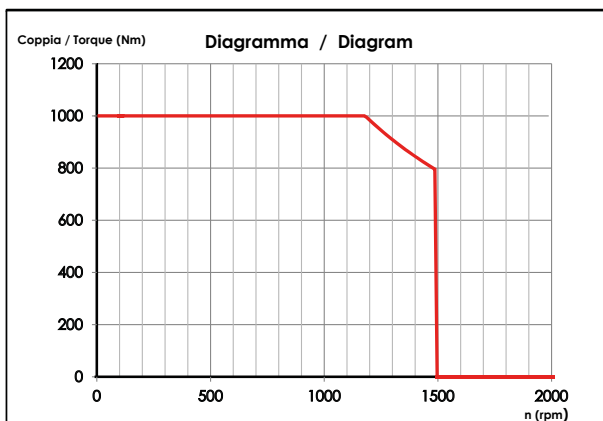
Ingresso B o D  
Uscita A o C (oppure somma di A e C)  
Rapporto 1:0,67  
Potenza massima trasmissibile 82 kW  
n max IN : 1800 rpm  
n max OUT: 1200 rpm  
C max OUT: 810 Nm

**USE as REDUCTION function**

Input B or D  
Output A or C (or combination of A and C)  
Ratio 1:0,67  
Max. power 82 kW  
n max IN : 1800 rpm  
n max OUT: 1200 rpm  
C max OUT: 810 Nm



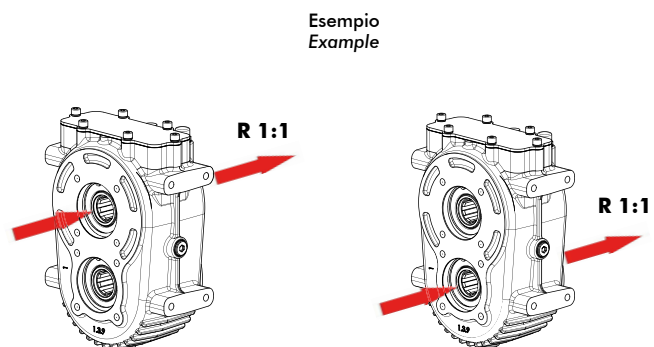
Esempio  
Example

**UTILIZZO PASSANTE**

Ingresso A - Uscita C (o viceversa)  
Ingresso B - Uscita D (o viceversa)  
Rapporto 1:1  
Utilizzo singolo asse  
Potenza massima trasmissibile 125 kW  
n max 1500 rpm  
C max 1000 Nm

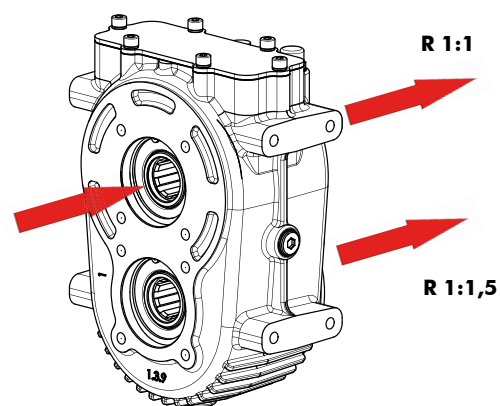
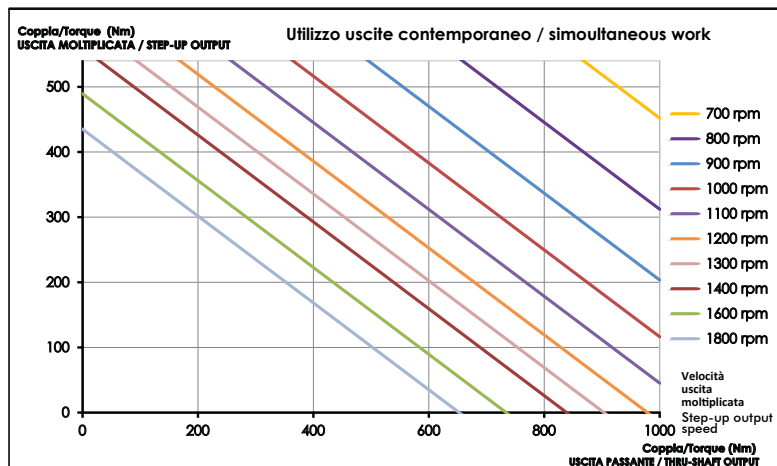
**Use as THRU-SHAFT function**

Input A - Output C (or vice versa)  
Input B - Output D (or vice versa)  
Ratio 1:1  
Use on single axel  
Max. power 125 kW  
n max 1500 rpm  
C max 1000 Nm



Esempio  
Example

R 1:1



### Utilizzo **CONTEMPORANEO**

Ingresso A o C

Uscita A o C e contemporaneamente B o D (o somma B+D)

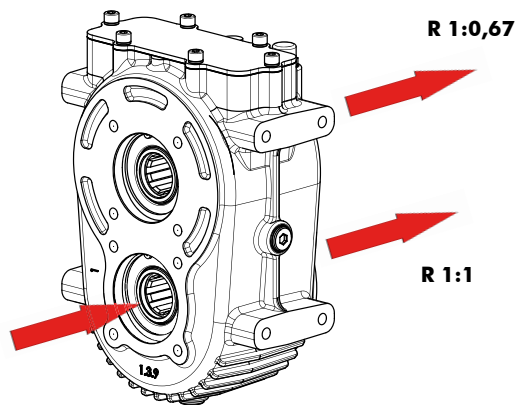
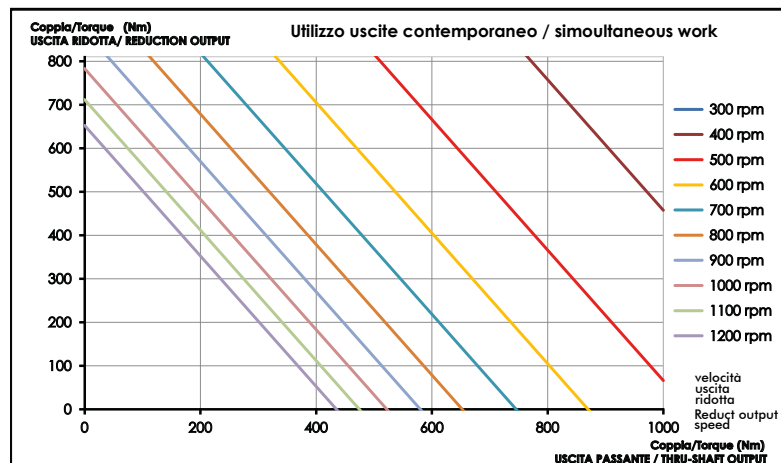
Potenza massima 82 kW

### **SIMULTANEOUS** use

Input A o C

Output A or C and simultaneously B o D (or combination of B+D)

Max. power 82 kW



### Utilizzo **CONTEMPORANEO**

Ingresso B o D

Uscita B o D e contemporaneamente A o C (o somma A+C)

Potenza massima 82 kW

### **SIMULTANEOUS** use

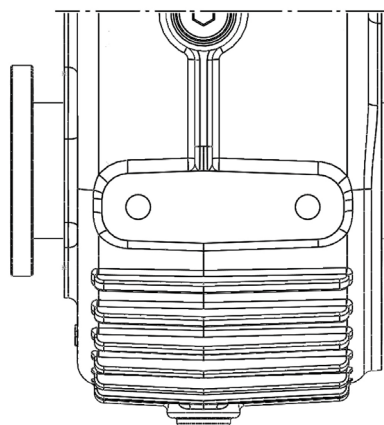
Input B o D

Output B or D and simultaneously A o C (or combination of A+C)

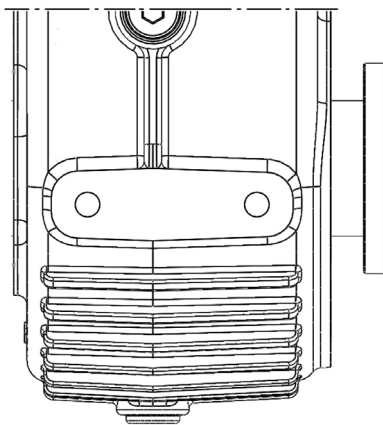
Max. power 82 kW



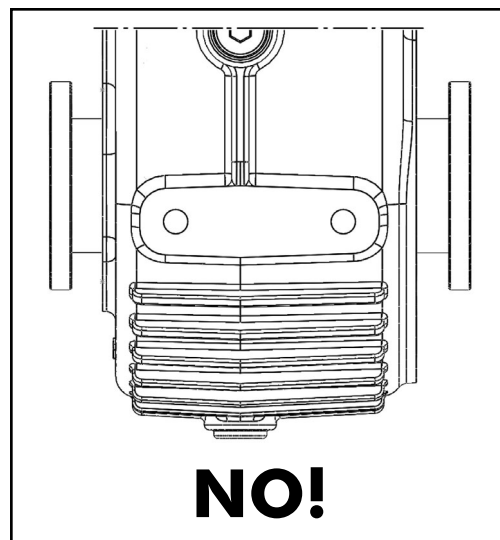
**IMPORTANTE: NON** è possibile montare sul moltiplicatore due flange per cardano contrapposte.  
**IMPORTANT: IT IS NOT POSSIBLE** to fit two drive flanges facing each other on the same shaft.



**YES**



**YES**



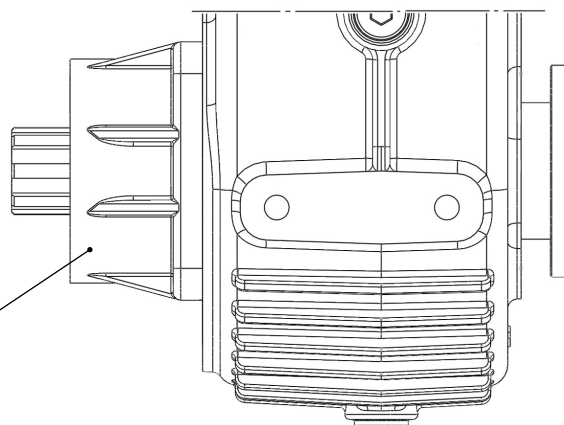
**NO!**

Per l'eventuale montaggio della 2<sup>a</sup> flangia, è possibile utilizzare l'adattatore ns. codice 09902800153, facendo attenzione a rimuovere il **paraolio del MULTIBOX** prima del montaggio.

*In case of mounting required of second flange it is possible to use our adaptor P/N 09902800153, paying attention to remove first the **oil seal of MULTIBOX**.*



**09902800153**



**YES**

Se si necessita di un disinnesto su una pompa, è possibile montare il ns. codice 09820235170 o il ns. codice 09800100174 (puntale optional), facendo attenzione a rimuovere il **paraolio del MULTIBOX** prima del montaggio.

*In case of need of independent engagement of the pump, you can order either the 09820235170 or 09800100174 (pressure switch is optional) paying attention to remove first the **oil seal of MULTIBOX**.*



**09820235170**



**09800100174**



# MULTI-BOX

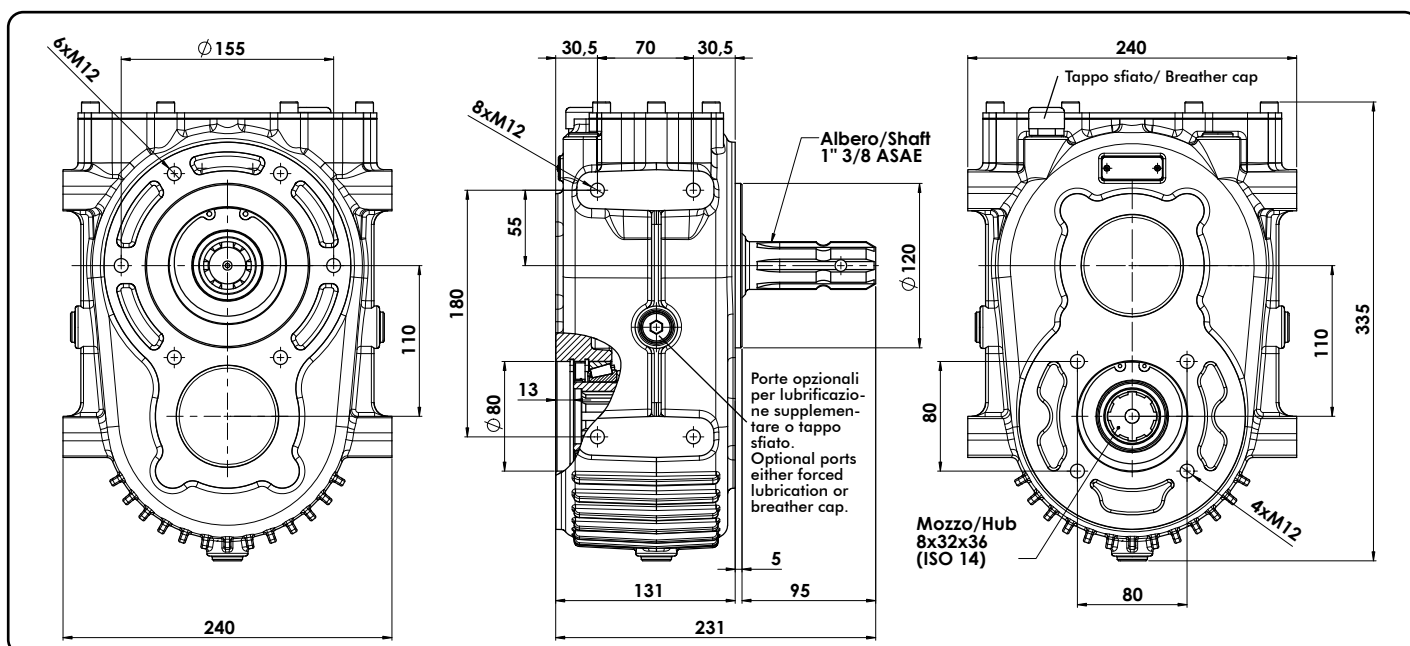
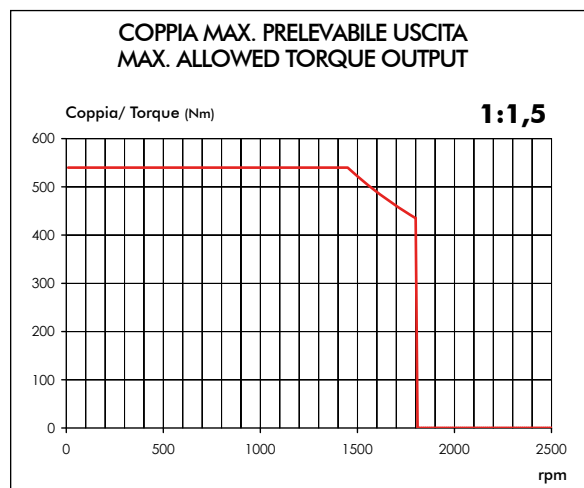
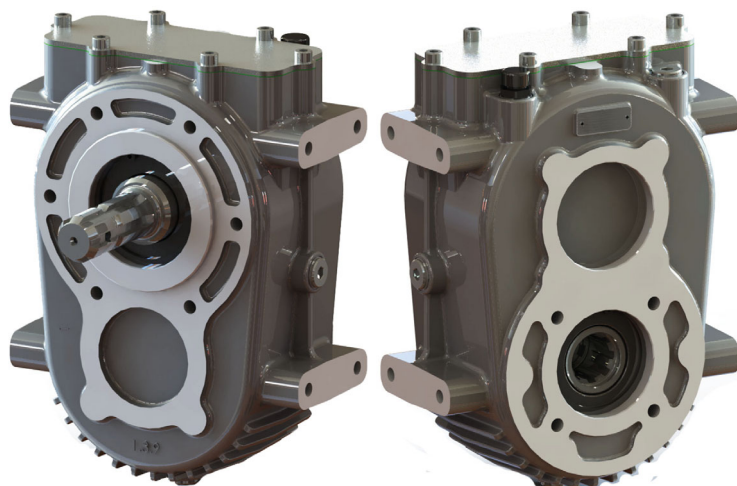
**CODICE  
CODE**

**10301520019**

**IN-MASCHIO ASAE / OUT-POSTERIORE ISO  
IN-ASAE MALE / ISO REAR OUTPUT**

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 1:1,5                              | 540 Nm                                | 82 kW                 | 1800 rpm                             | 1200 rpm                            | 18 Kg          |

pag.9



HYDRAULIC COMPONENTS

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27/02/2014

Rev: //

99710301501

# MULTI-BOX

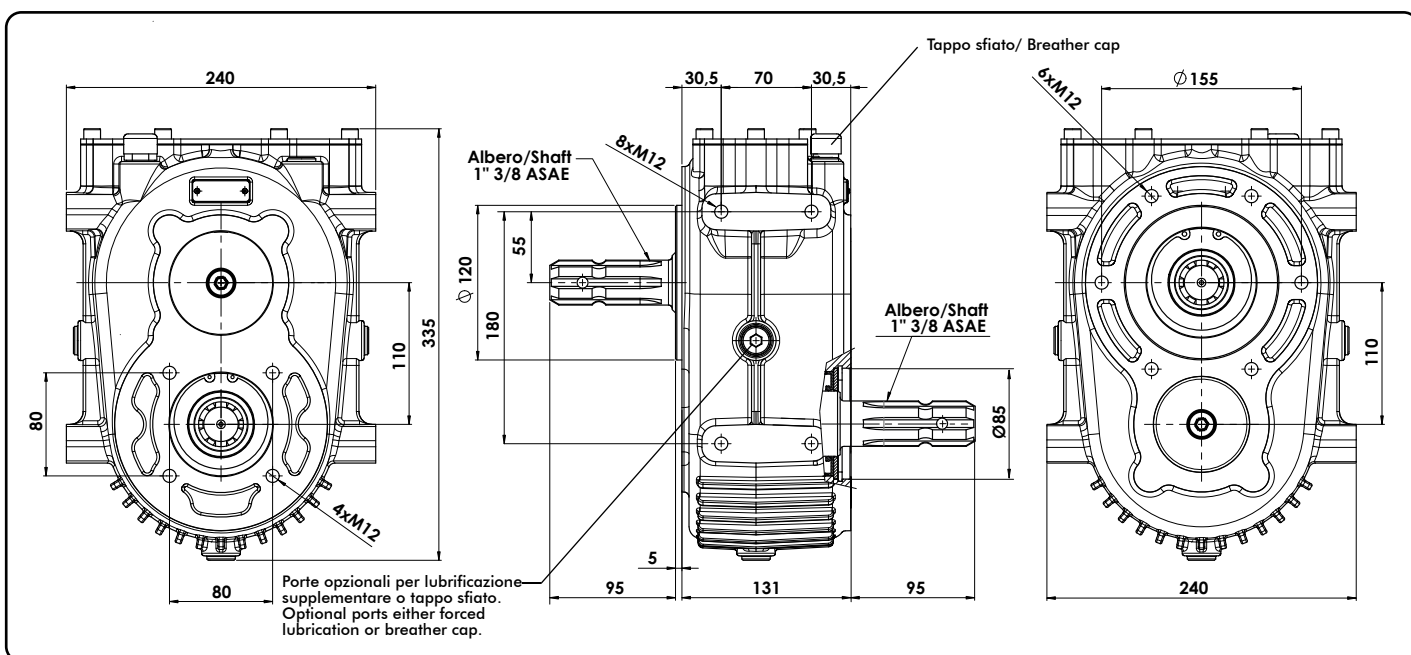
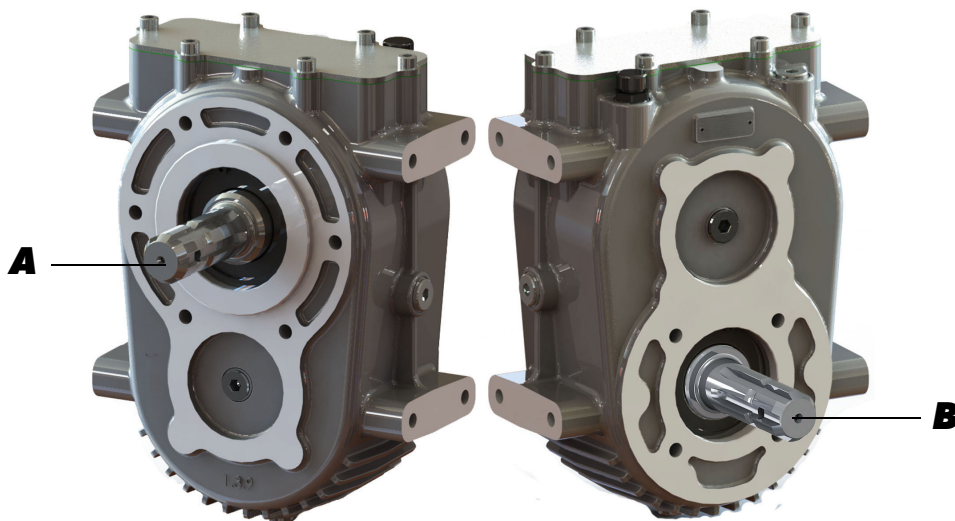
**CODICE  
CODE**

**10301520028**

**IN-MASCHIO ASAE / OUT-MASCHIO ASAE  
IN-ASAE MALE / OUT-ASAE MALE**

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|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 1:1,5                              | 540 Nm                                | 82 kW                 | 1800 rpm                             | 1200 rpm                            | 18 Kg          |

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HYDRAULIC COMPONENTS

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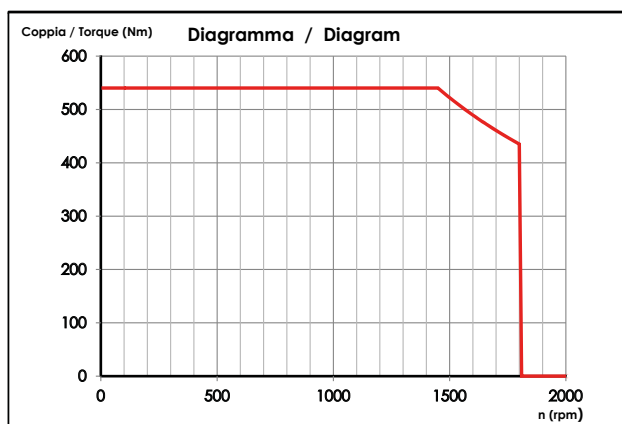
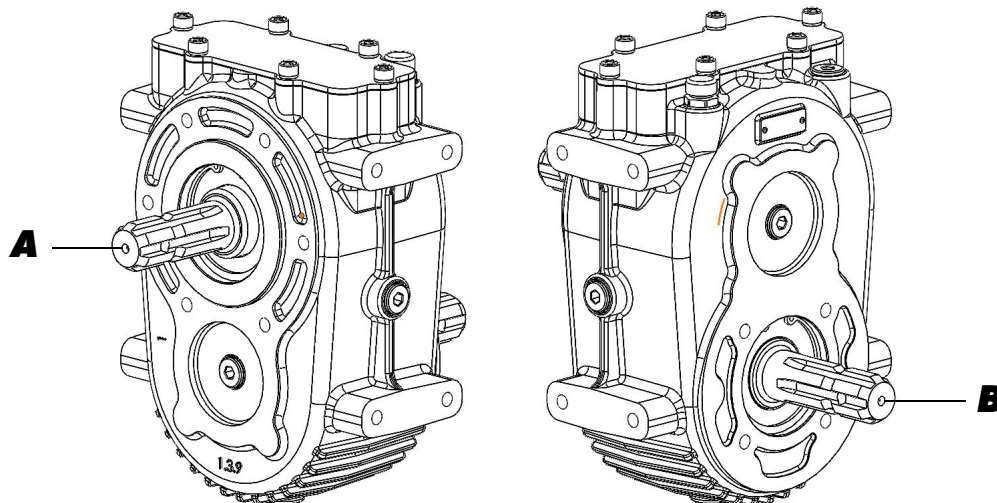
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99740010315

05/05/2021

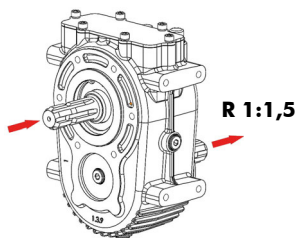
99710301507 Rev: //

**UTILIZZO IN MOLTIPLICA**

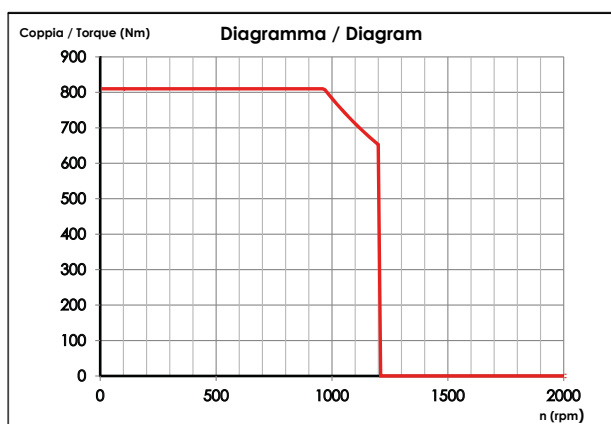
Ingresso A  
Uscita B  
Rapporto 1:1,5  
Potenza massima trasmissibile 82 kW  
n max IN : 1200 rpm  
n max OUT: 1800 rpm  
Coppia max. 540 Nm

**USE as STEP-UP function**

Input A  
Output B  
Ratio 1:1,5  
Max. power 82 kW  
n max IN : 1200 rpm  
n max OUT: 1800 rpm  
Max. torque: 540 Nm



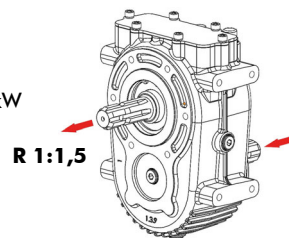
Esempio  
Example

**UTILIZZO IN RIDUZIONE**

Ingresso B  
Uscita A  
Rapporto 1:0,67  
Potenza massima trasmissibile 82 kW  
n max IN : 1800 rpm  
n max OUT: 1200 rpm  
Coppia max. 810 Nm

**USE as REDUCTION function**

Input B  
Output A  
Ratio 1:0,67  
Max. power 82 kW  
n max IN : 1800 rpm  
n max OUT: 1200 rpm  
Max. torque: 810 Nm



Esempio  
Example

# MULTI-BOX

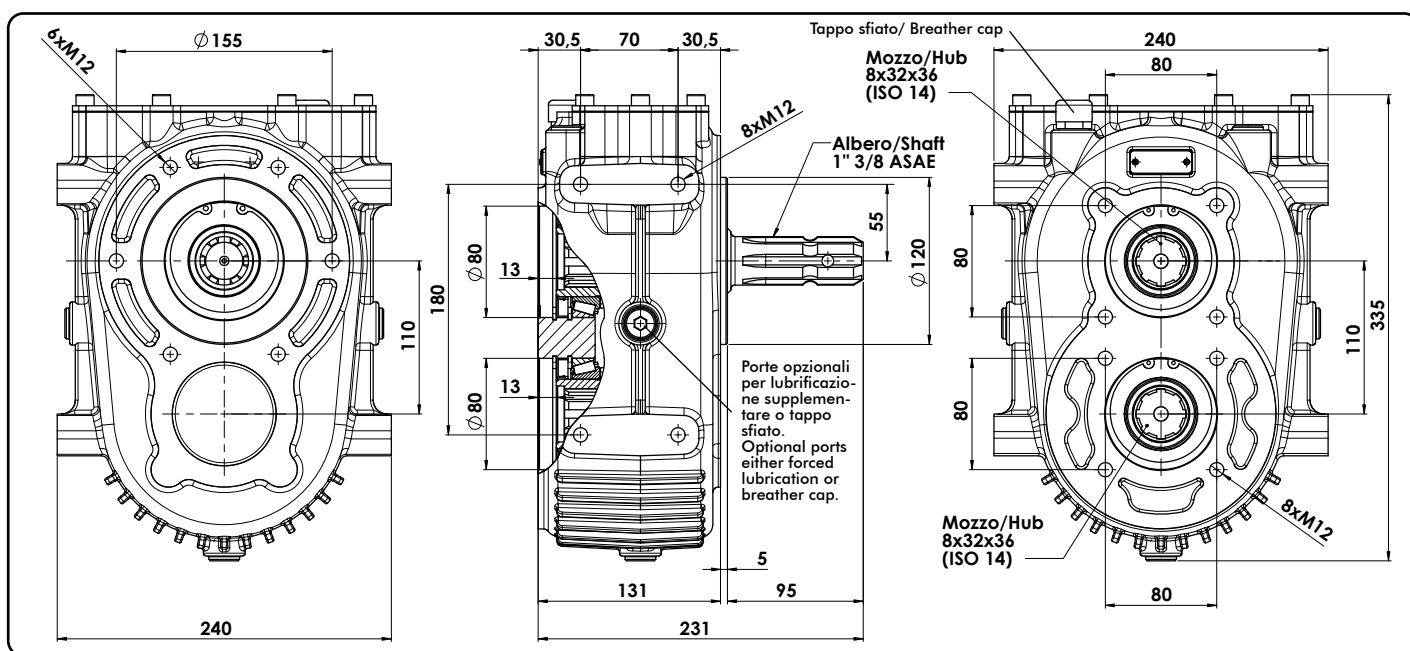
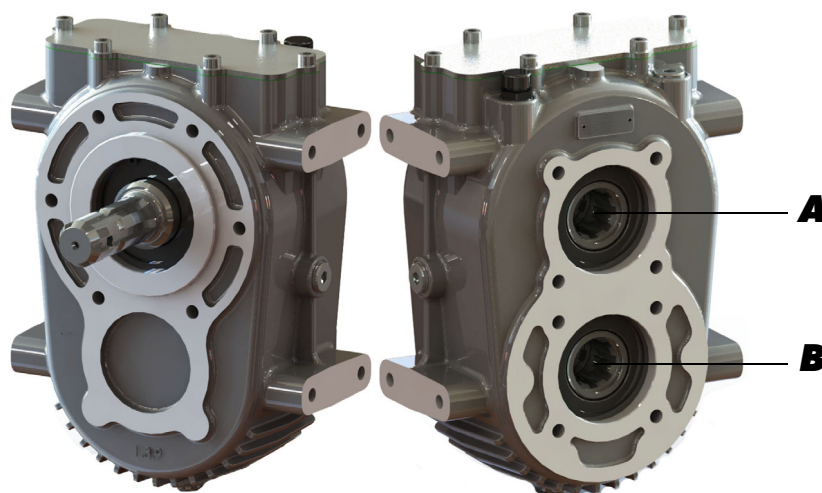
**CODICE  
CODE**

**10301521018**

**IN-MASCHIO ASAE / OUT-POSTERIORE ISO-ISO  
IN-ASAE MALE / ISO-ISO REAR OUTPUT**

Il MULTI-BOX è un moltiplicatore compatto ad alta coppia sviluppato per impiego in ambito agricolo ma molto versatile anche per applicazioni su veicoli industriali. Il corpo monoblocco in alluminio, concepito per permettere il montaggio in qualunque posizione, conferisce un'elevata resistenza meccanica ed al tempo stesso permette un buon smaltimento del calore. L'elevata potenza trasmissibile, unitamente alle innumerevoli combinazioni possibili di ingresso, uscita e rapporto interno, permettono di realizzare le più svariate applicazioni con estrema semplicità.

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

|          | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|----------|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| <b>A</b> | 1:1                                | 810 Nm                                | 82 kW                 | 1200 rpm                             | 1200 rpm                            | 18 Kg          |
| <b>B</b> | 1:1,5                              | 540 Nm                                |                       | 1800 rpm                             | 1200 rpm                            |                |

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HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components

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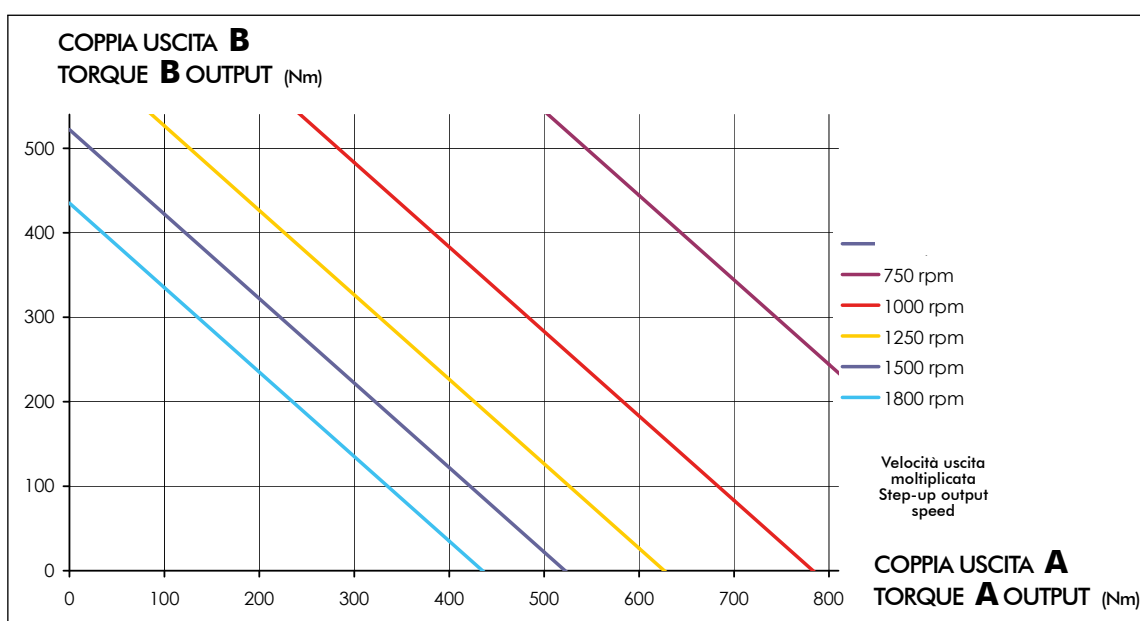
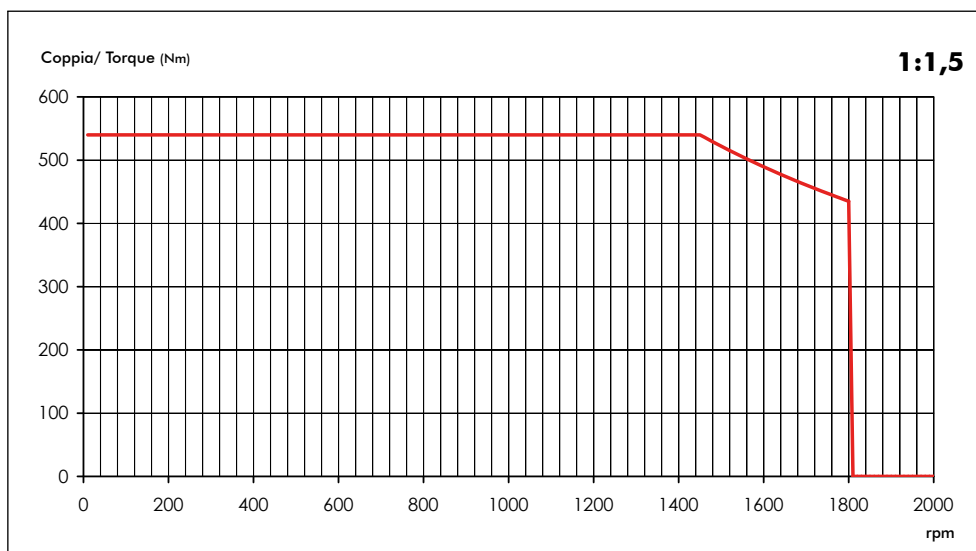
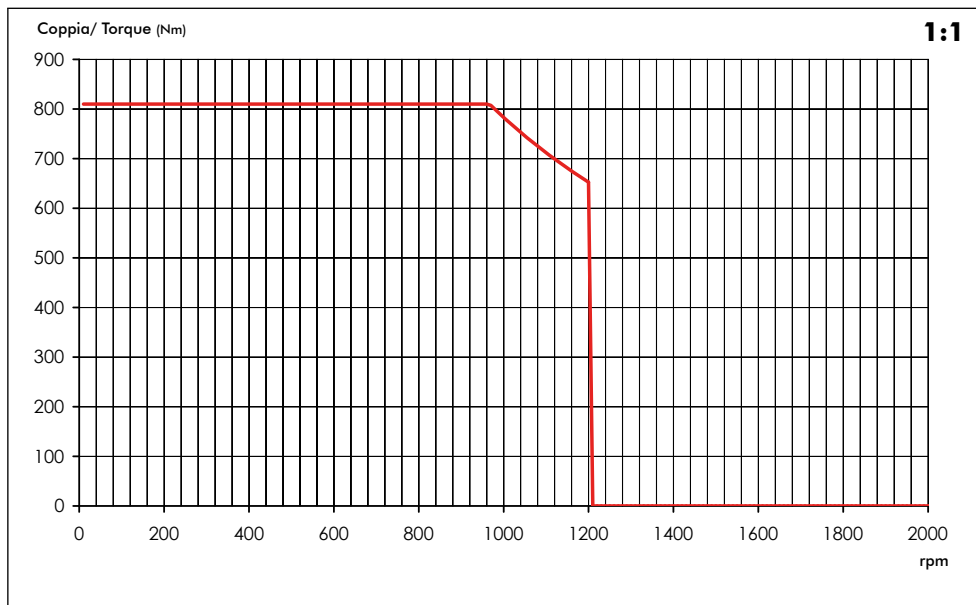
**COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001:2015 =**

99740010315

27/02/2014

99710301502 Rev: //



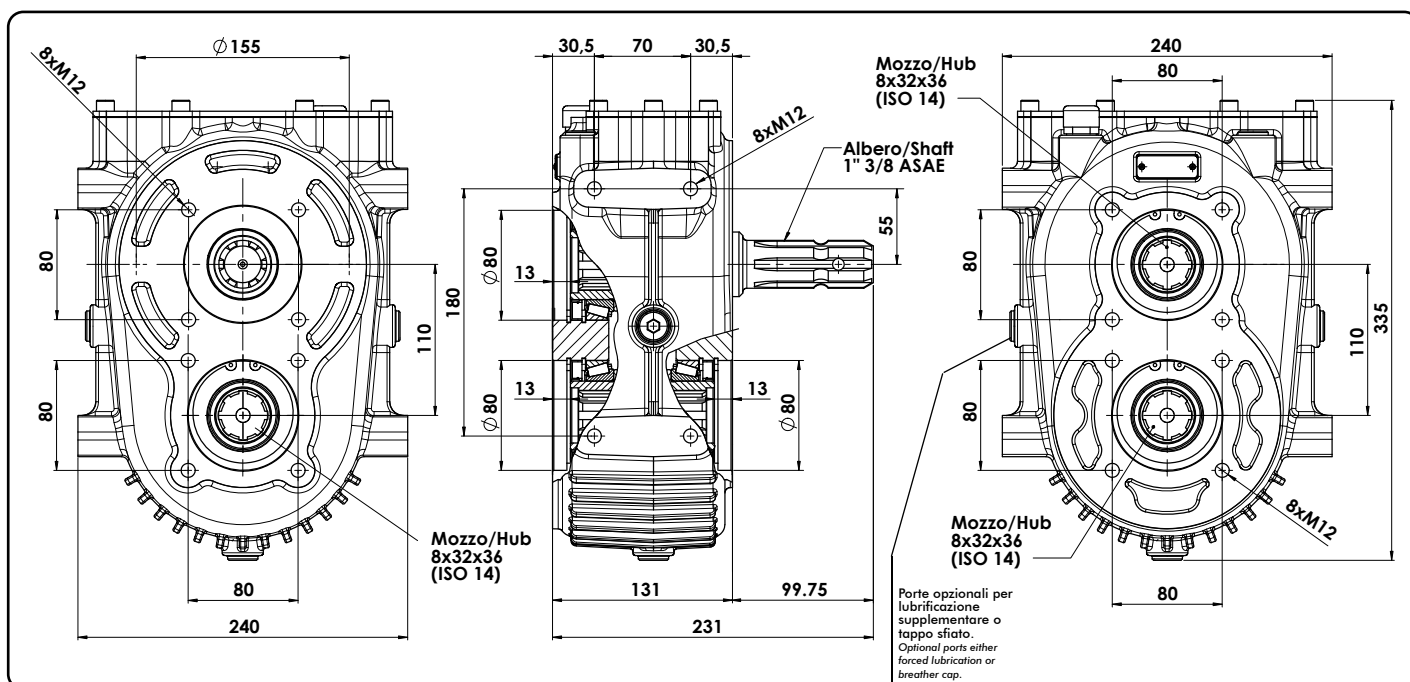
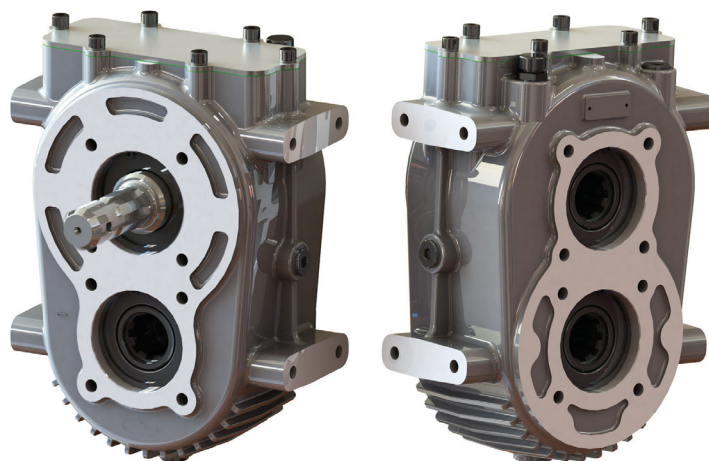


# MULTI-BOX

IN-MASCHIO ASAE / OUT-POSTERIORE ISO-ISO  
IN-ASAE MALE / ISO-ISO REAR OUTPUT

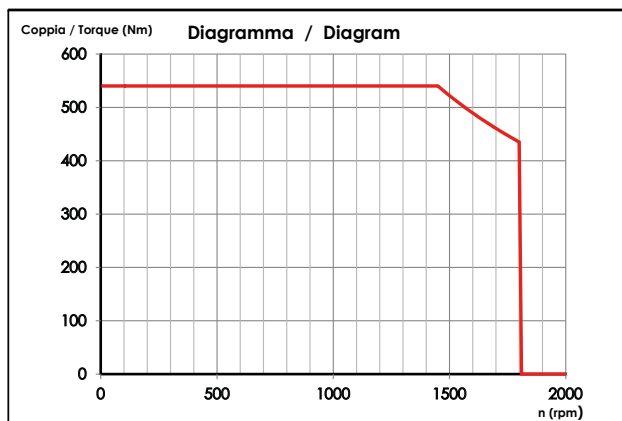
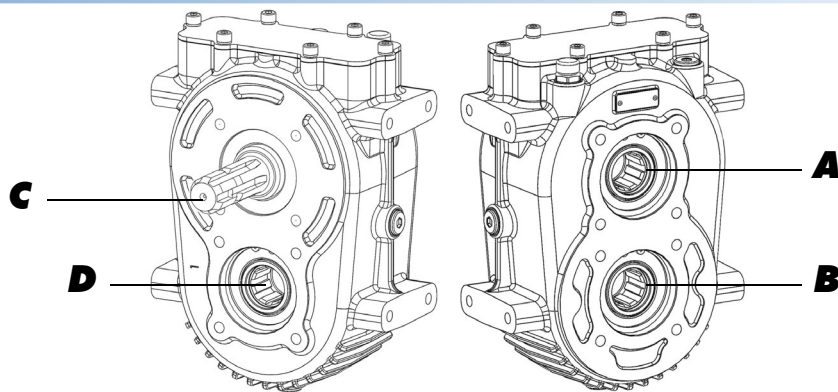
Il MULTI-BOX è un moltiplicatore compatto ad alta coppia sviluppato per impiego in ambito agricolo ma molto versatile anche per applicazioni su veicoli industriali. Il corpo monoblocco in alluminio, concepito per permettere il montaggio in qualunque posizione, conferisce un'elevata resistenza meccanica ed al tempo stesso permette un buon smaltimento del calore. L'elevata potenza trasmissibile, unitamente alle innumerevoli combinazioni possibili di ingresso, uscita e rapporto interno, permettono di realizzare le più svariate applicazioni con estrema semplicità.

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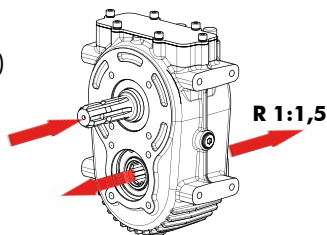


## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| Utilizzo<br>Use        | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|------------------------|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| Passante<br>Thru-shaft | 1:1                                | 1000 Nm                               | 125 kW                | 1500 rpm                             | 1500 rpm                            | 18 Kg          |
| Moltiplica<br>Step-up  | 1:1,5                              | 540 Nm                                | 82 kW                 | 1800 rpm                             | 1200 rpm                            |                |

**UTILIZZO IN MOLTIPLICA**

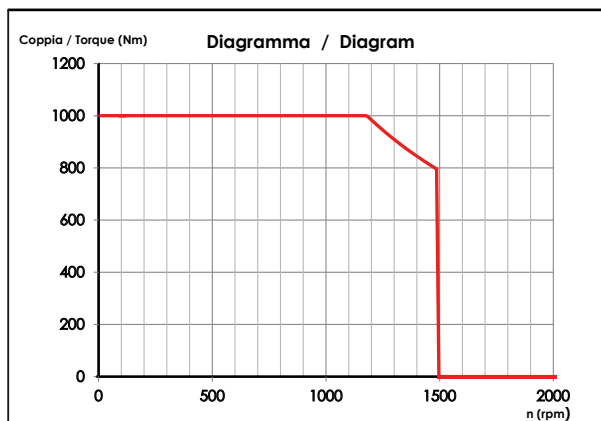
Ingresso C  
Uscita B o D (oppure somma di B e D)  
Rapporto 1:1,5  
Potenza massima trasmissibile 82 kW  
n max IN : 1200 rpm  
n max OUT: 1800 rpm  
C max OUT: 540 Nm



Esempio  
Example

**USE as STEP-UP function**

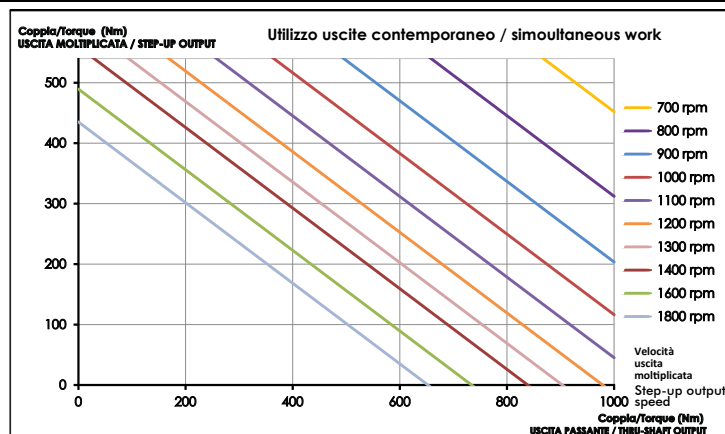
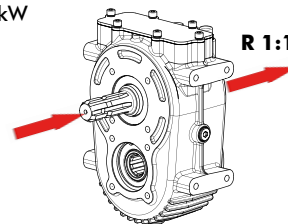
Input C  
Output B or D (or combination of B and D)  
Ratio 1:1,5  
Max. power 82 kW  
n max IN : 1200 rpm  
n max OUT: 1800 rpm  
C max OUT: 540 Nm

**UTILIZZO PASSANTE**

Ingresso C - Uscita A  
Rapporto 1:1  
Utilizzo singolo asse  
Potenza massima trasmissibile 125 kW  
n max 1500 rpm  
C max 1000 Nm

**Use as THRU-SHAFT function**

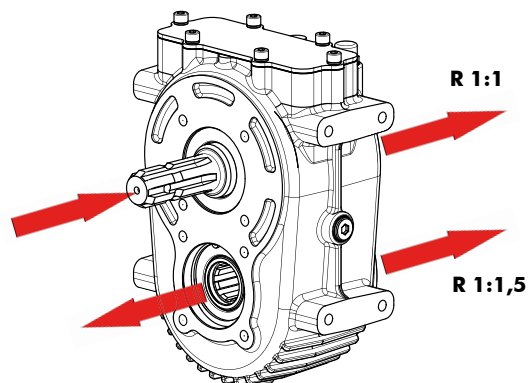
Input C - Output A  
Ratio 1:1  
Use on single axel  
Max. power 125 kW  
n max 1500 rpm  
C max 1000 Nm

**Utilizzo CONTEMPORANEO**

Ingresso C  
Uscita A e contemporaneamente B o D (o somma B+D)  
Potenza massima 82 kW

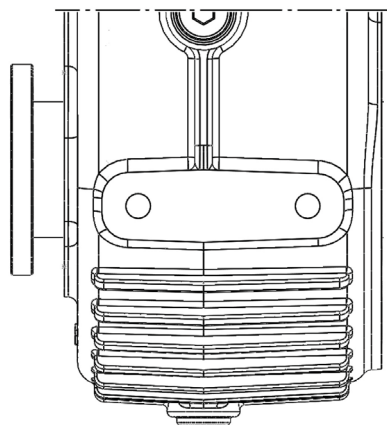
**SIMULTANEOUS use**

Input C  
Output A and simultaneously B o D (or combination of B+D)  
Max. power 82 kW

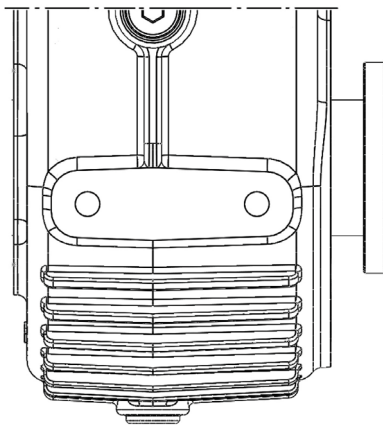




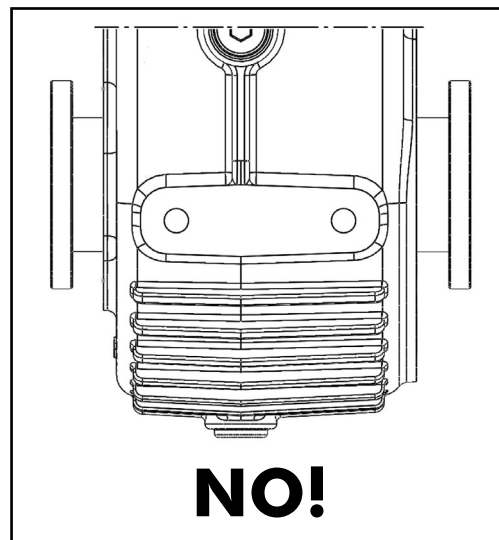
**IMPORTANTE: NON** è possibile montare sul moltiplicatore due flange per cardano contrapposte.  
**IMPORTANT: IT IS NOT POSSIBLE** to fit two drive flanges facing each other on the same shaft.



**YES**



**YES**



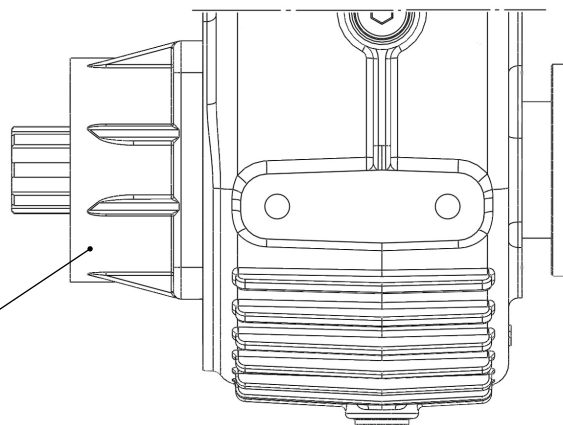
**NO!**

Per l'eventuale montaggio della 2<sup>a</sup> flangia, è possibile utilizzare l'adattatore ns. codice 09902800153, facendo attenzione a rimuovere il **paraolio del MULTIBOX** prima del montaggio.

In case of mounting required of second flange it is possible to use our adaptor P/N 09902800153, paying attention to remove first the **oil seal of MULTIBOX**.



**09902800153**



**YES**

Se si necessita di un disinnesto su una pompa, è possibile montare il ns. codice 09820235170 o il ns. codice 09800100174 (puntale optional), facendo attenzione a rimuovere il **paraolio del MULTIBOX** prima del montaggio.

In case of need of independent engagement of the pump, you can order either the 09820235170 or 09800100174 (pressure switch is optional) paying attention to remove first the **oil seal of MULTIBOX**.



**09820235170**



**09800100174**

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HYDRAULIC COMPONENTS

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# MULTI-BOX

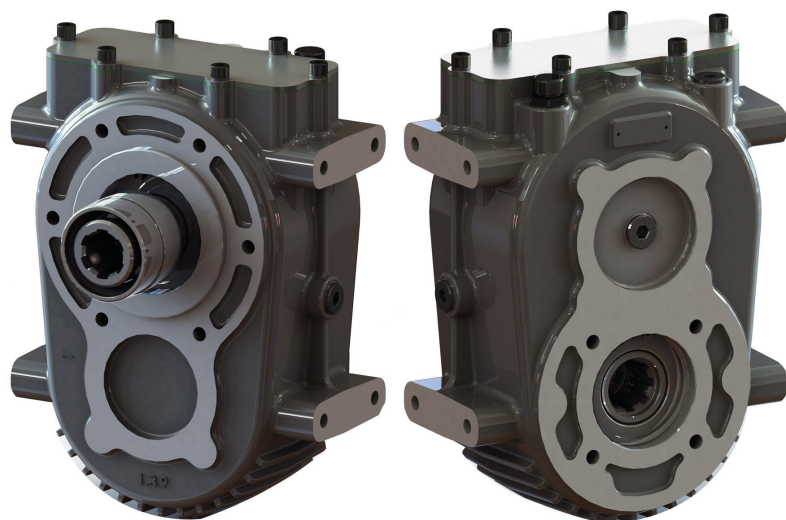
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CODE**

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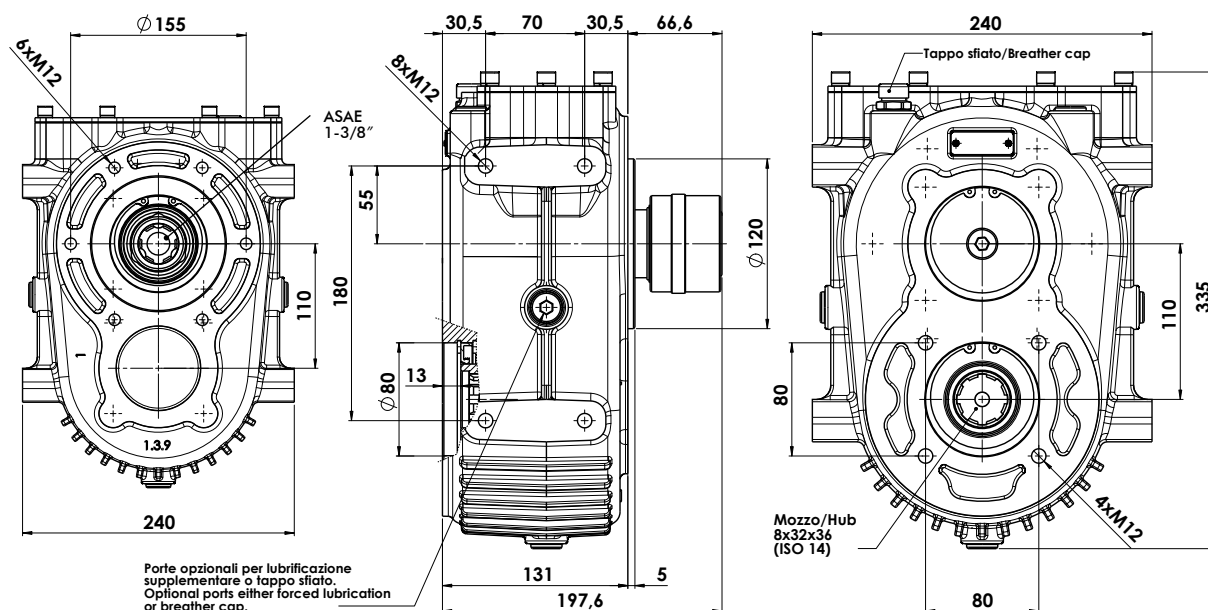
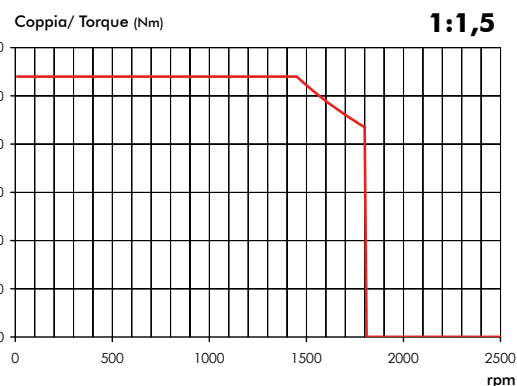
**IN FEMMINA ASAE** (con aggancio scorrevole)  
**OUT ISO** (with quick release coupling)

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**COPPIA MAX. PRELEVABILE USCITA  
MAX. ALLOWED TORQUE OUTPUT**



## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 1:1,5                              | 540 Nm                                | 82 kW                 | 1800 rpm                             | 1200 rpm                            | 18 Kg          |



HYDRAULIC COMPONENTS

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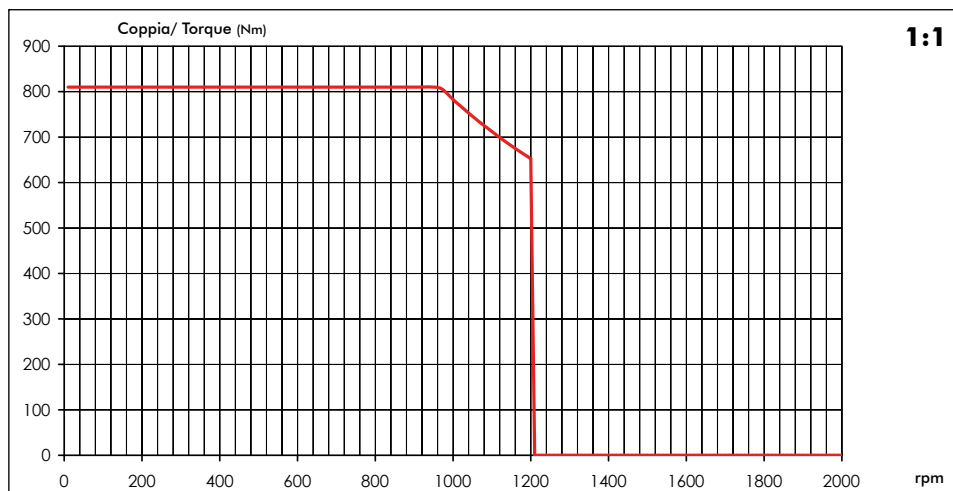
**COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001:2015 =**

99740010315

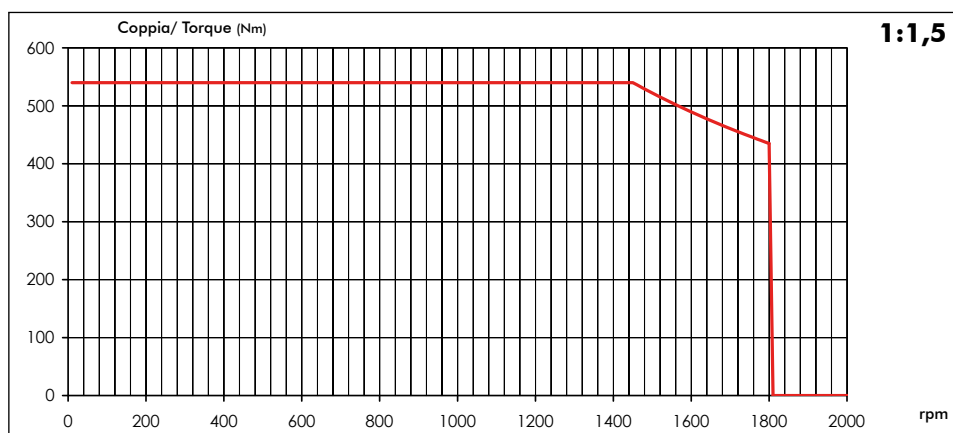
22/07/2015

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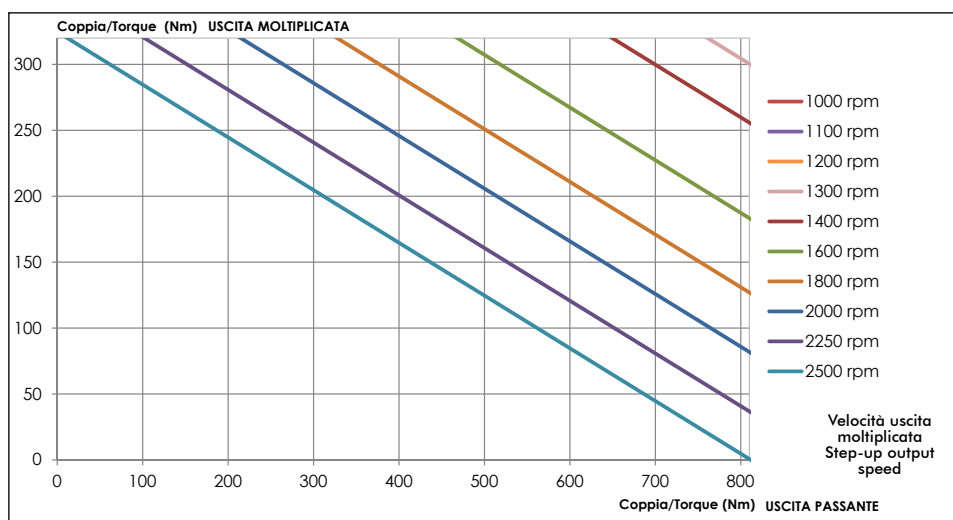
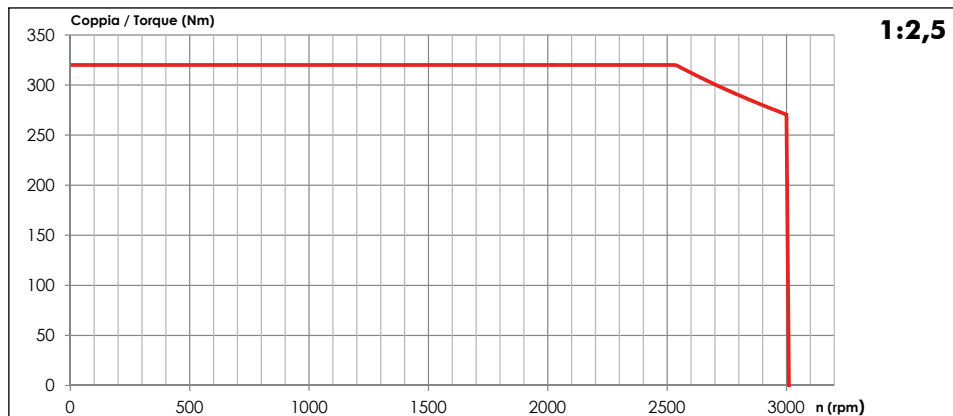




COPPIA MAX. PRELEVABILE USCITA **A**  
MAX. ALLOWED TORQUE **A** OUTPUT



COPPIA MAX. PRELEVABILE USCITA **B**  
MAX. ALLOWED TORQUE **B** OUTPUT



UTILIZZO SIMULTANEO  
SIMULTANEOUS WORK

# MULTI-BOX

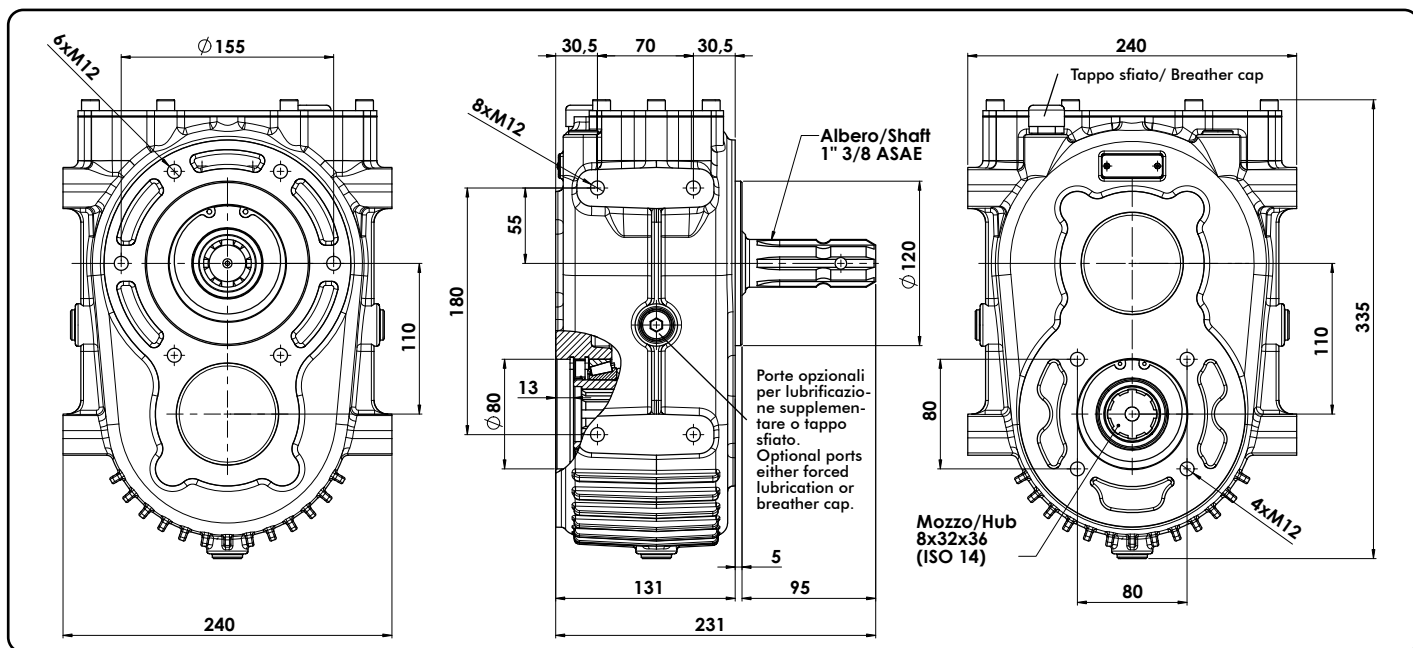
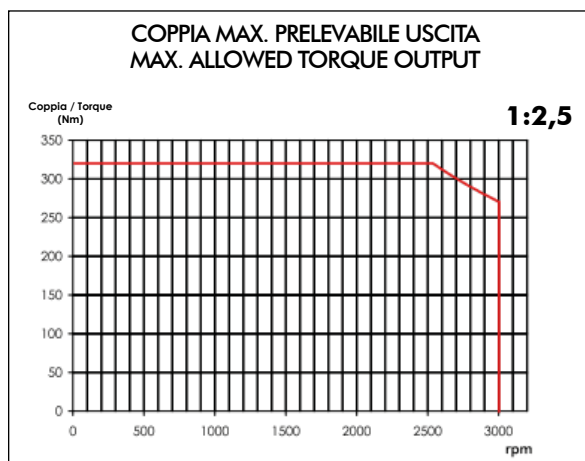
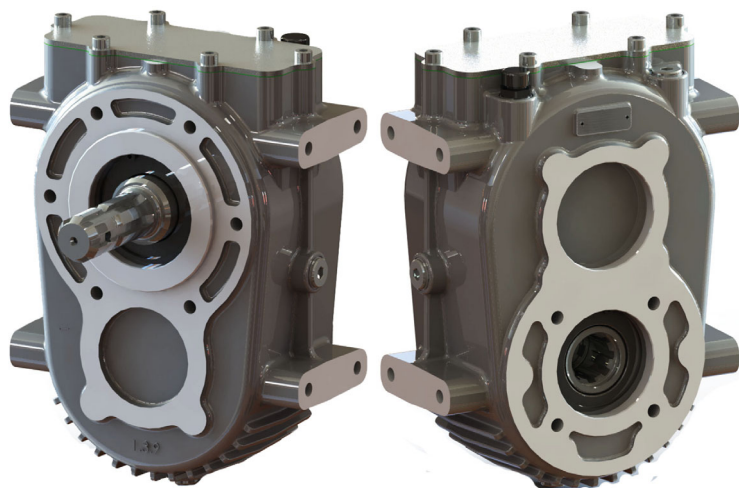
**CODICE  
CODE**

**10301620018**

IN-MASCHIO ASAE / OUT-POSTERIORE ISO  
IN-ASAE MALE / ISO REAR OUTPUT

Il MULTI-BOX è un moltiplicatore compatto ad alta coppia sviluppato per impiego in ambito agricolo ma molto versatile anche per applicazioni su veicoli industriali. Il corpo monoblocco in alluminio, concepito per permettere il montaggio in qualunque posizione, conferisce un'elevata resistenza meccanica ed al tempo stesso permette un buon smaltimento del calore. L'elevata potenza trasmissibile, unitamente alle innumerevoli combinazioni possibili di ingresso, uscita e rapporto interno, permettono di realizzare le più svariate applicazioni con estrema semplicità.

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 1:2,5                              | 320 Nm                                | 85 kW                 | 3000 rpm                             | 1200 rpm                            | 18 Kg          |

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HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components

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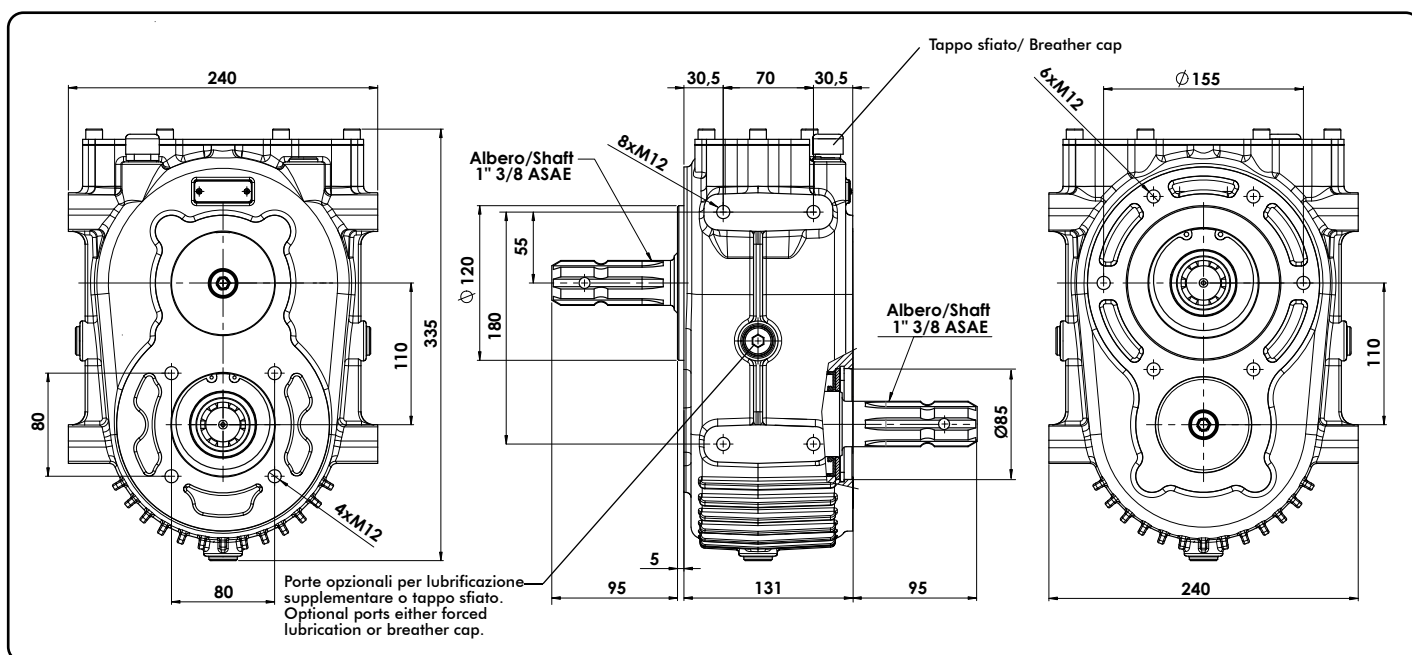
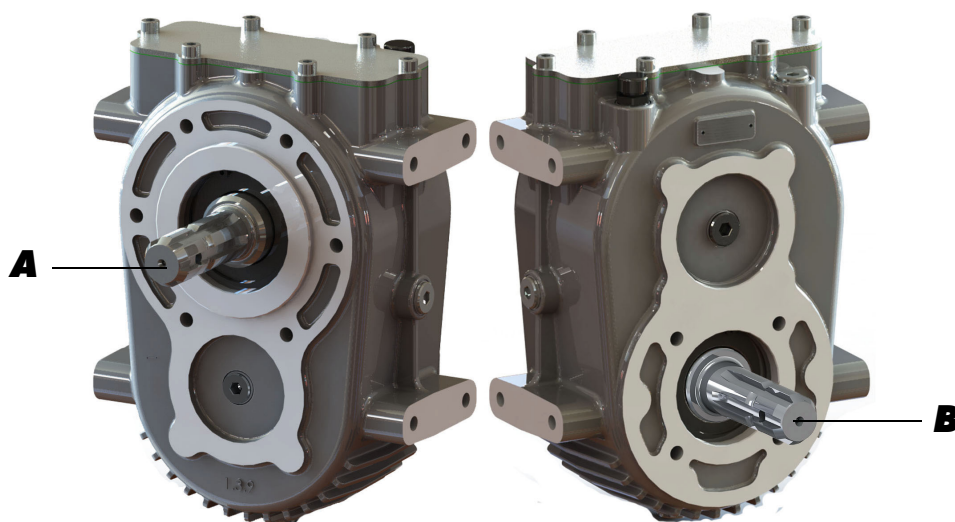
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99710301601 Rev: //

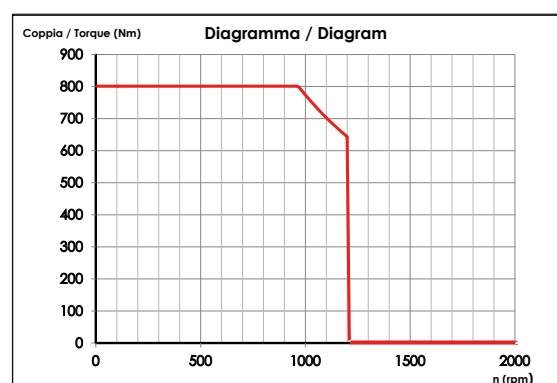
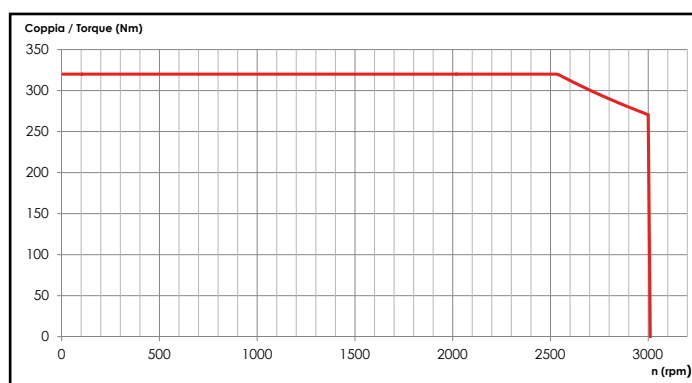
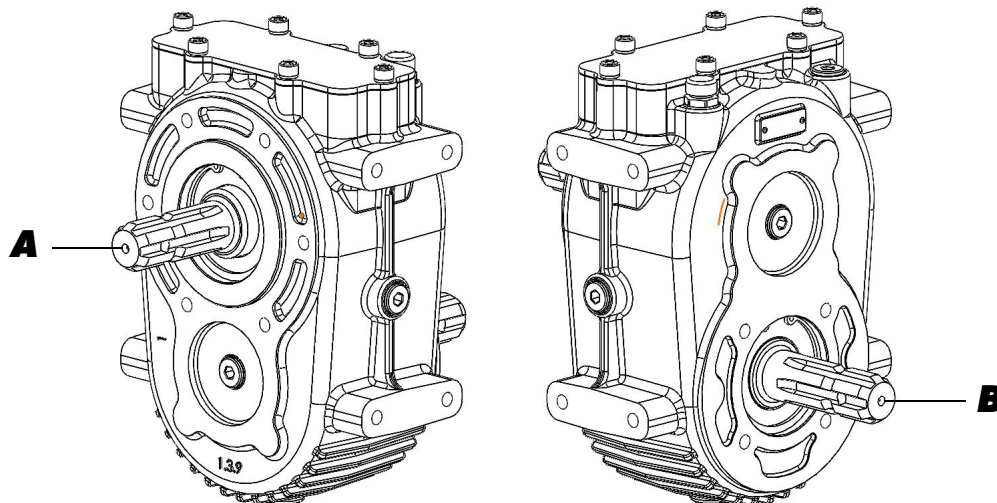


IN-MASCHIO ASAE / OUT-MASCHIO ASAE  
IN-ASAE MALE / OUT-ASAE MALE

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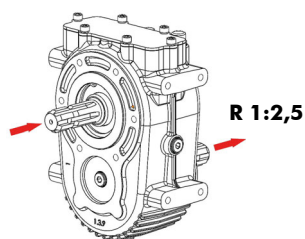
| Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 1:2,5                              | 320 Nm                                | 82 kW                 | 3000 rpm                             | 1200 rpm                            | 18 Kg          |

**UTILIZZO IN MOLTIPLICA**

Ingresso A  
Uscita B  
Rapporto 1:2,5  
Potenza massima trasmissibile 82 kW  
n max IN : 1200 rpm  
n max OUT: 3000 rpm  
Coppia max. 320 Nm

**USE as STEP-UP function**

Input A  
Output B  
Ratio 1:2,5  
Max. power 82 kW  
n max IN : 1200 rpm  
n max OUT: 3000 rpm  
Max. torque: 320 Nm



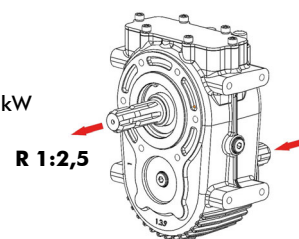
Esempio  
Example

**UTILIZZO IN RIDUZIONE**

Ingresso B  
Uscita A  
Rapporto 1:0,4  
Potenza massima trasmissibile 82 kW  
n max IN : 3000 rpm  
n max OUT: 1200 rpm  
Coppia max. 800 Nm

**USE as REDUCTION function**

Input B  
Output A  
Ratio 1:0,4  
Max. power 82 kW  
n max IN : 3000 rpm  
n max OUT: 1200 rpm  
Max. torque: 800 Nm



Esempio  
Example

# MULTI-BOX

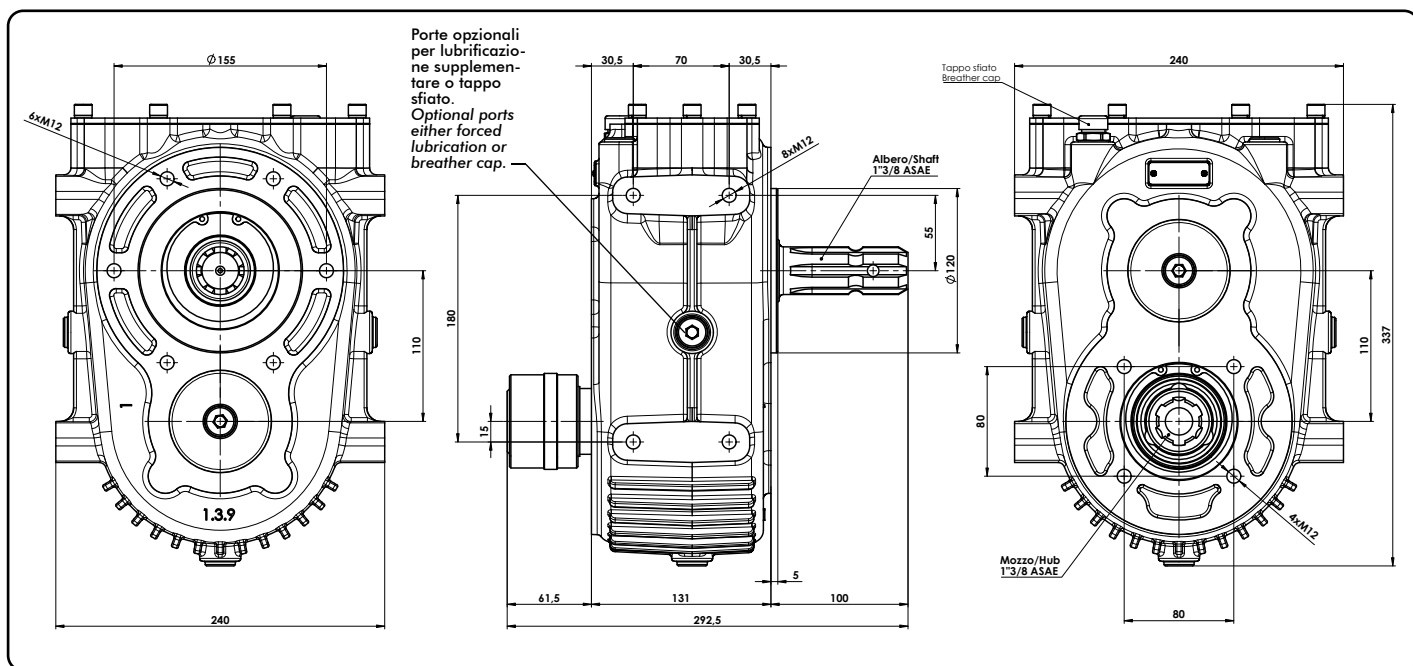
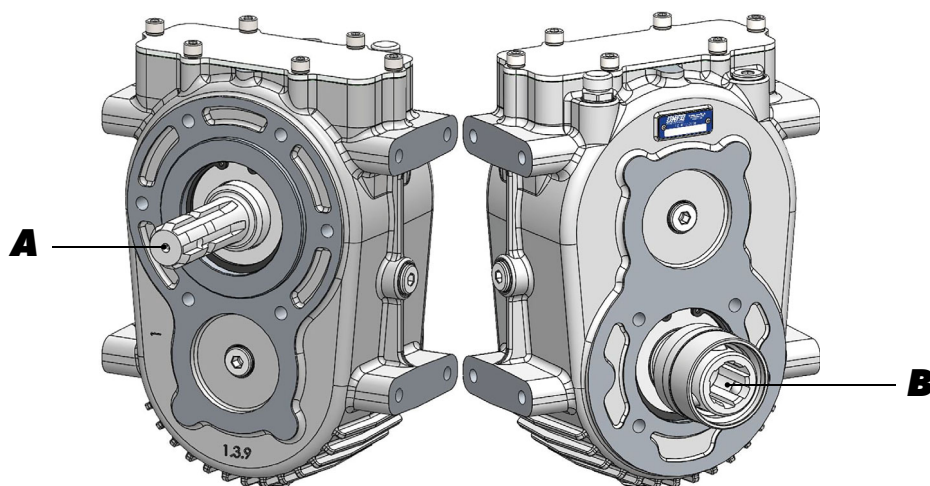
**CODICE  
CODE**

**10301620036**

**IN-MASCHIO ASAE / OUT-FEMMINA ASAE  
IN-ASAE MALE / OUT-ASAE FEMALE**

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 1:2,5                              | 320 Nm                                | 82 kW                 | 3000 rpm                             | 1200 rpm                            | 18 Kg          |

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HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components

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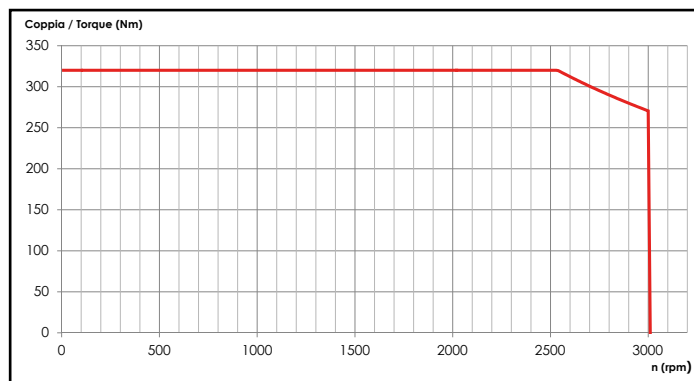
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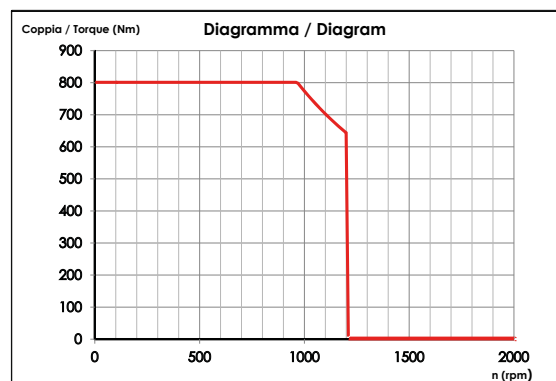
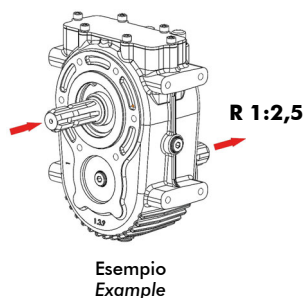
99710301606 Rev: //

**UTILIZZO IN MOLTIPLICA**

Ingresso A  
Uscita B  
Rapporto 1:2,5  
Potenza massima trasmissibile 82 kW  
n max IN : 1200 rpm  
n max OUT: 3000 rpm  
Coppia max. 320 Nm

**USE as STEP-UP function**

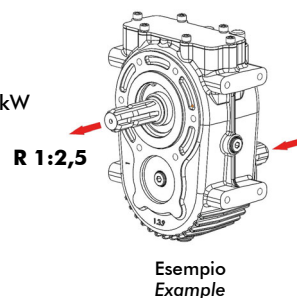
Input A  
Output B  
Ratio 1:2,5  
Max. power 82 kW  
n max IN : 1200 rpm  
n max OUT: 3000 rpm  
Max. torque: 320 Nm

**UTILIZZO IN RIDUZIONE**

Ingresso B  
Uscita A  
Rapporto 1:0,4  
Potenza massima trasmissibile 82 kW  
n max IN : 3000 rpm  
n max OUT: 1200 rpm  
Coppia max. 800 Nm

**USE as REDUCTION function**

Input B  
Output A  
Ratio 1:0,4  
Max. power 82 kW  
n max IN : 3000 rpm  
n max OUT: 1200 rpm  
Max. torque: 800 Nm



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12/09/2022

99710301606 Rev: //



# MULTI-BOX

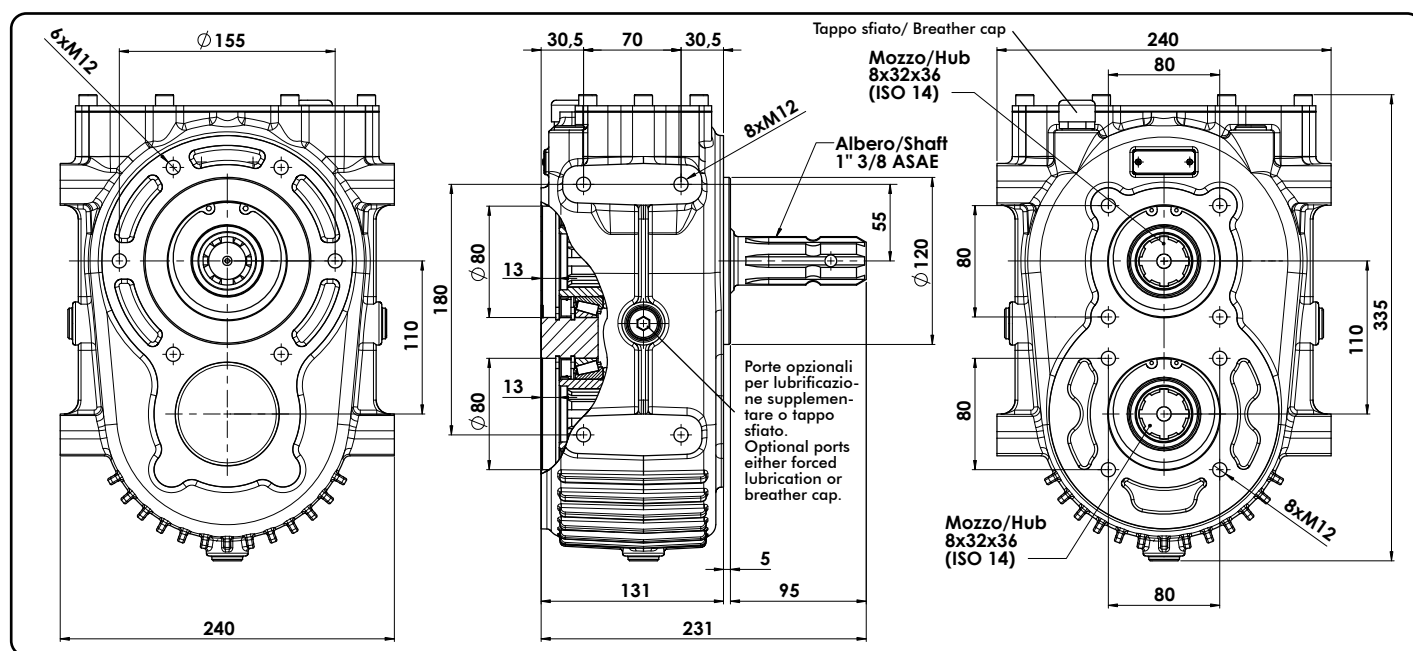
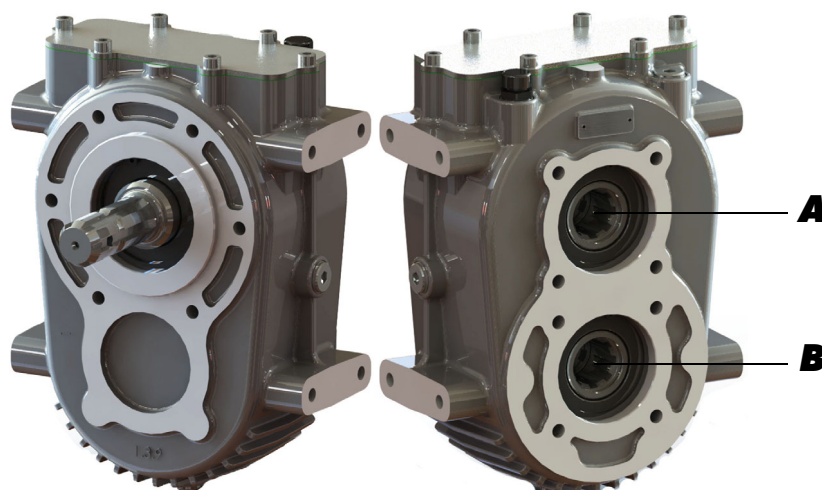
**CODICE  
CODE**

**10301621017**

**IN-MASCHIO ASAE / OUT-POSTERIORE ISO-ISO  
IN-ASAE MALE / ISO-ISO REAR OUTPUT**

Il MULTI-BOX è un moltiplicatore compatto ad alta coppia sviluppato per impiego in ambito agricolo ma molto versatile anche per applicazioni su veicoli industriali. Il corpo monoblocco in alluminio, concepito per permettere il montaggio in qualunque posizione, conferisce un'elevata resistenza meccanica ed al tempo stesso permette un buon smaltimento del calore. L'elevata potenza trasmissibile, unitamente alle innumerevoli combinazioni possibili di ingresso, uscita e rapporto interno, permettono di realizzare le più svariate applicazioni con estrema semplicità.

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

|          | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|----------|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| <b>A</b> | 1:1                                | 800 Nm                                | 85 kW                 | 1200 rpm                             | 1200 rpm                            | 18 Kg          |
| <b>B</b> | 1:2,5                              | 320 Nm                                |                       | 3000 rpm                             | 1200 rpm                            |                |

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HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components

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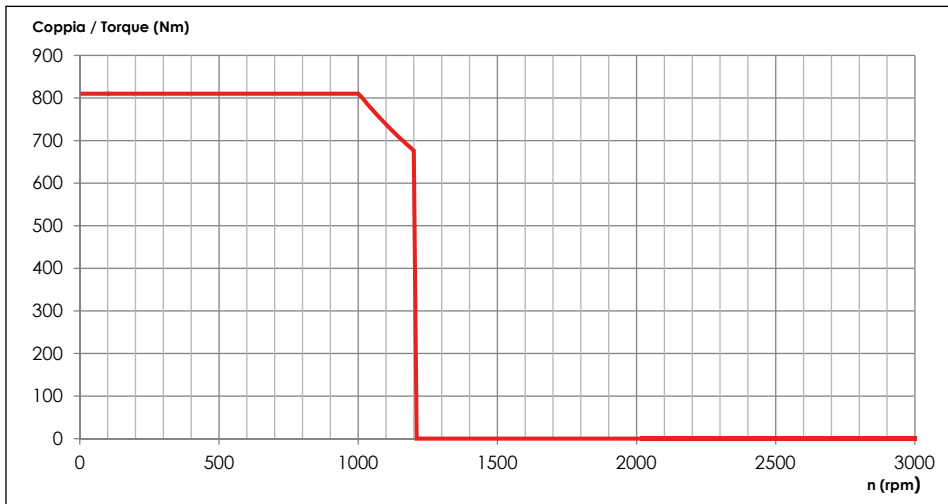
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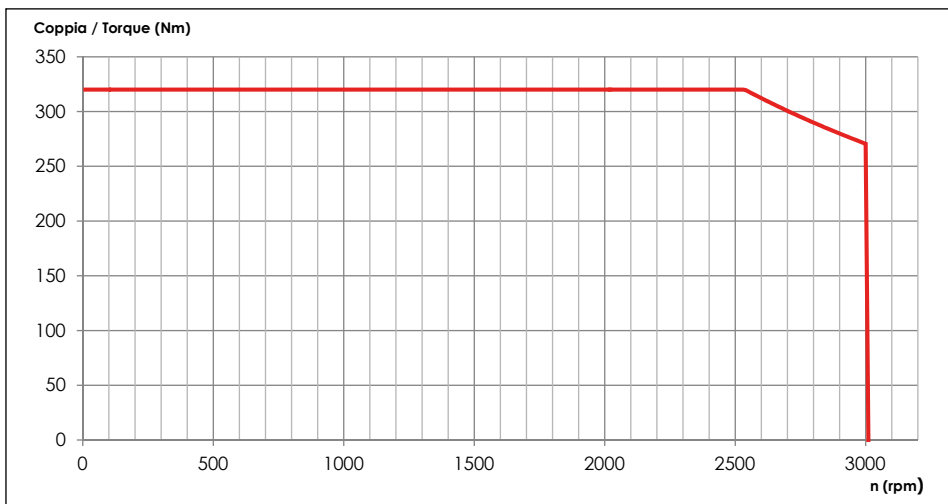
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05/05/2021

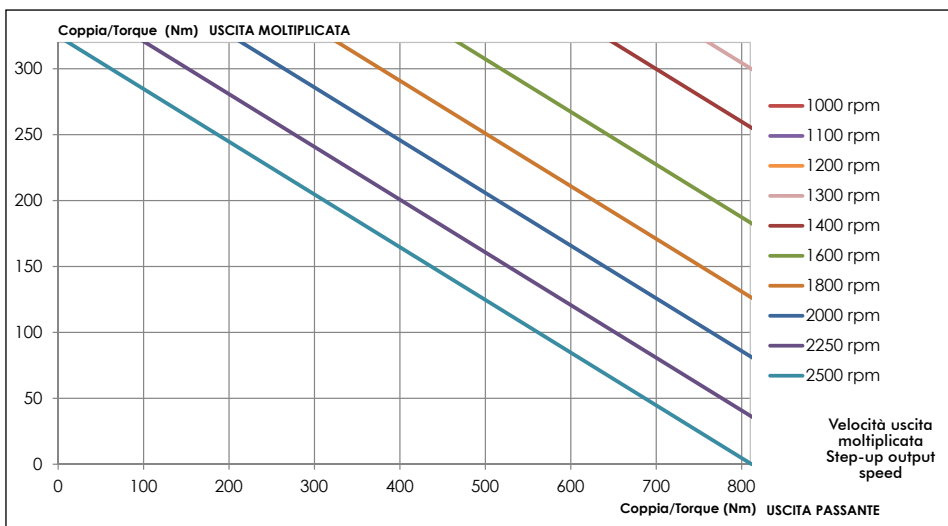
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COPPIA MAX. PRELEVABILE  
USCITA **A**  
MAX. ALLOWED TORQUE  
**A** OUTPUT



COPPIA MAX. PRELEVABILE  
USCITA **B**  
MAX. ALLOWED TORQUE  
**B** OUTPUT



UTILIZZO SIMULTANEO  
SIMULTANEOUS WORK

99740010315

05/05/2021

99710301605 Rev: //

# MULTI-BOX

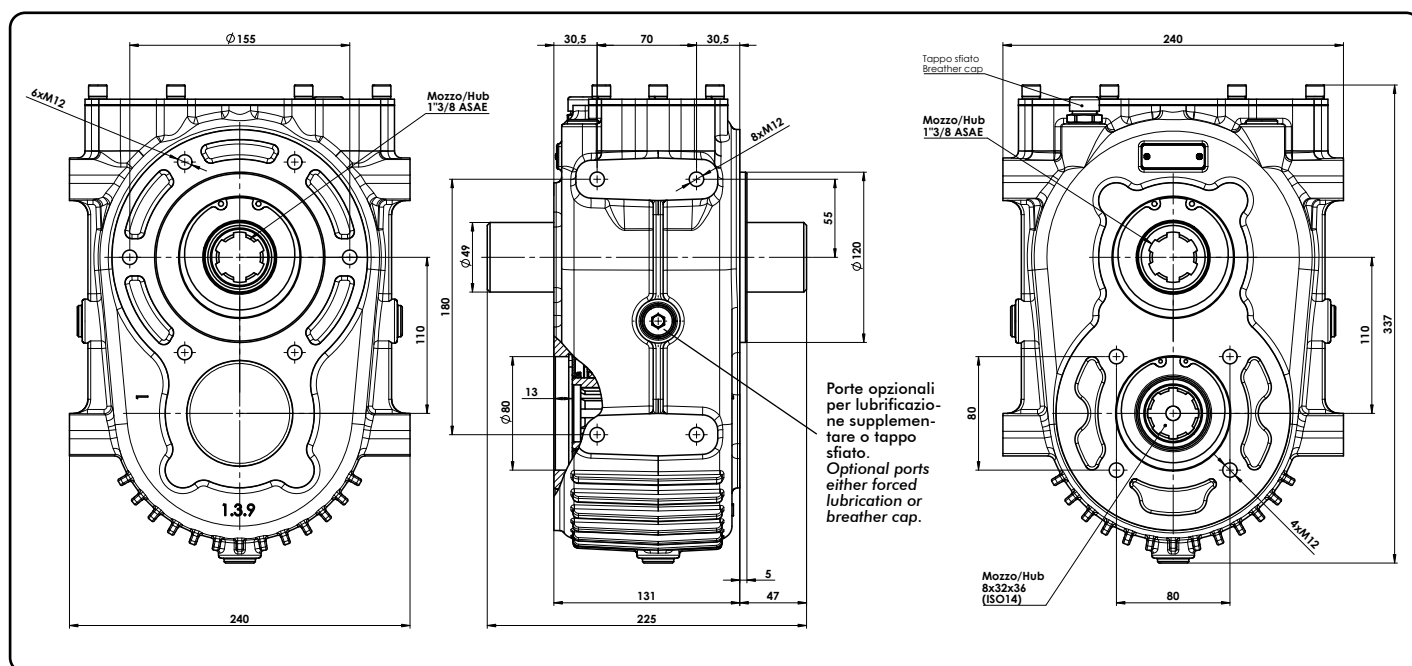
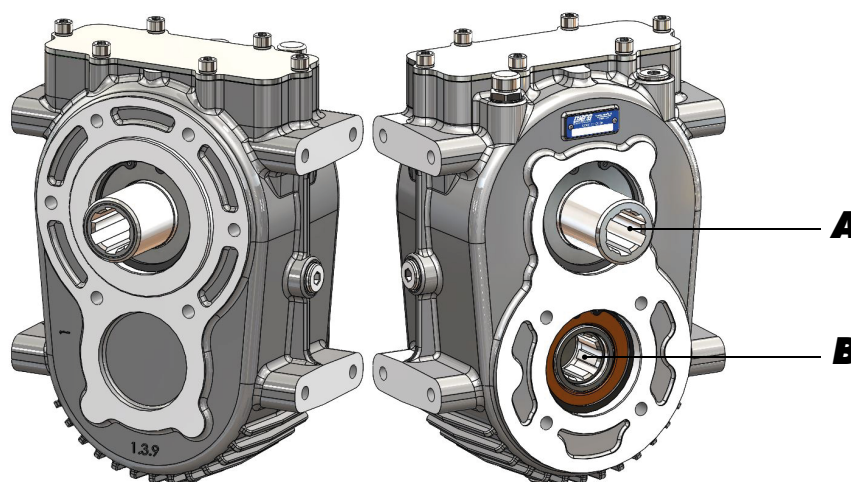
**CODICE  
CODE**

**10301633013**

IN-ASAE FEMMINA / OUT ISO-ASAE FEMMINA  
IN-ASAE FEMALE / ISO-ASAE FEMALE OUTPUT

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

|          | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|----------|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| <b>A</b> | 1:1                                | 800 Nm                                | 85 kW                 | 1200 rpm                             | 1200 rpm                            | 18 Kg          |
| <b>B</b> | 1:2,5                              | 320 Nm                                |                       | 3000 rpm                             | 1200 rpm                            |                |

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HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components

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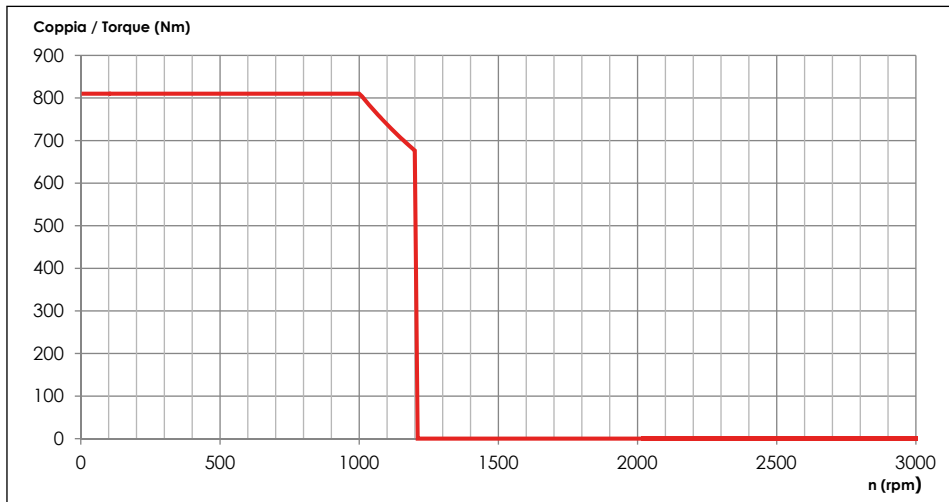
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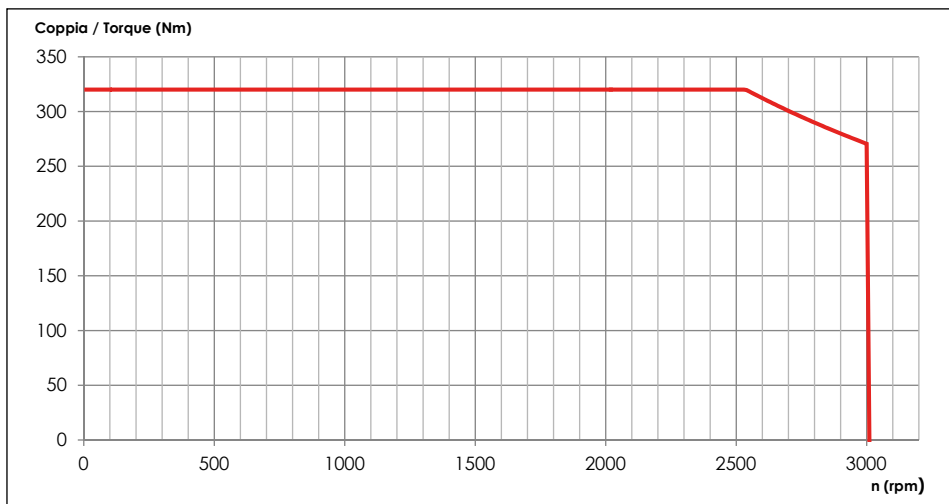
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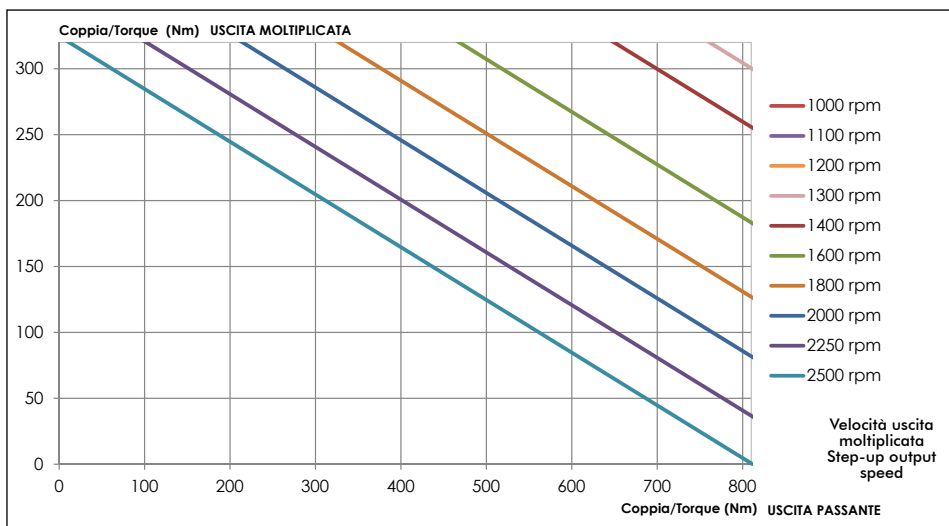
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COPPIA MAX. PRELEVABILE  
USCITA **A**  
MAX. ALLOWED TORQUE  
**A** OUTPUT



COPPIA MAX. PRELEVABILE  
USCITA **B**  
MAX. ALLOWED TORQUE  
**B** OUTPUT



UTILIZZO SIMULTANEO  
SIMOULTANEOUS WORK

99740010315

12/09/2022

99710301607 Rev: //



# MULTI-BOX

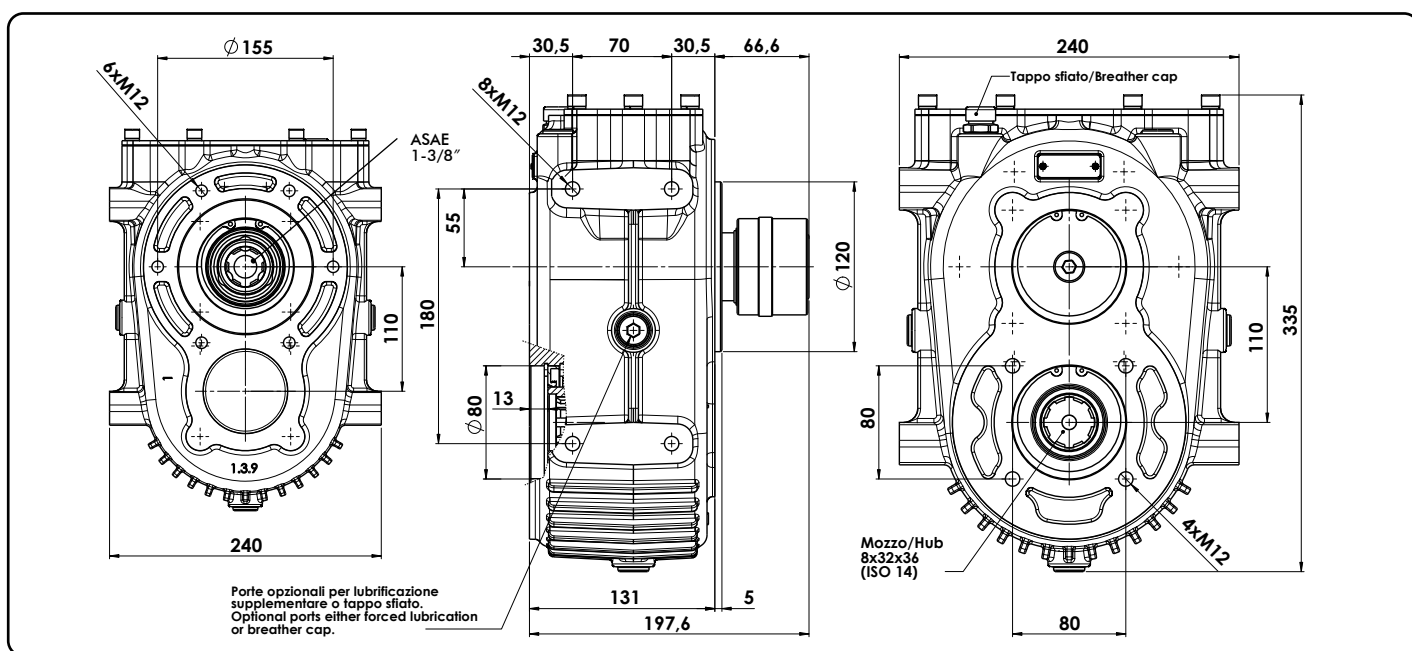
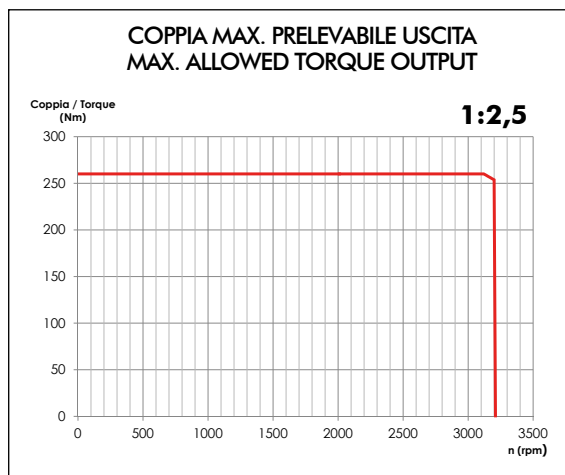
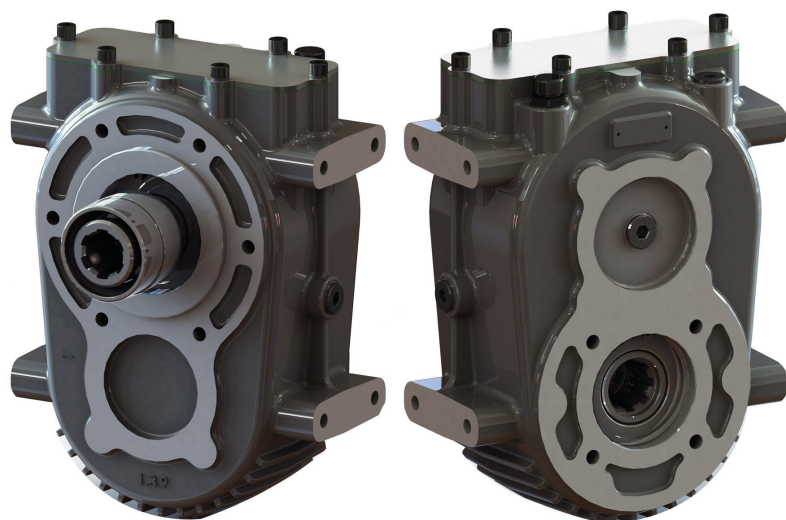
**CODICE  
CODE**

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**IN FEMMINA ASAE** (con aggancio scorrevole)  
**OUT ISO** (with quick release coupling)

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 1:2,5                              | 320 Nm                                | 85 kW                 | 3000 rpm                             | 1200 rpm                            | 18 Kg          |

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HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components

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# MULTI-BOX

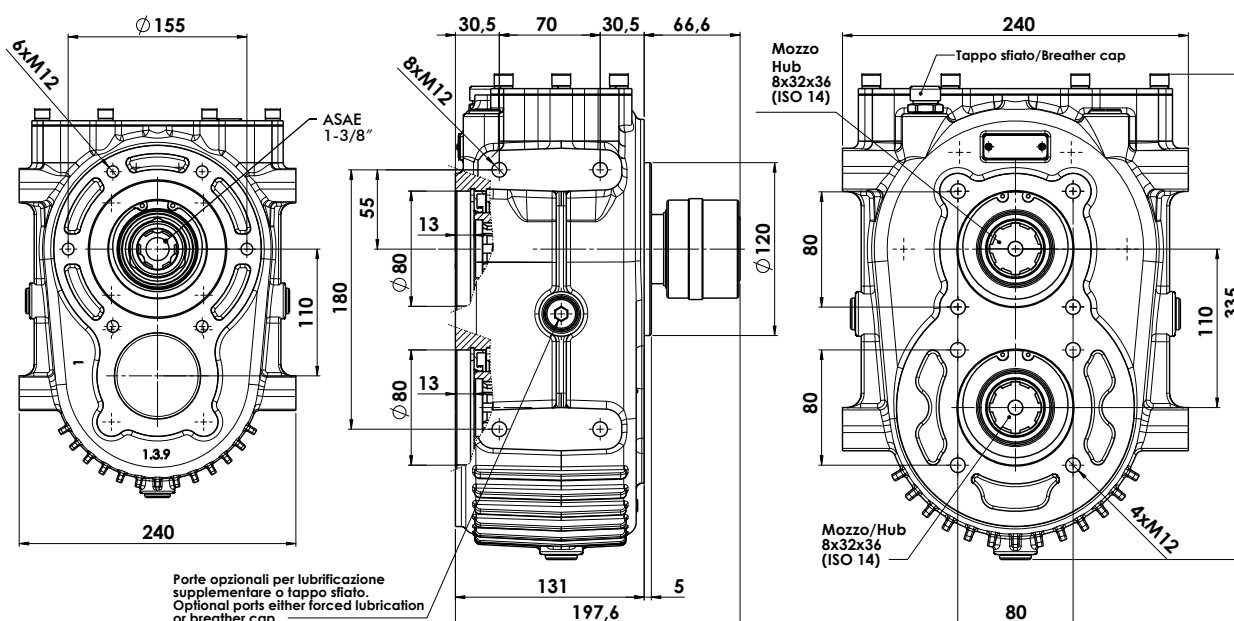
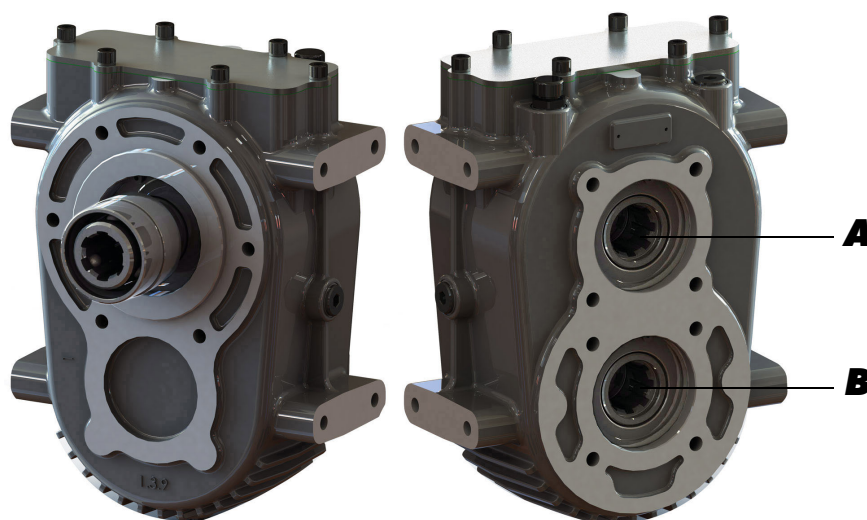
**CODICE  
CODE**

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**IN FEMMINA ASAE** (con aggancio scorrevole)  
**OUT ISO-ISO** (with quick release coupling)

Il MULTI-BOX è un moltiplicatore compatto ad alta coppia sviluppato per impiego in ambito agricolo ma molto versatile anche per applicazioni su veicoli industriali. Il corpo monoblocco in alluminio, concepito per permettere il montaggio in qualunque posizione, conferisce un'elevata resistenza meccanica ed al tempo stesso permette un buon smaltimento del calore. L'elevata potenza trasmissibile, unitamente alle innumerevoli combinazioni possibili di ingresso, uscita e rapporto interno, permettono di realizzare le più svariate applicazioni con estrema semplicità.

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

|          | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|----------|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| <b>A</b> | 1:1                                | 810 Nm                                | 85 kW                 | 1200 rpm                             | 1200 rpm                            | 18 Kg          |
| <b>B</b> | 1:2,5                              | 320 Nm                                |                       | 3000 rpm                             | 1200 rpm                            |                |

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HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components

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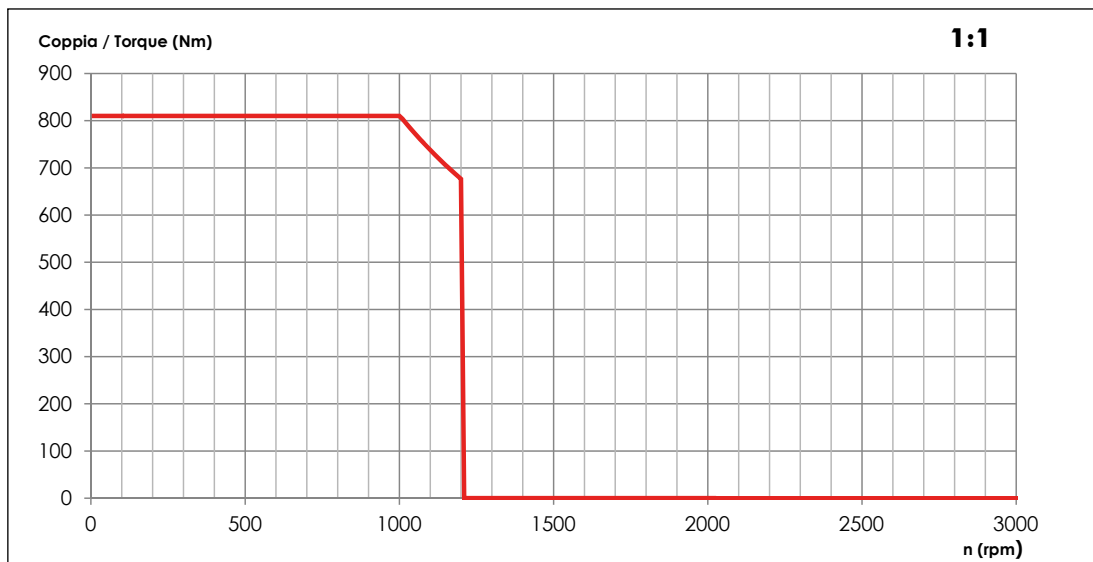
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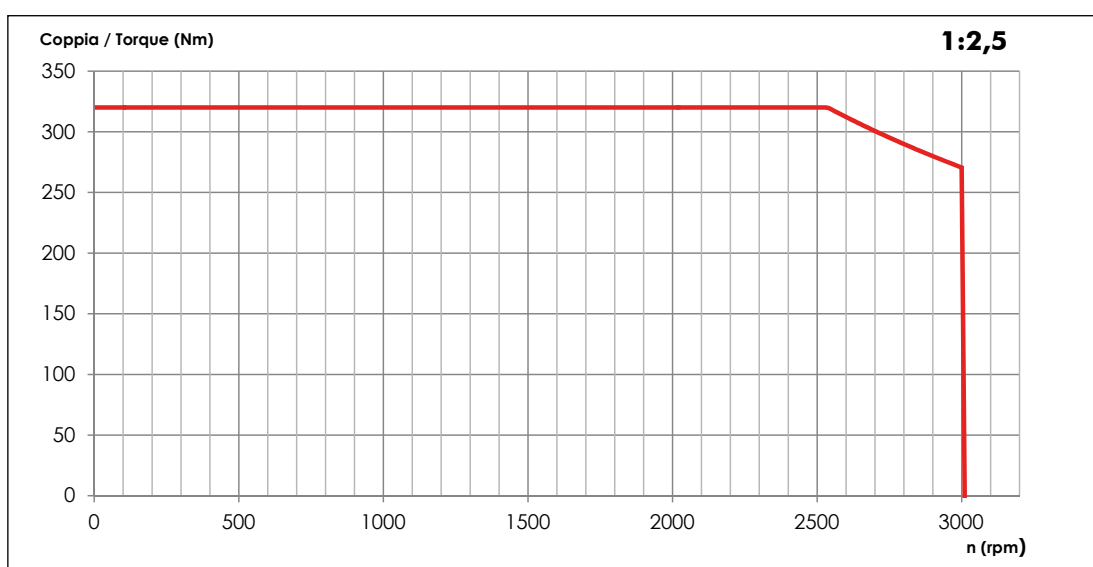
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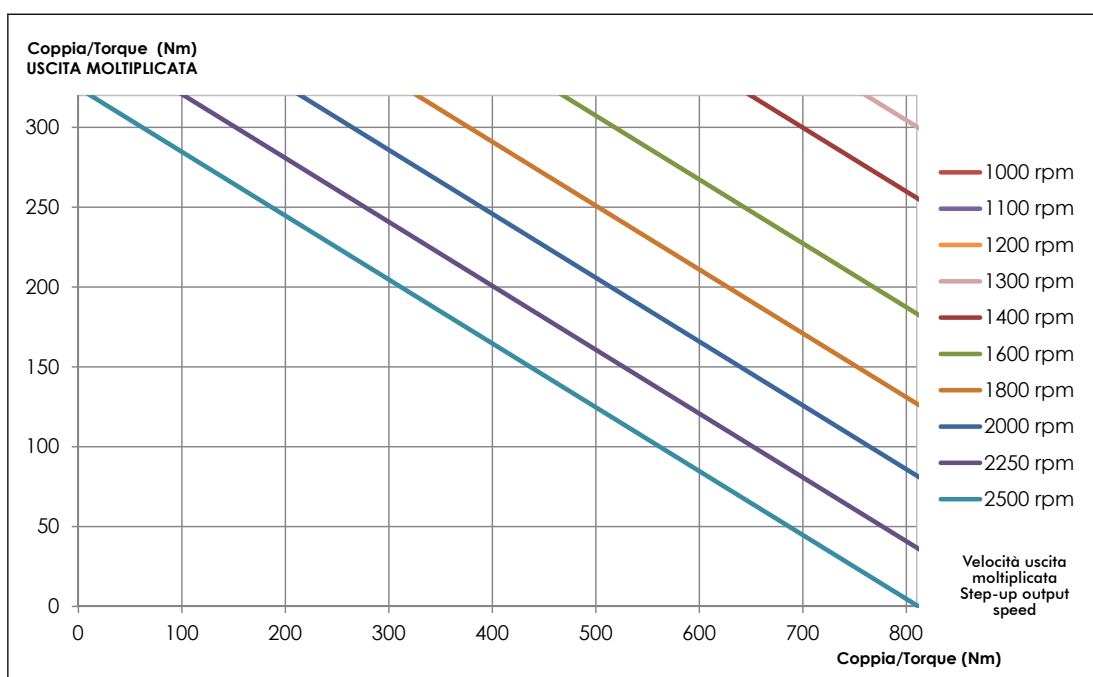
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**COPPIA MAX. PRELEVABILE**  
**USCITA A**  
**MAX. ALLOWED TORQUE**  
**A OUTPUT**



**COPPIA MAX. PRELEVABILE**  
**USCITA B**  
**MAX. ALLOWED TORQUE**  
**B OUTPUT**



**UTILIZZO SIMULTANEO**  
**SIMULTANEOUS WORK**

# MULTI-BOX

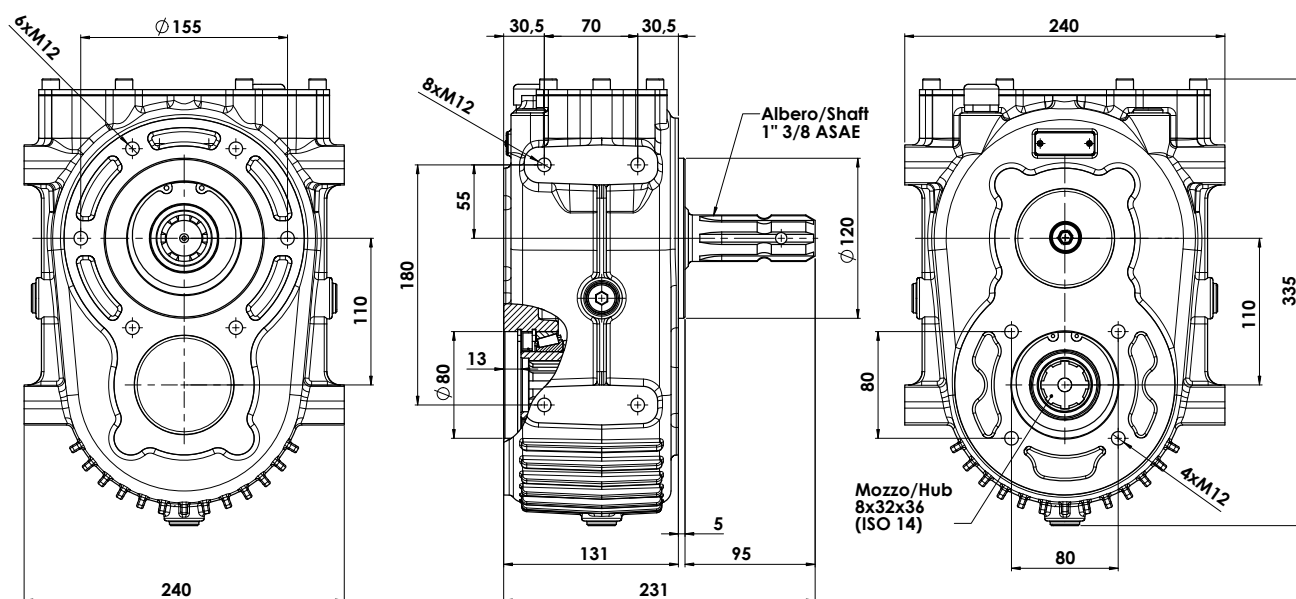
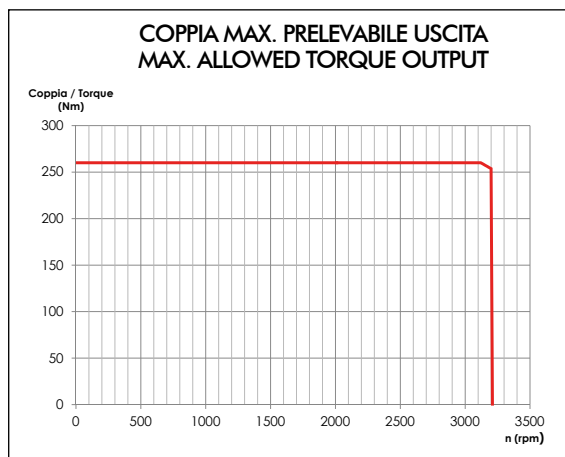
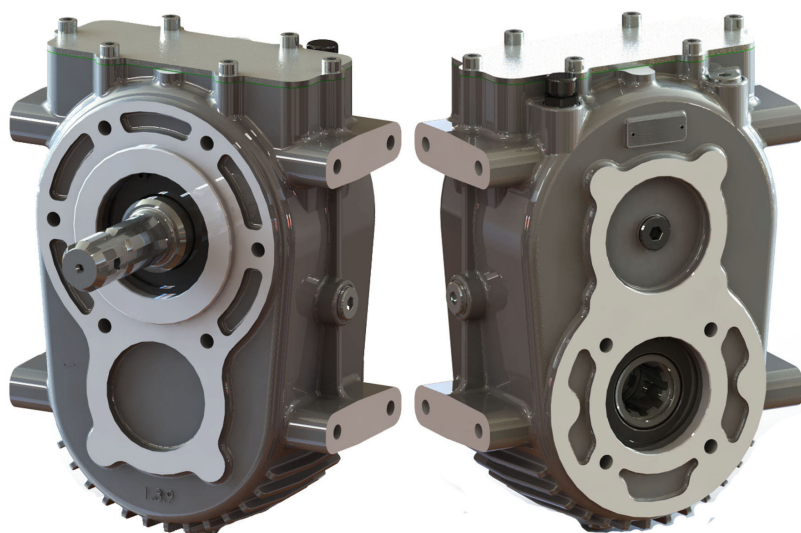
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**IN MASCHIO ASAE  
OUT - ISO**

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 1:3,2                              | 260 Nm                                | 85 kW                 | 3200 rpm                             | 1000 rpm                            | 18 Kg          |



HYDRAULIC COMPONENTS

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O.M.F.B. S.p.A. Hydraulic Components

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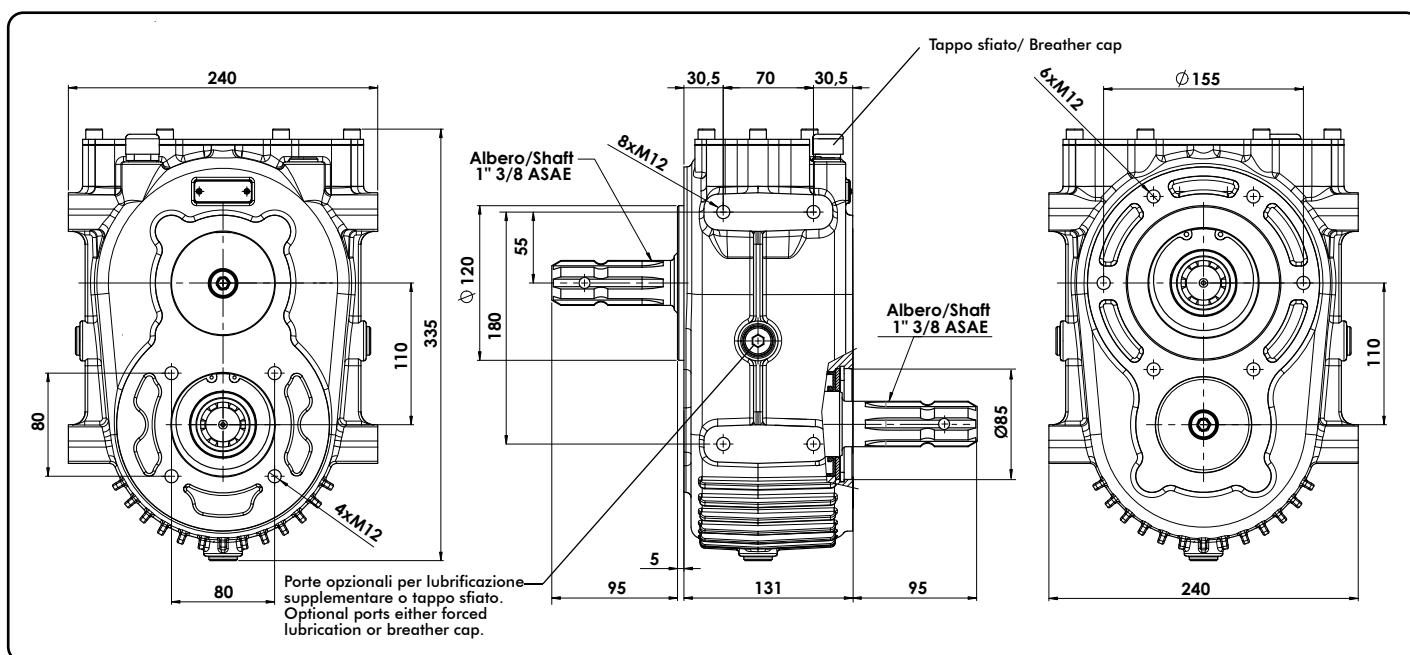
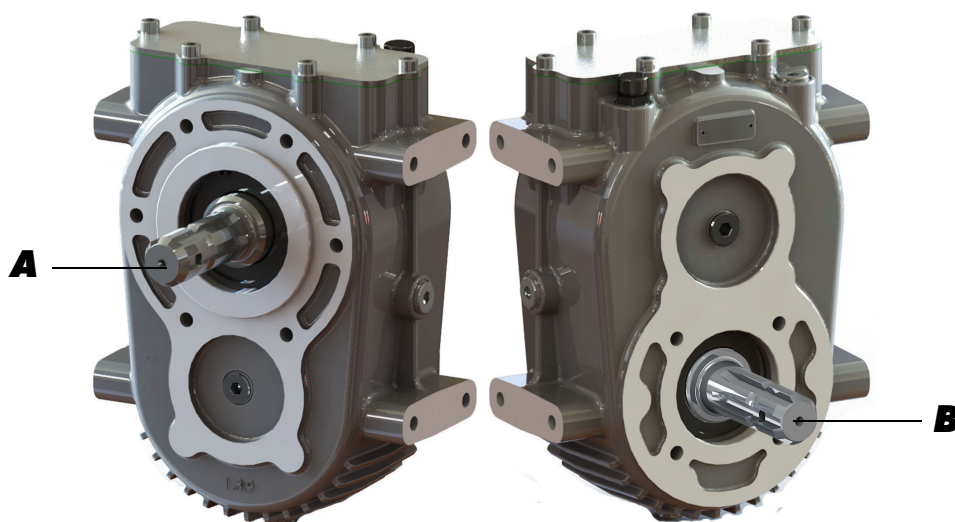


# MULTI-BOX

IN-MASCHIO ASAE / OUT-MASCHIO ASAE  
IN-ASAE MALE / OUT-ASAE MALE

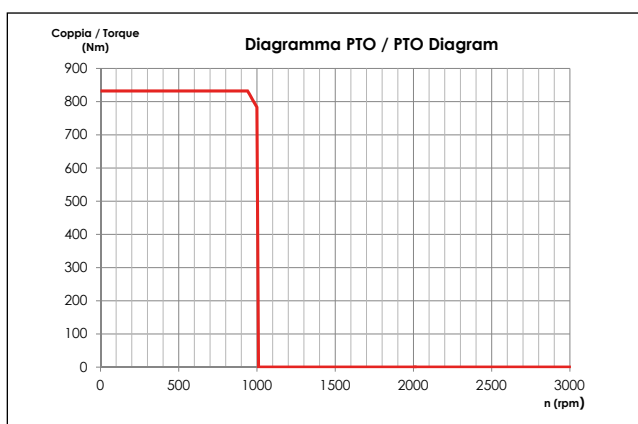
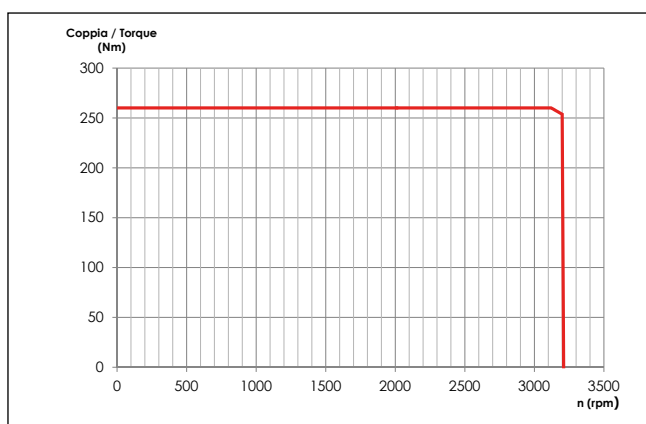
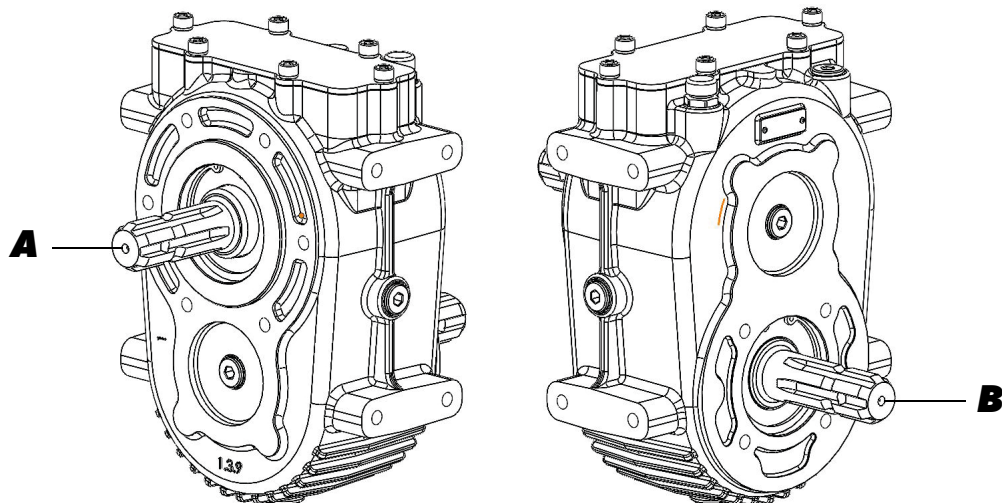
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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

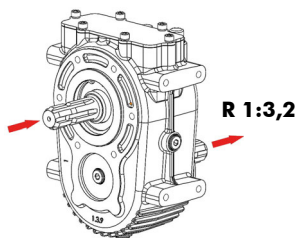
| Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 1:3,2                              | 260 Nm                                | 82 kW                 | 3200 rpm                             | 1000 rpm                            | 18 Kg          |

**UTILIZZO IN MOLTIPLICA**

Ingresso A  
Uscita B  
Rapporto 1:3,2  
Potenza massima trasmissibile 82 kW  
n max IN : 1000 rpm  
n max OUT: 3200 rpm  
Coppia max. 260 Nm

**USE as STEP-UP function**

Input A  
Output B  
Ratio 1:3,2  
Max. power 82 kW  
n max IN : 1000 rpm  
n max OUT: 3200 rpm  
Max. torque: 260 Nm



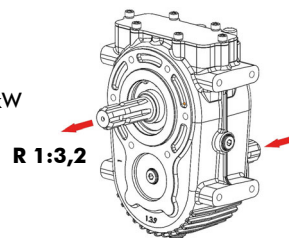
Esempio  
Example

**UTILIZZO IN RIDUZIONE**

Ingresso B  
Uscita A  
Rapporto 1:0,32  
Potenza massima trasmissibile 82 kW  
n max IN : 3200 rpm  
n max OUT: 1000 rpm  
Coppia max. 832 Nm

**USE as REDUCTION function**

Input B  
Output A  
Ratio 1:0,32  
Max. power 82 kW  
n max IN : 3200 rpm  
n max OUT: 1000 rpm  
Max. torque: 832 Nm



Esempio  
Example

# MULTI-BOX

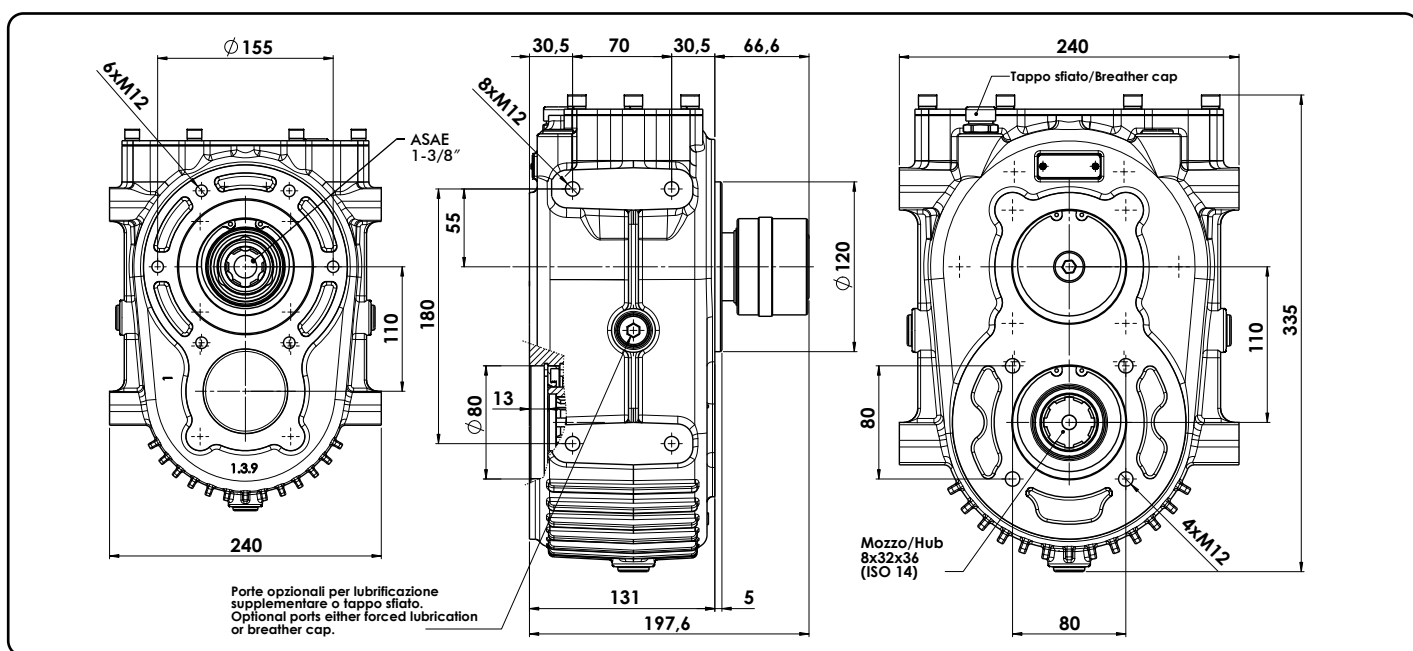
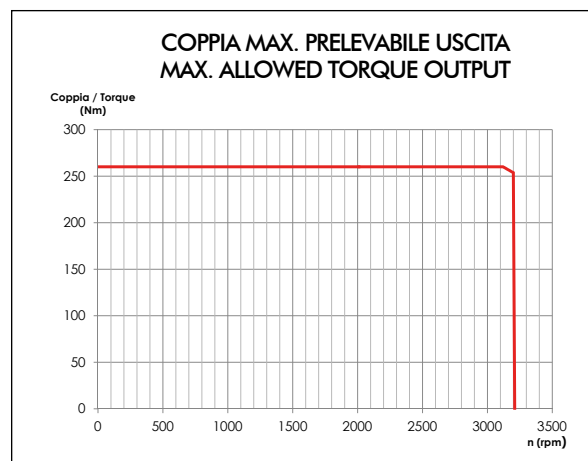
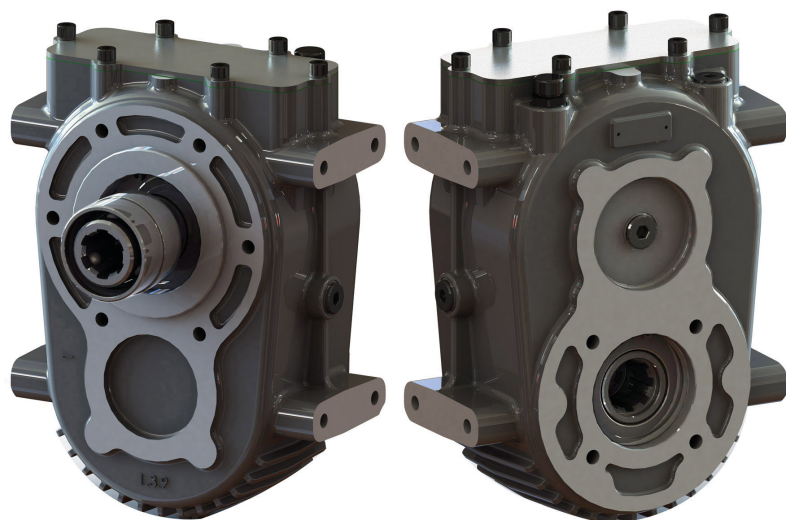
**CODICE  
CODE**

**10301740013**

**IN FEMMINA ASAE** (con aggancio scorrevole)  
**OUT ISO** (with quick release coupling)

Il MULTI-BOX è un moltiplicatore compatto ad alta coppia sviluppato per impiego in ambito agricolo ma molto versatile anche per applicazioni su veicoli industriali. Il corpo monoblocco in alluminio, concepito per permettere il montaggio in qualunque posizione, conferisce un'elevata resistenza meccanica ed al tempo stesso permette un buon smaltimento del calore. L'elevata potenza trasmissibile, unitamente alle innumerevoli combinazioni possibili di ingresso, uscita e rapporto interno, permettono di realizzare le più svariate applicazioni con estrema semplicità.

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 1:3,2                              | 260 Nm                                | 85 kW                 | 3200 rpm                             | 1000 rpm                            | 18 Kg          |

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HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components

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

99740010315

30/04/2015

99710301702 Rev: //

# MULTI-BOX

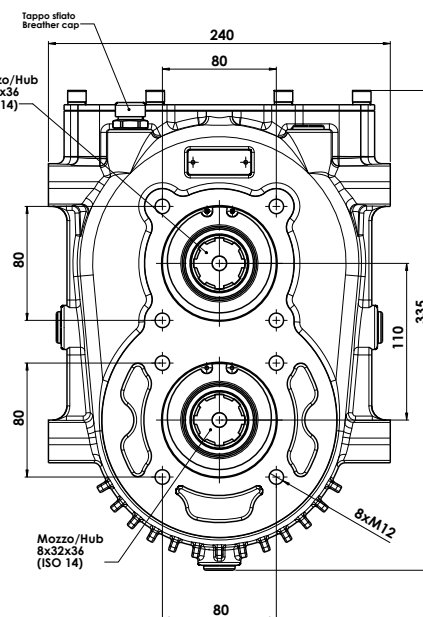
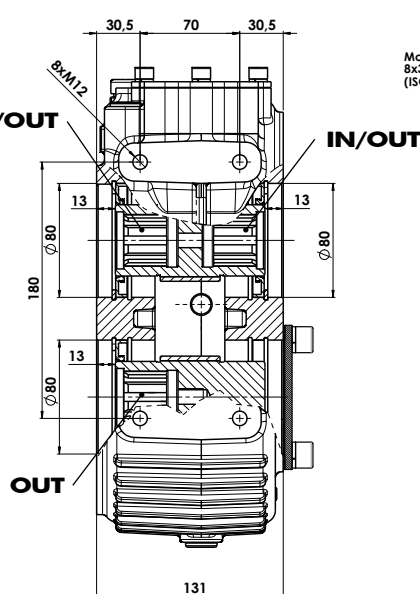
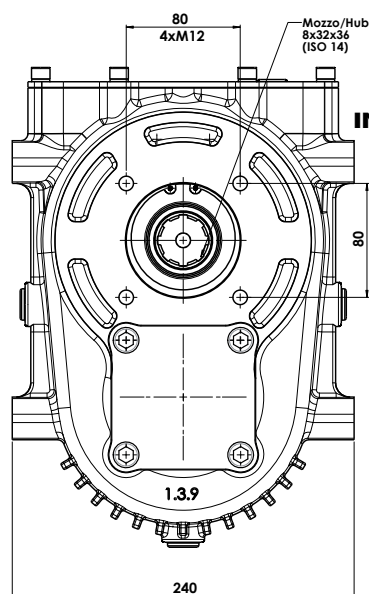
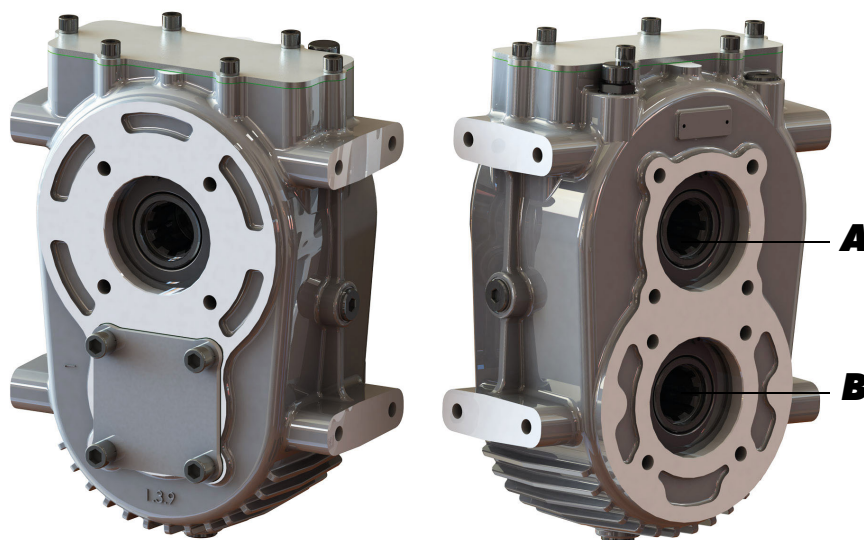
**CODICE  
CODE**

**10301611019  
10301711018**

**IN - FEMMINA ISO  
OUT - FEMMINA ISO/ISO**

Il MULTI-BOX è un moltiplicatore compatto ad alta coppia sviluppato per impiego in ambito agricolo ma molto versatile anche per applicazioni su veicoli industriali. Il corpo monoblocco in alluminio, concepito per permettere il montaggio in qualunque posizione, conferisce un'elevata resistenza meccanica ed al tempo stesso permette un buon smaltimento del calore. L'elevata potenza trasmissibile, unitamente alle innumerevoli combinazioni possibili di ingresso, uscita e rapporto interno, permettono di realizzare le più svariate applicazioni con estrema semplicità.

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES 10301611019

|          | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|----------|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| <b>A</b> | 1:1                                | 800 Nm                                | 85 kW                 | 1200 rpm                             | 1200 rpm                            | 18 Kg          |
| <b>B</b> | 1:2,5                              | 320 Nm                                |                       | 3000 rpm                             | 1200 rpm                            |                |

## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES 10301711018

|          | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|----------|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| <b>A</b> | 1:1                                | 830 Nm                                | 85 kW                 | 1000 rpm                             | 1000 rpm                            | 18 Kg          |
| <b>B</b> | 1:3,2                              | 260 Nm                                |                       | 3200 rpm                             | 1000 rpm                            |                |

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HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components

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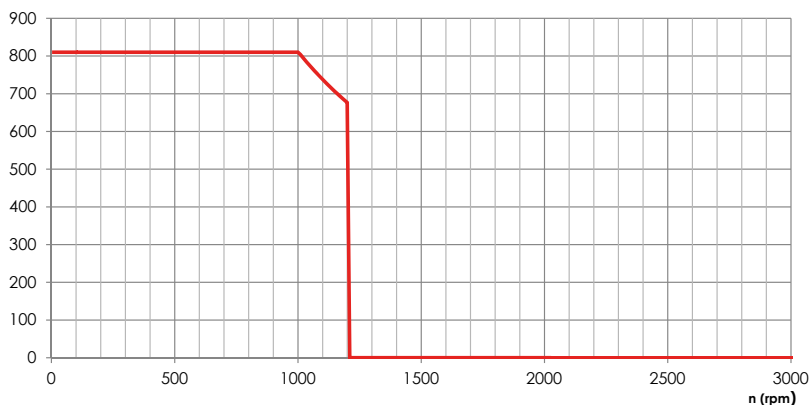
31/05/2018

99710301703 Rev: AA



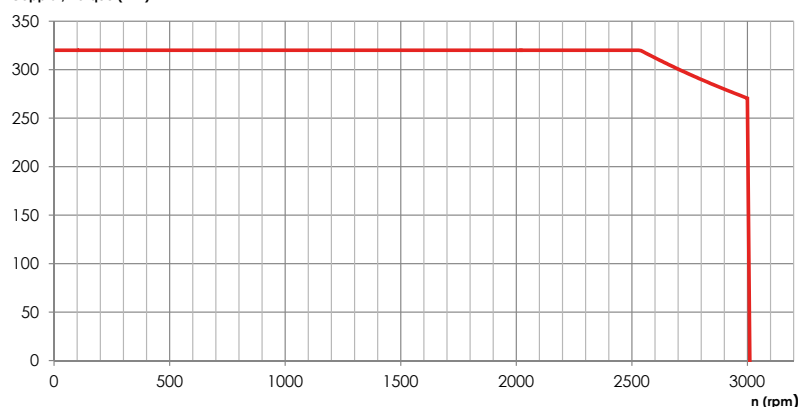
**10301611019**

Coppia / Torque (Nm)



COPPIA MAX. PRELEVABILE  
USCITA **A**  
MAX. ALLOWED TORQUE  
**A** OUTPUT

Coppia / Torque (Nm)

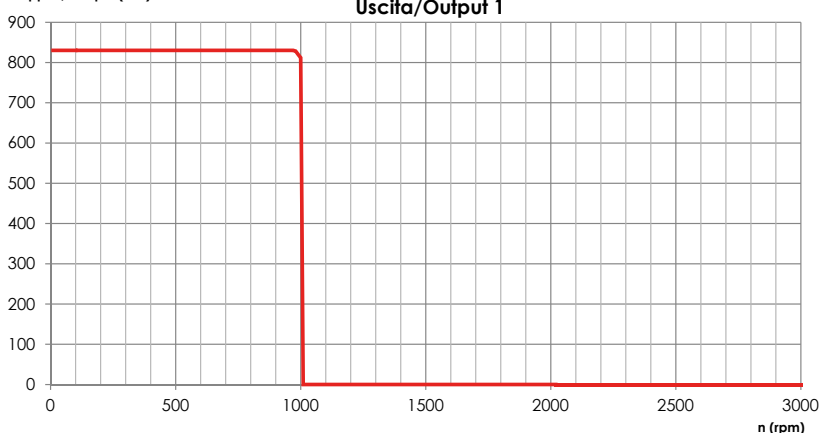


COPPIA MAX. PRELEVABILE  
USCITA **B**  
MAX. ALLOWED TORQUE  
**B** OUTPUT

99740010315

**Diagramma PTO / PTO Diagram**  
**Uscita/Output 1**

Coppia / Torque (Nm)

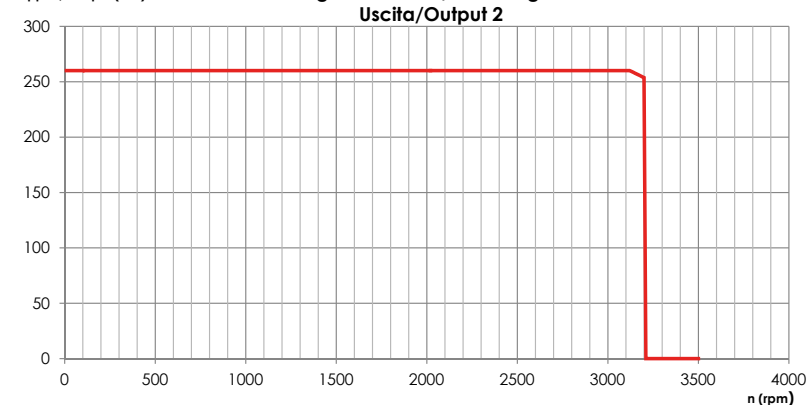


**10301711018**

COPPIA MAX. PRELEVABILE  
USCITA **A**  
MAX. ALLOWED TORQUE  
**A** OUTPUT

**Diagramma PTO / PTO Diagram**  
**Uscita/Output 2**

Coppia / Torque (Nm)



COPPIA MAX. PRELEVABILE  
USCITA **B**  
MAX. ALLOWED TORQUE  
**B** OUTPUT

31/05/2018

99710301703 Rev: AA

# MULTI-BOX

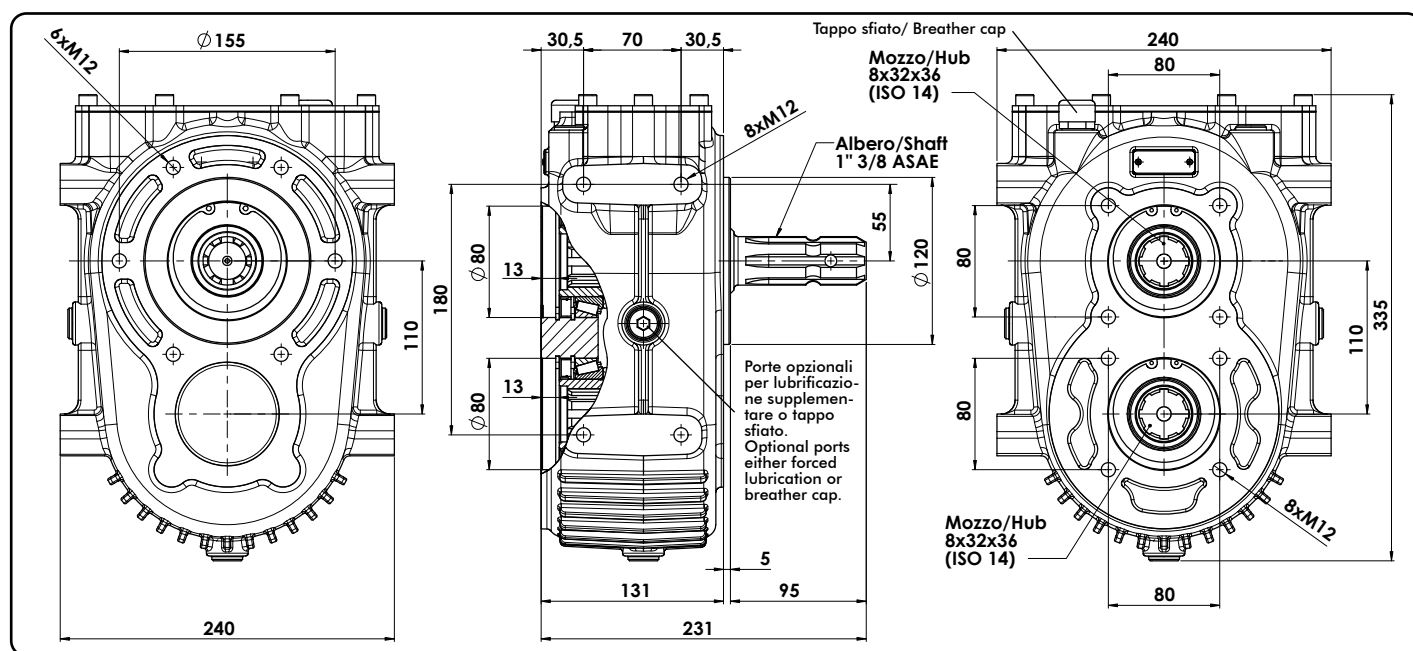
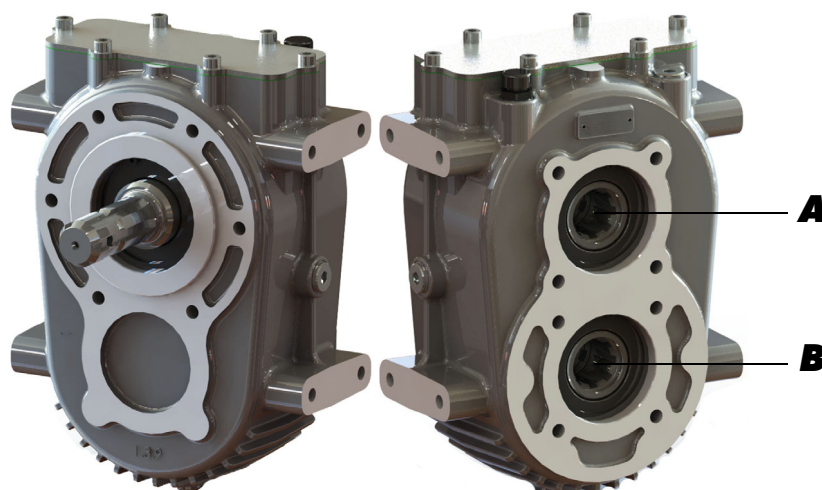
**CODICE  
CODE**

**10301721016**

**IN-MASCHIO ASAE / OUT-POSTERIORE ISO-ISO  
IN-ASAE MALE / ISO-ISO REAR OUTPUT**

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|          | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|----------|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| <b>A</b> | 1:1                                | 830 Nm                                | 85 kW                 | 1000 rpm                             | 1000 rpm                            | 18 Kg          |
| <b>B</b> | 1:3,2                              | 260 Nm                                |                       | 3200 rpm                             | 1000 rpm                            |                |

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HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components

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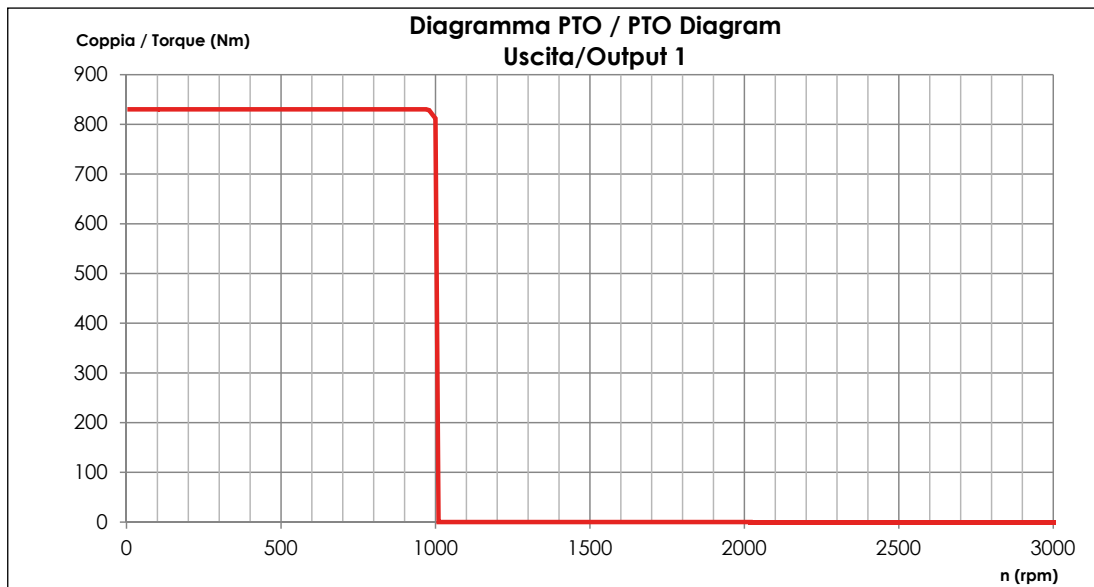
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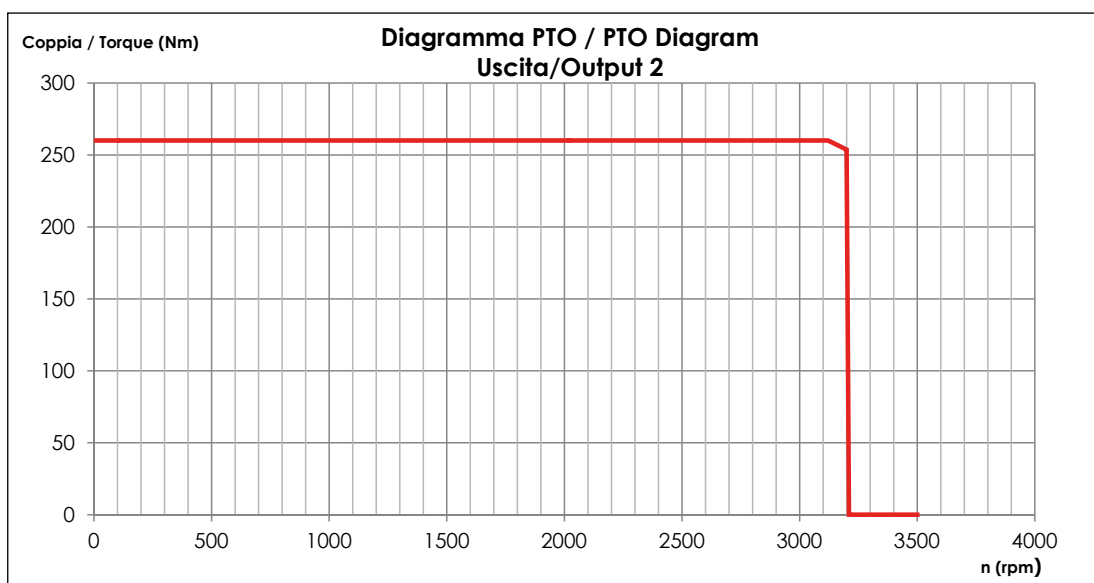
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28/04/2017

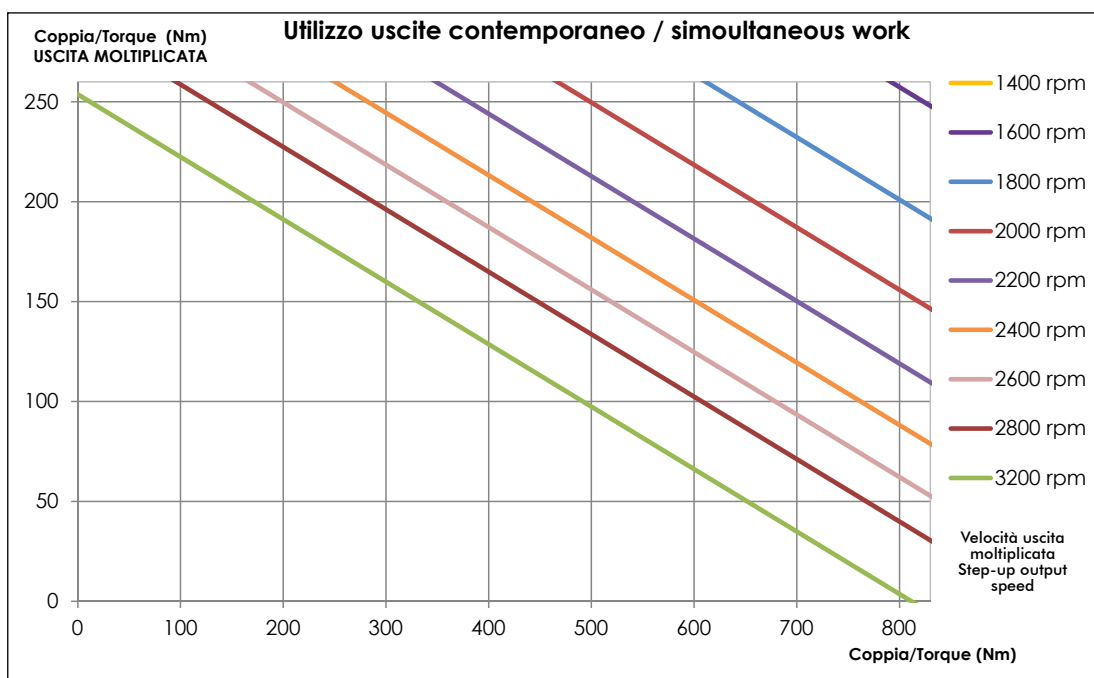
99710301704 Rev: //



COPPIA MAX. PRELEVABILE  
USCITA **A**  
MAX. ALLOWED TORQUE  
**A** OUTPUT



COPPIA MAX. PRELEVABILE  
USCITA **B**  
MAX. ALLOWED TORQUE  
**B** OUTPUT



UTILIZZO SIMULTANEO  
SIMULTANEOUS WORK