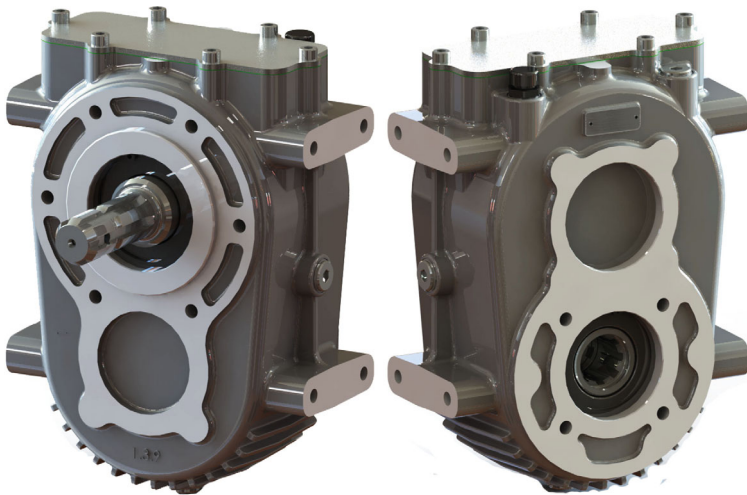


# MULTI-BOX

99740010315 Rev: AL



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.

The MULTI-BOX is the new heavy duty yet compact step-up gearbox designed for agricultural and forestry applications as well as suitable also for use on industrial truck. The all-in-one piece aluminum casing is designed to allow the mounting in any positions and gives at the same time high mechanical strength and efficient heat dissipation. The high power available, together with the several combinations of input and output options, various internal ratio, allow to realize the most varied applications with extreme simplicity.

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MULTI-BOX

Алматы (7273)495-231  
Ангарск (3955)60-70-56  
Архангельск (8182)63-90-72  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Благовещенск (4162)22-76-07  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Владикавказ (8672)28-90-48  
Владимир (4922)49-43-18  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Казань (843)206-01-48  
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Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
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Чита (3022)38-34-83  
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Казахстан +7(7172)727-132

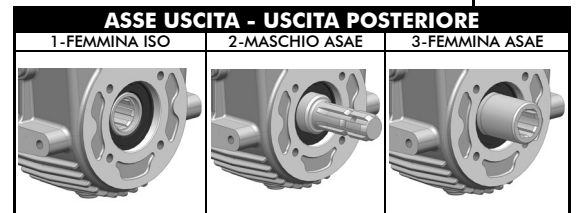
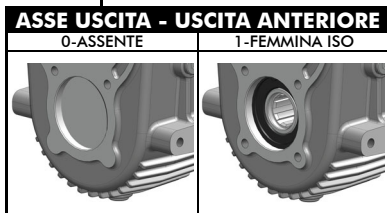
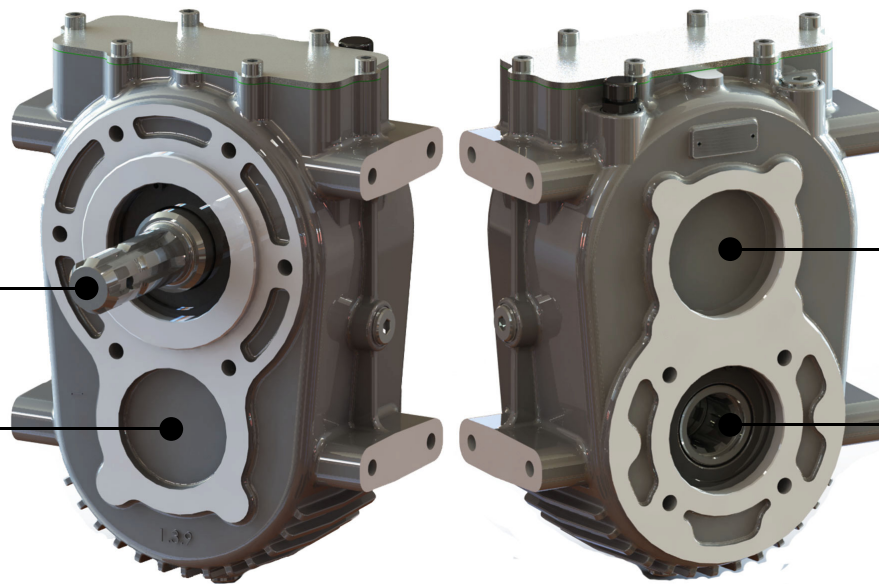
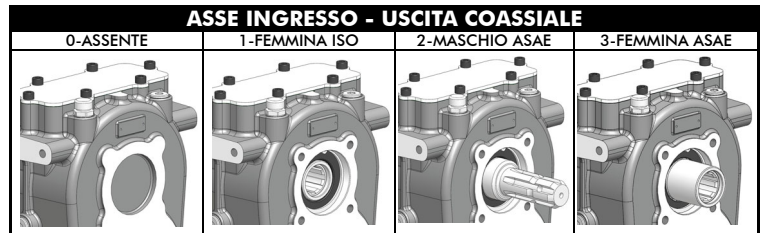
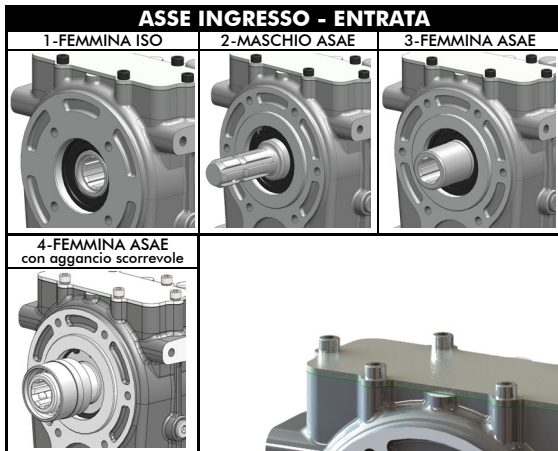
Киргизия +996(312)96-26-47

<https://omfb.nt-rt.ru/> || [oba@nt-rt.ru](mailto:oba@nt-rt.ru)

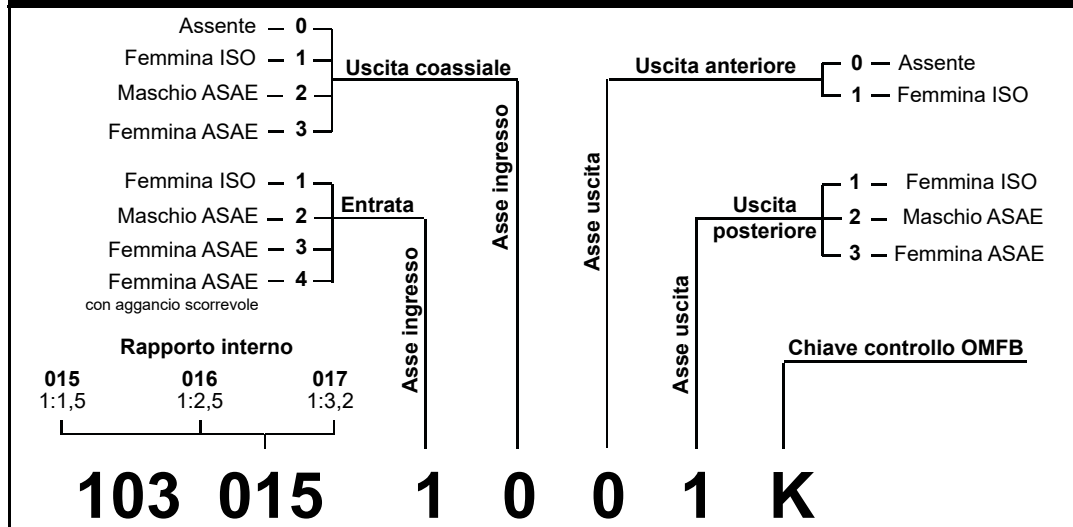
# MULTI-BOX

## VERSIONI DISPONIBILI

99740010315 Rev.: AL

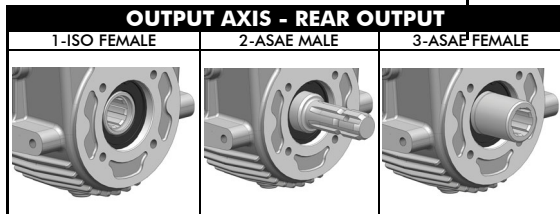
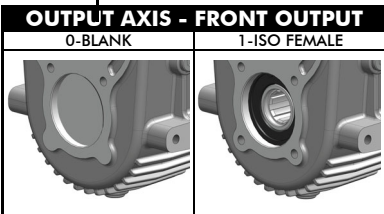
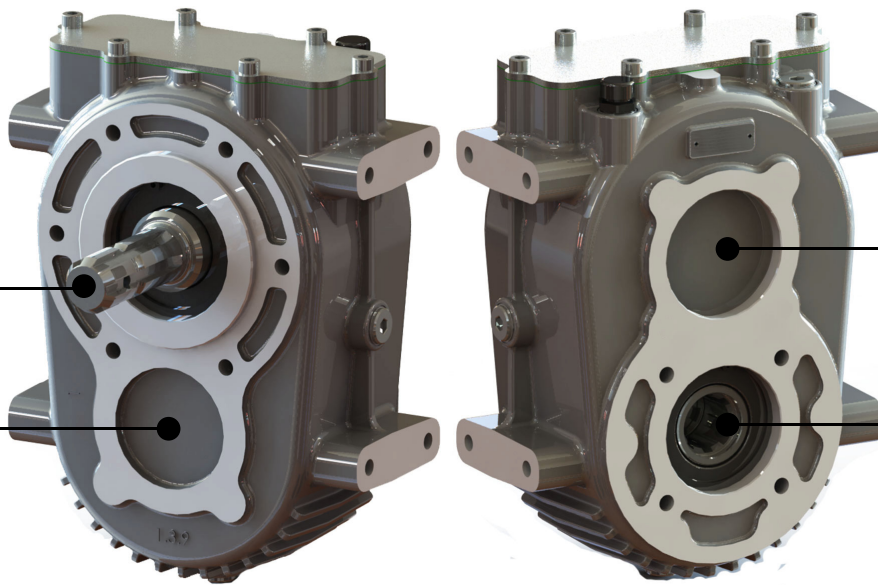
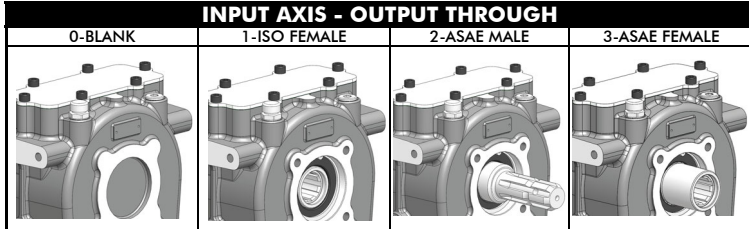
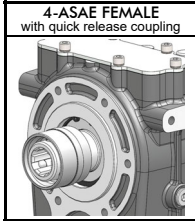
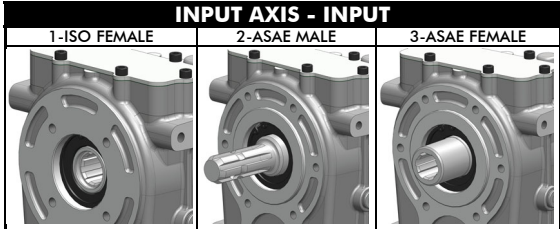


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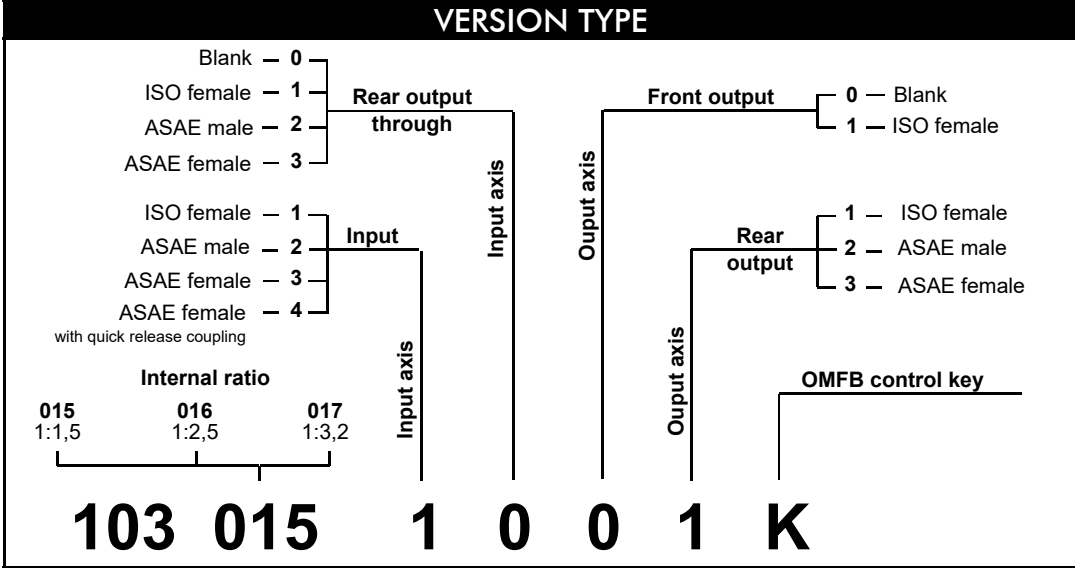


# MULTI-BOX

## AVAILABLE VERSIONS



### VERSION TYPE



# MULTI-BOX

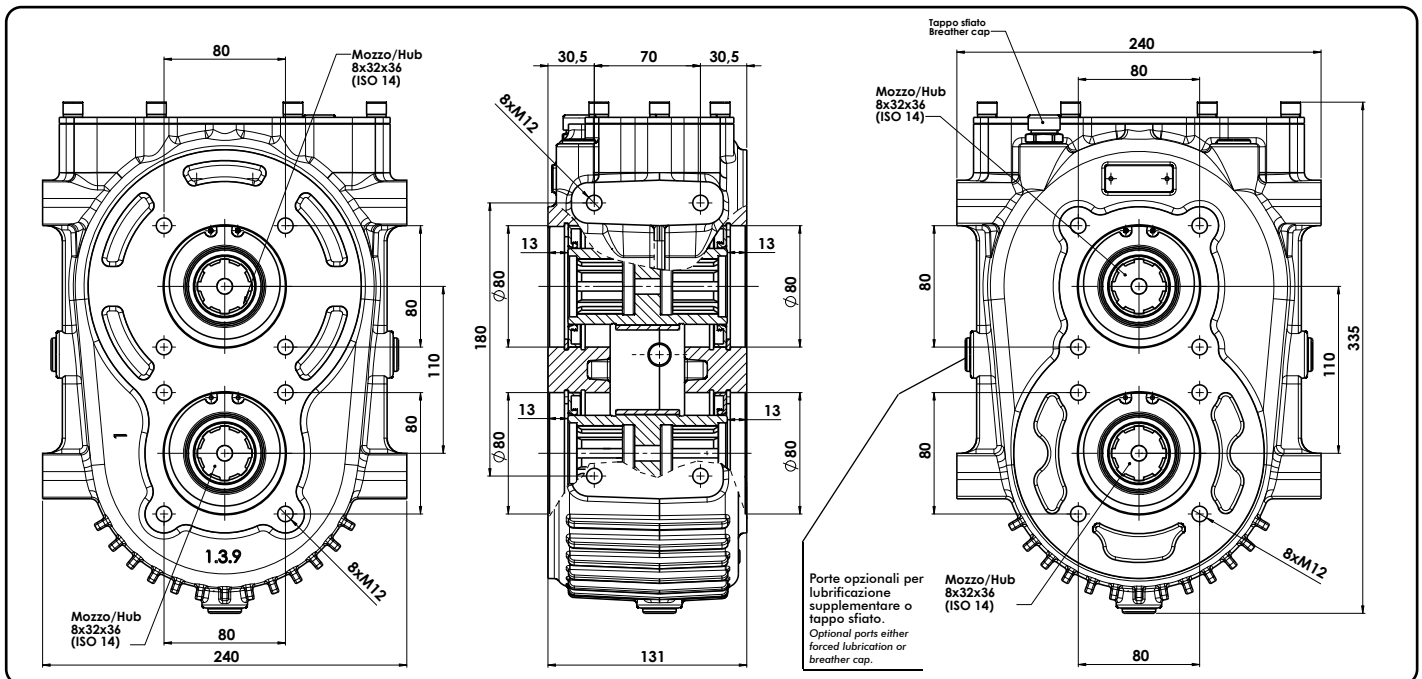
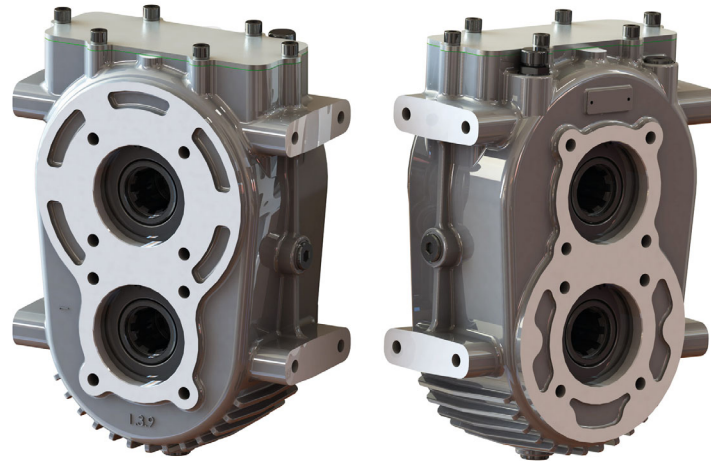
**CODICE  
CODE**

**1030151118**

IN ISO-ISO  
OUT 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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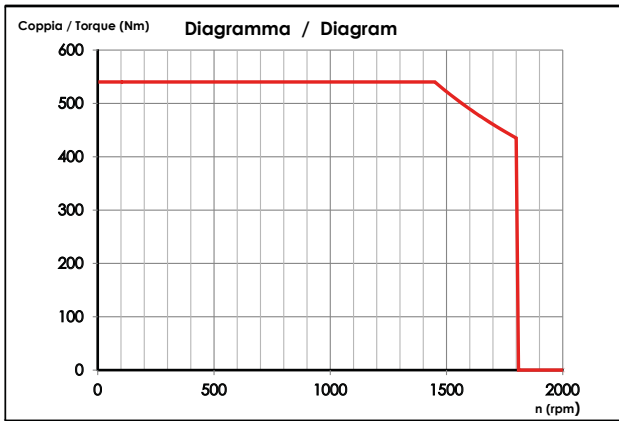
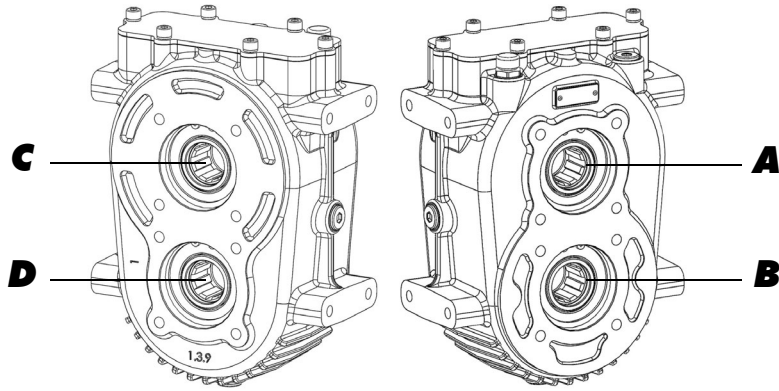


## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| 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                            |                |
| Riduzione<br>Reduction | 1:0,67                             | 810 Nm                                |                       | 1200 rpm                             | 1800 rpm                            |                |

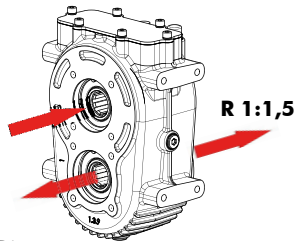
99740010315

99710301503 Rev: //



**UTILIZZO IN MOLTIPLICA**

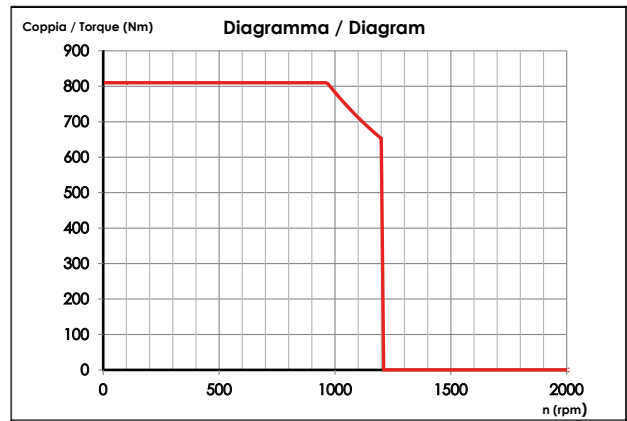
Ingresso A o C  
Uscita B o D (oppure somma di B e D)  
Rapporto 1:1,5  
Potenza massima trasmissibile 82 kW  
n max IN : 1200 rpm  
n max OUT: 1800 rpm  
C max OUT: 540 Nm



Esempio  
Example

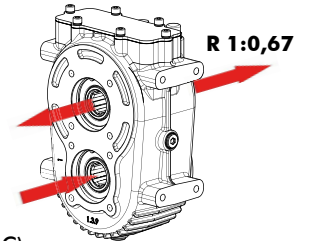
USE as **STEP-UP** function

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



**UTILIZZO IN RIDUZIONE**

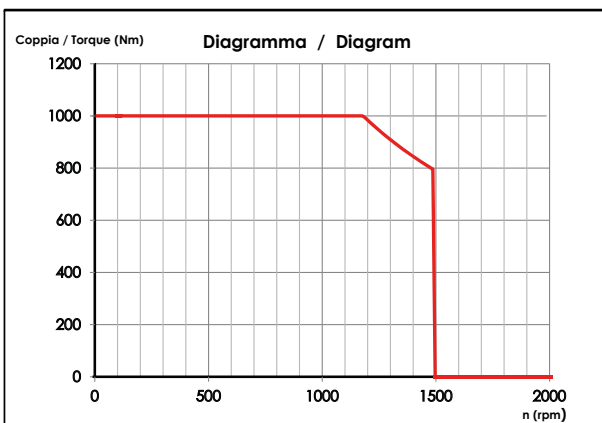
Ingresso B o D  
Uscita A o C (oppure somma di A e C)  
Rapporto 1:0,67  
Potenza massima trasmissibile 82 kW  
n max IN : 1800 rpm  
n max OUT: 1200 rpm  
C max OUT: 810 Nm



Esempio  
Example

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

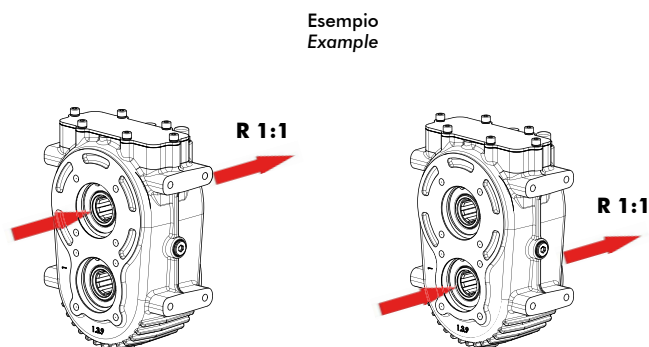


**UTILIZZO PASSANTE**

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

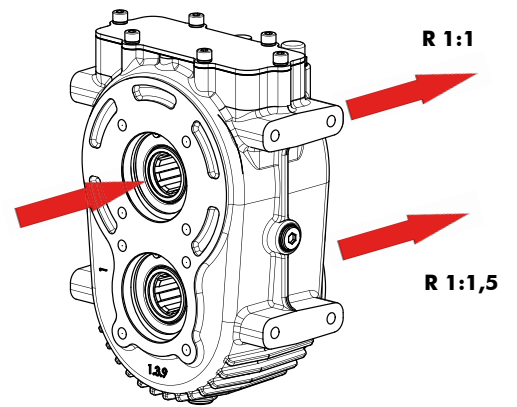
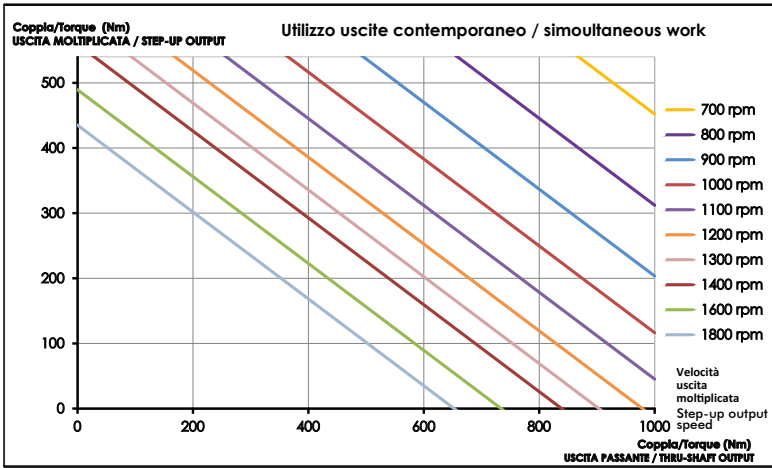
Use as **THRU-SHAFT** function

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

99740010315



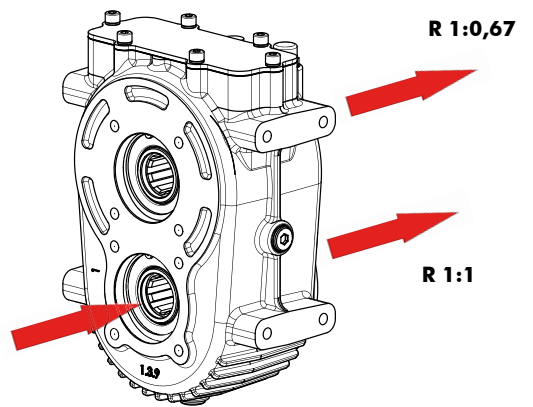
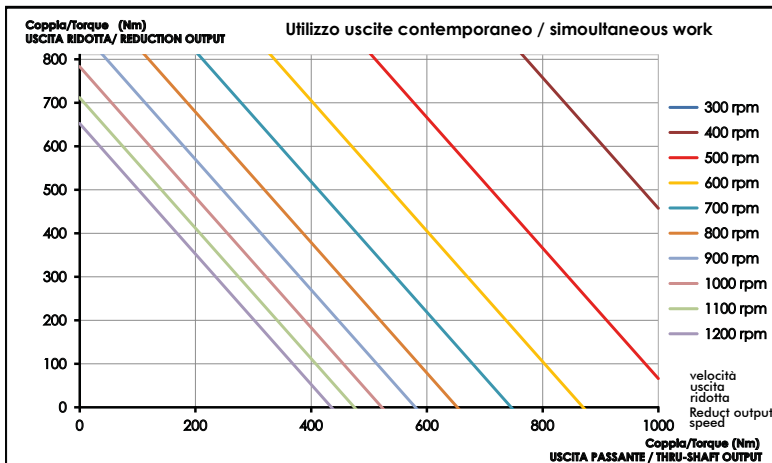
**Utilizzo CONTEMPORANEO**

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

99710301503 Rev: //



**Utilizzo CONTEMPORANEO**

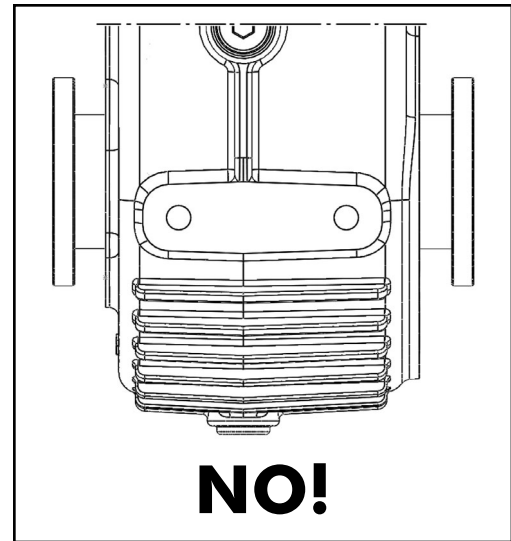
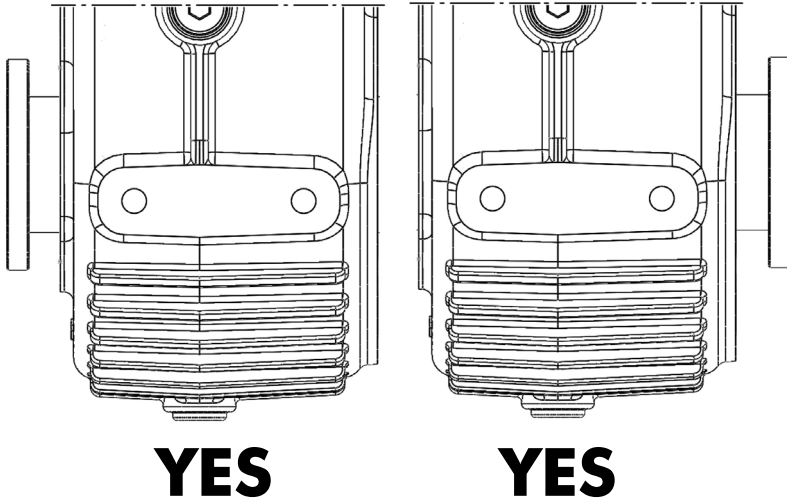
Ingresso B o D  
Uscita B o D e contemporaneamente A o C (o somma A+C)  
Potenza massima 82 kW

**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.

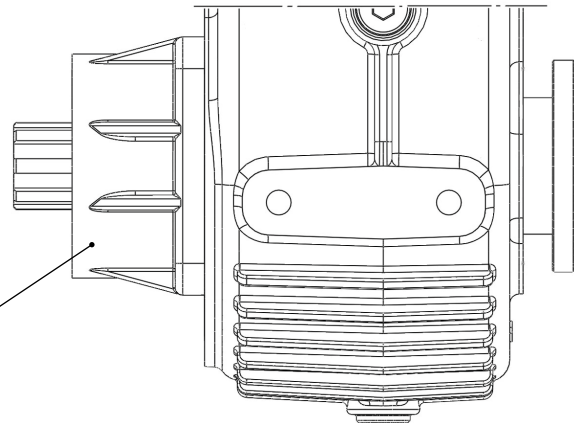


Per l'eventuale montaggio della 2<sup>a</sup> flangia, è possibile utilizzare l'adattatore ns. codice 09902800153, facendo attenzione a rimuovere il **paraolio del MULTIBOX** prima del montaggio.

*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



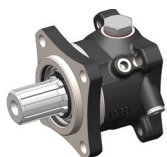
YES

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**

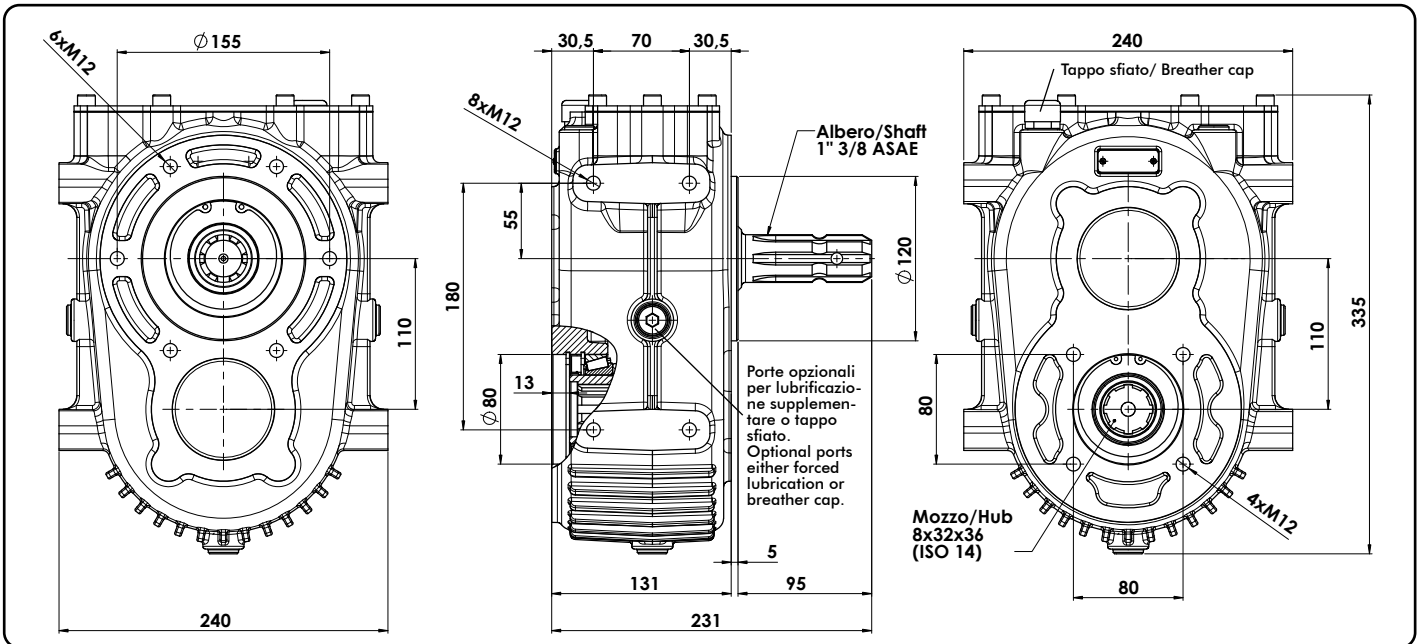
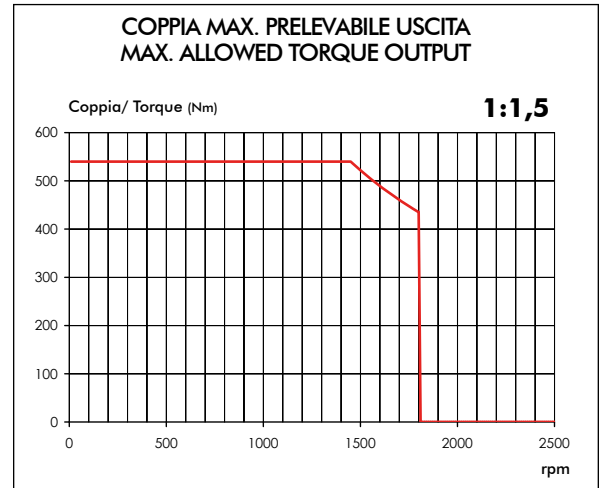
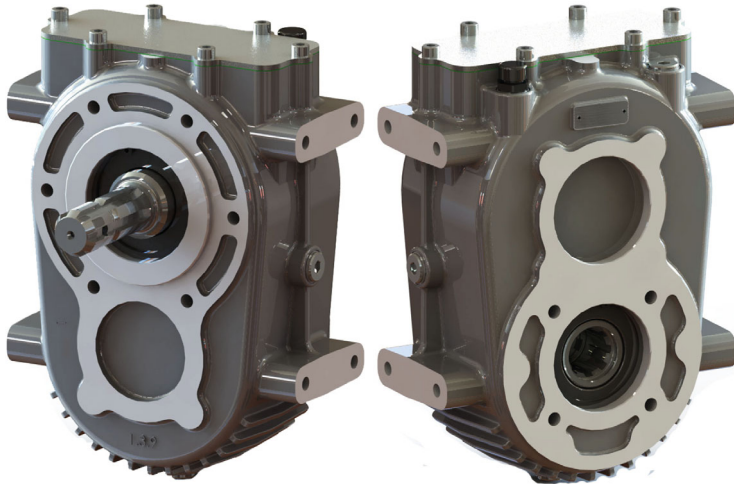
**10301520019**

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

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99740010315



## 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          |

99710301501 Rev: //



# MULTI-BOX

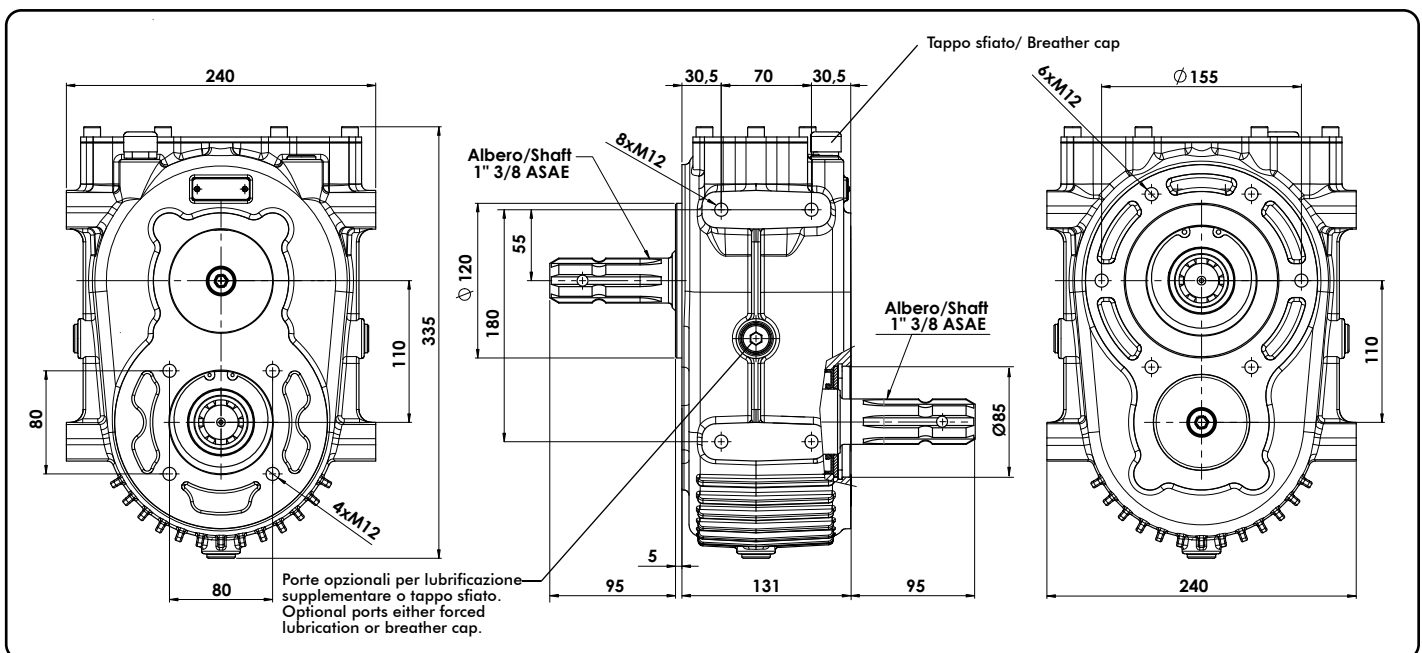
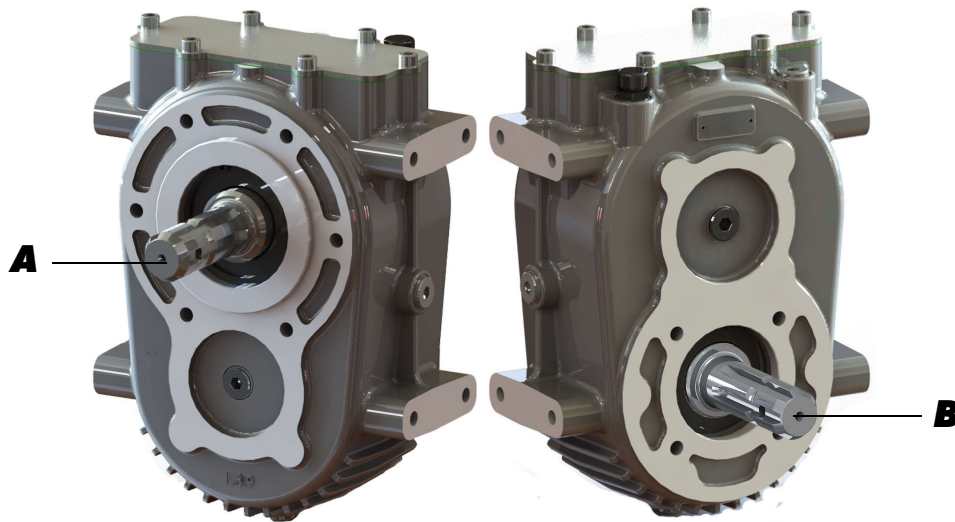
**CODICE  
CODE**

**10301520028**

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

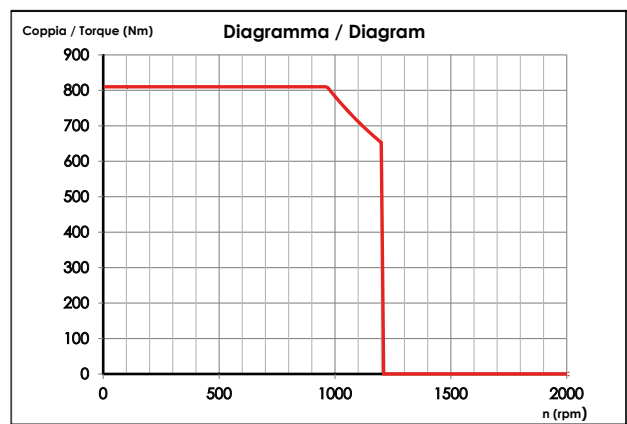
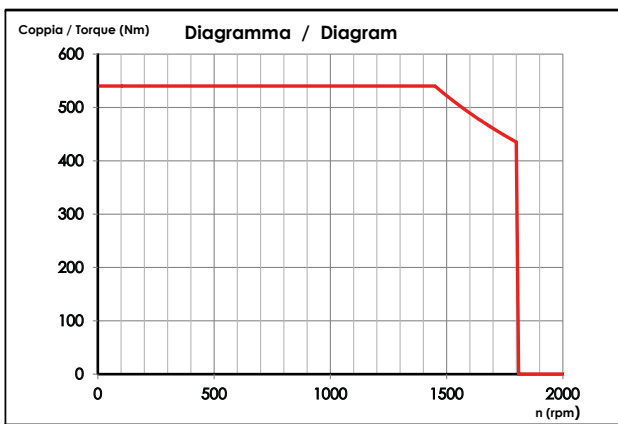
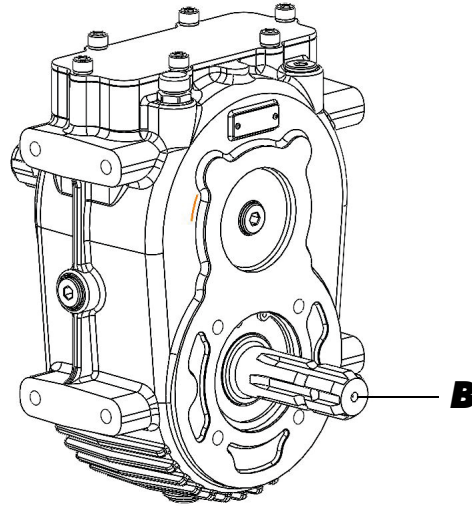
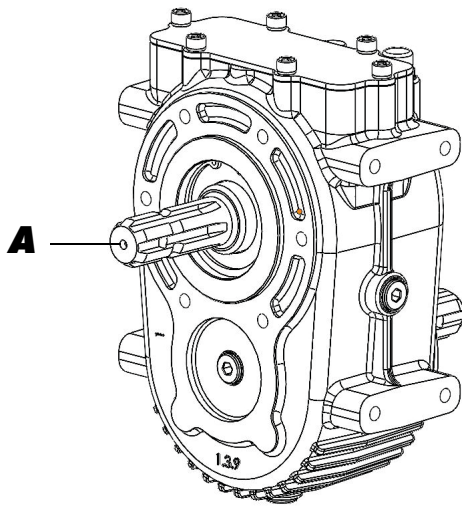
Il MULTI-BOX è un moltiplicatore compatto ad alta coppia sviluppato per impiego in ambito agricolo ma molto versatile anche per applicazioni su veicoli industriali. Il corpo monoblocco in alluminio, concepito per permettere il montaggio in qualunque posizione, conferisce un'elevata resistenza meccanica 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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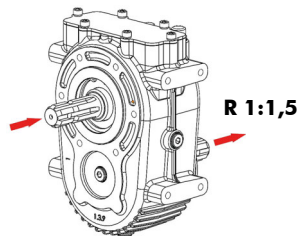
## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

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



**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



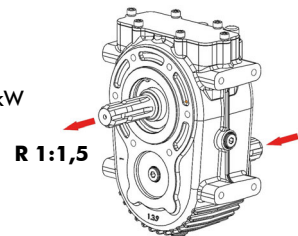
Esempio  
Example

**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

**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



Esempio  
Example

**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

# MULTI-BOX

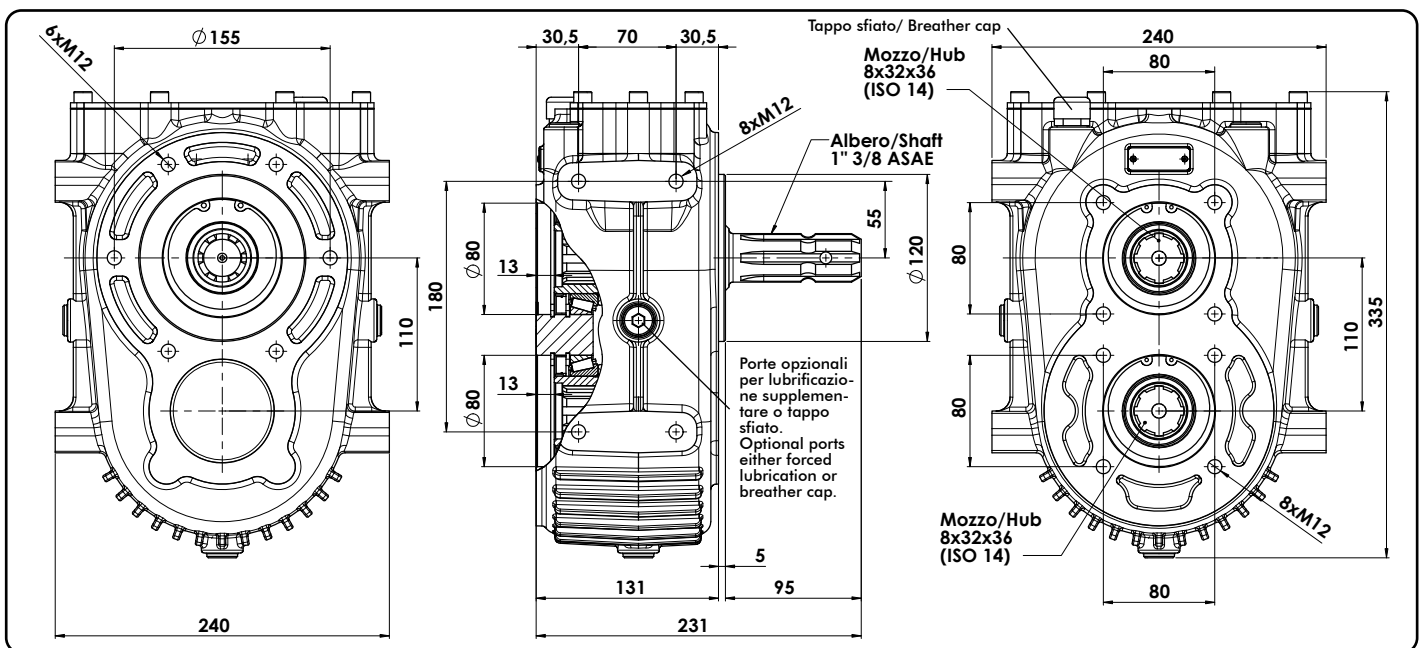
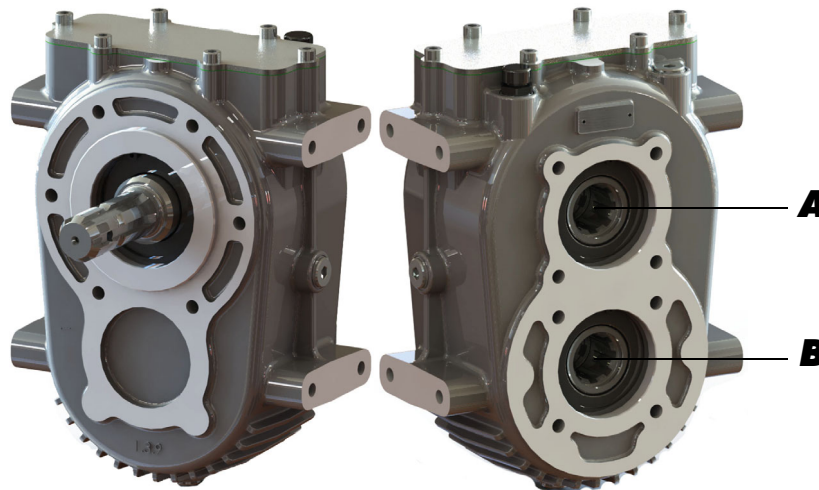
**CODICE  
CODE**

**10301521018**

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

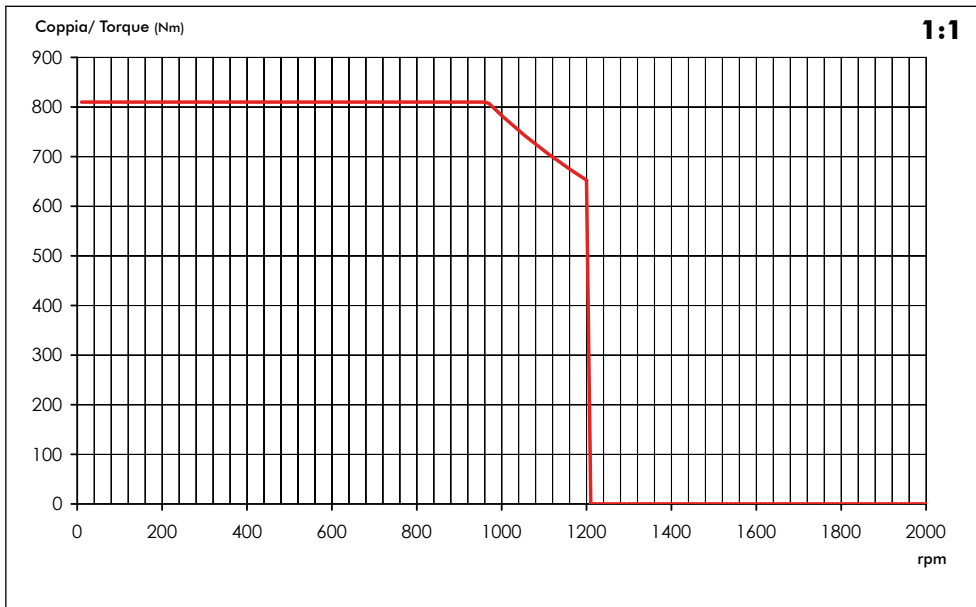
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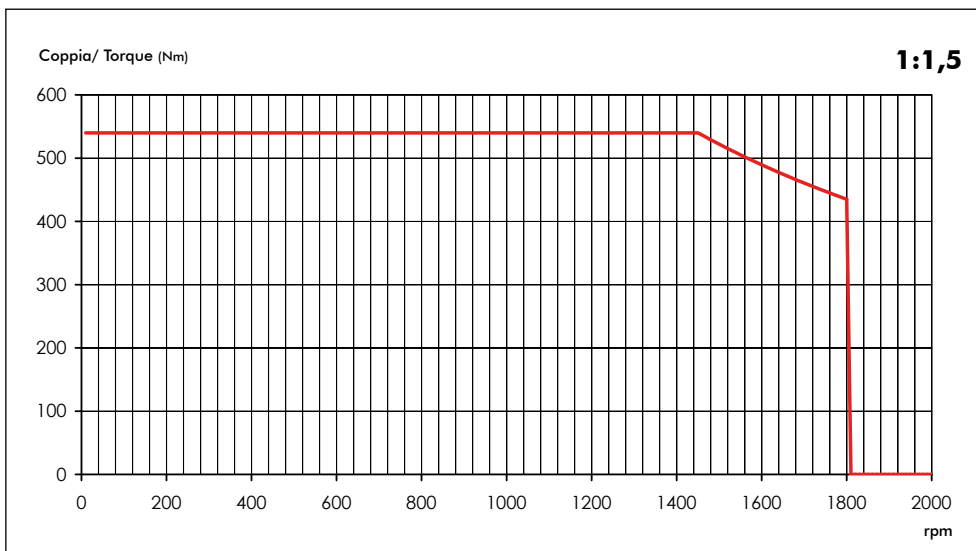


## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

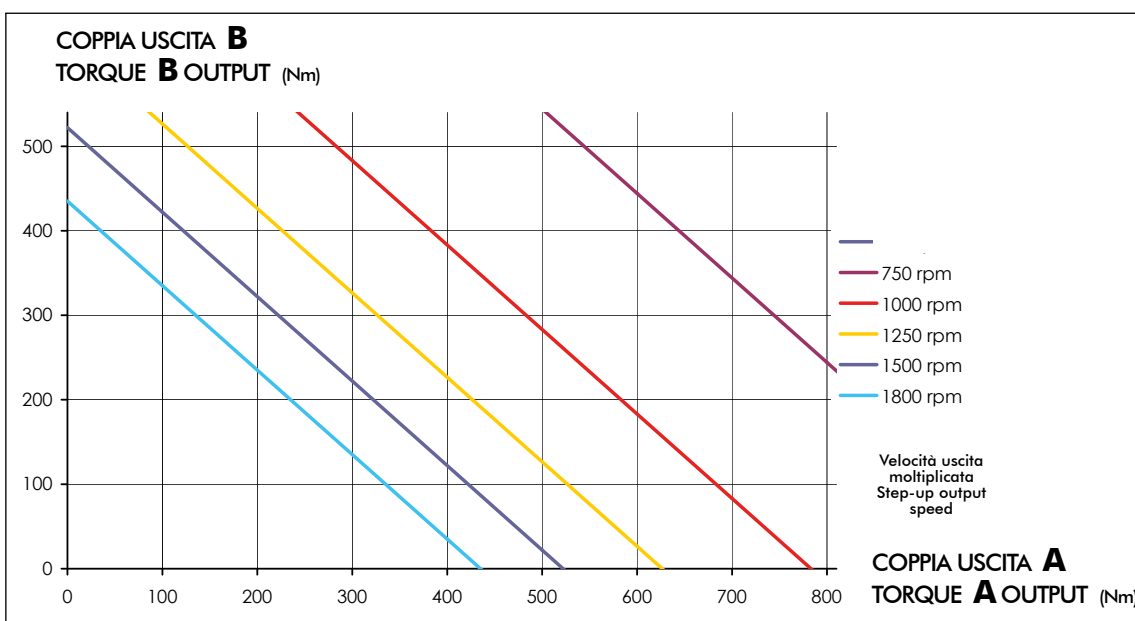
|          | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|----------|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| <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                            |                |



**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

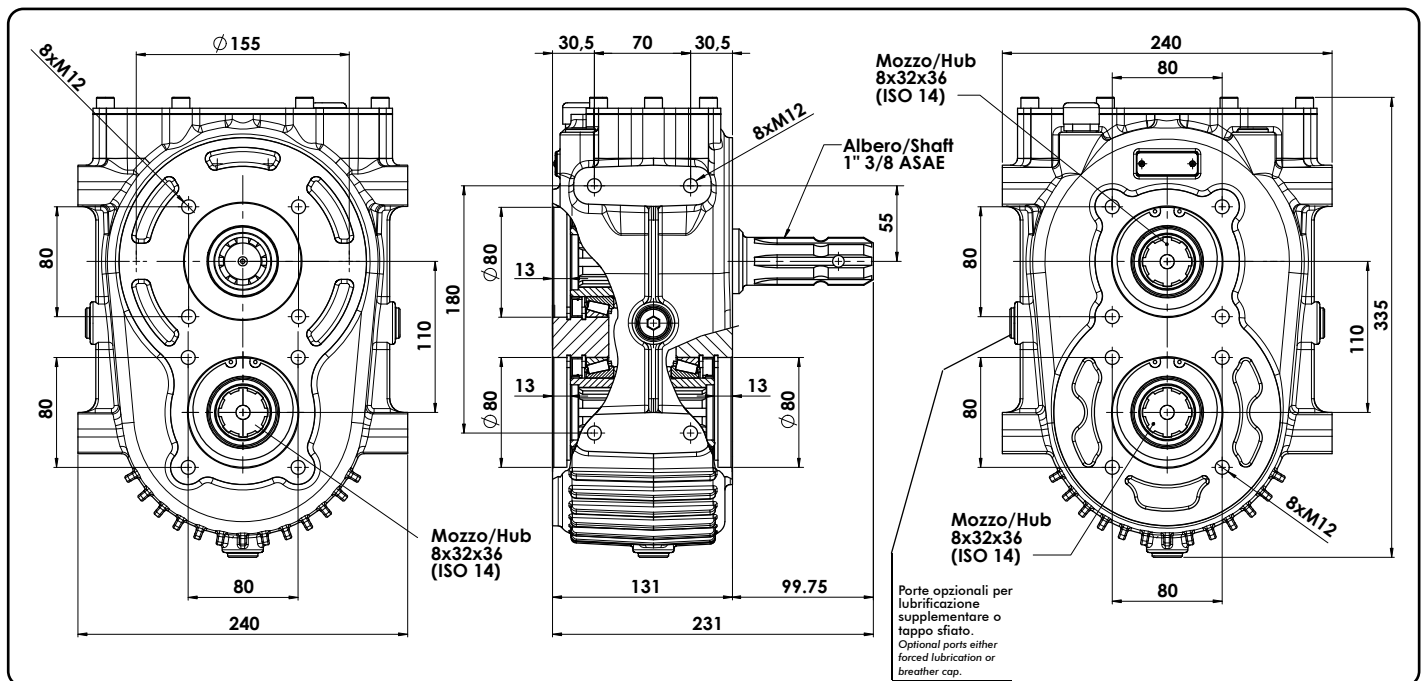
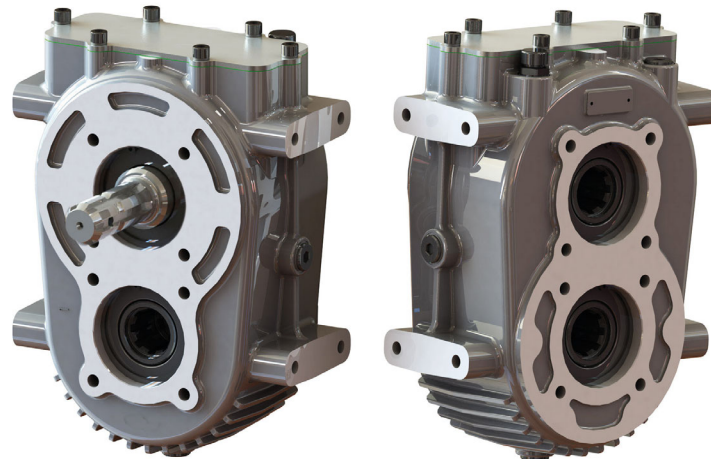
**CODICE  
CODE**

**10301521116**

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

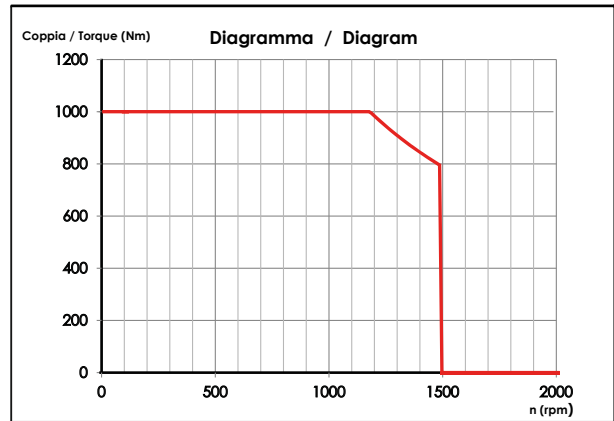
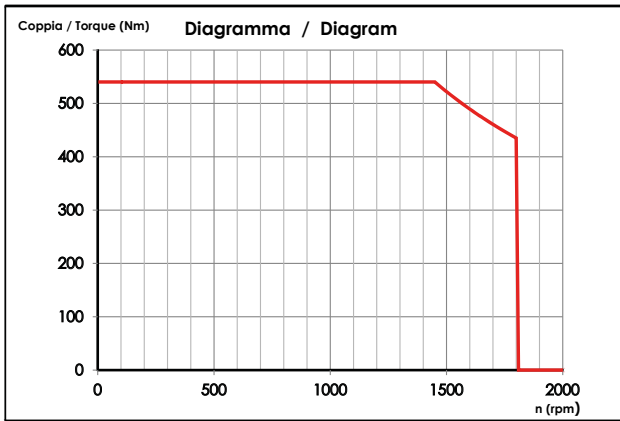
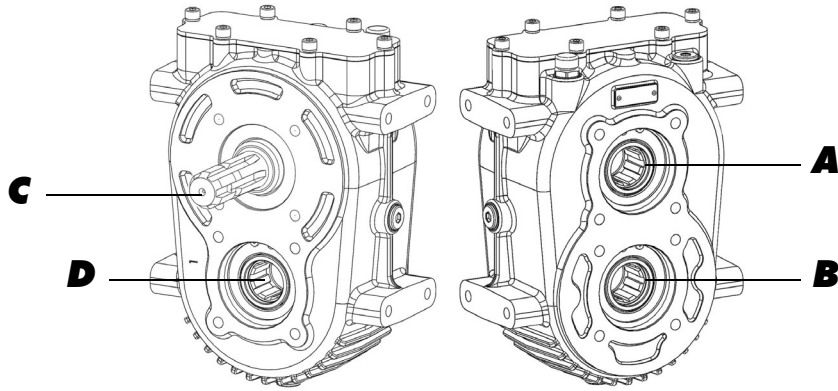
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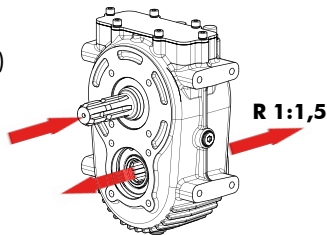
## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| 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



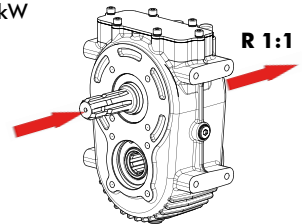
Esempio  
 Example

**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

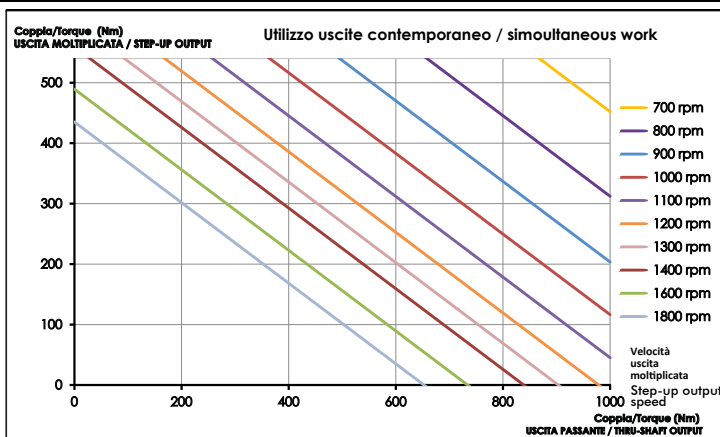
**UTILIZZO PASSANTE**

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

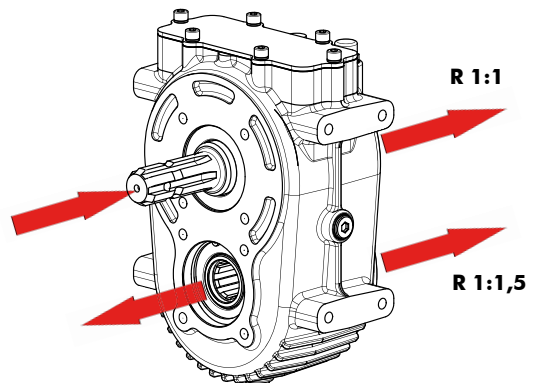


**Utilizzo CONTEMPORANEO**

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

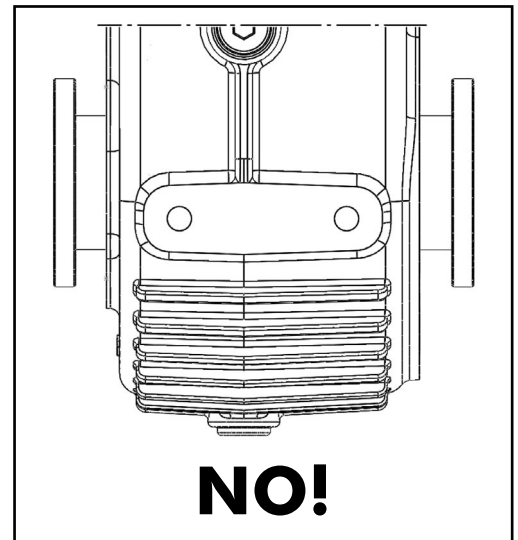
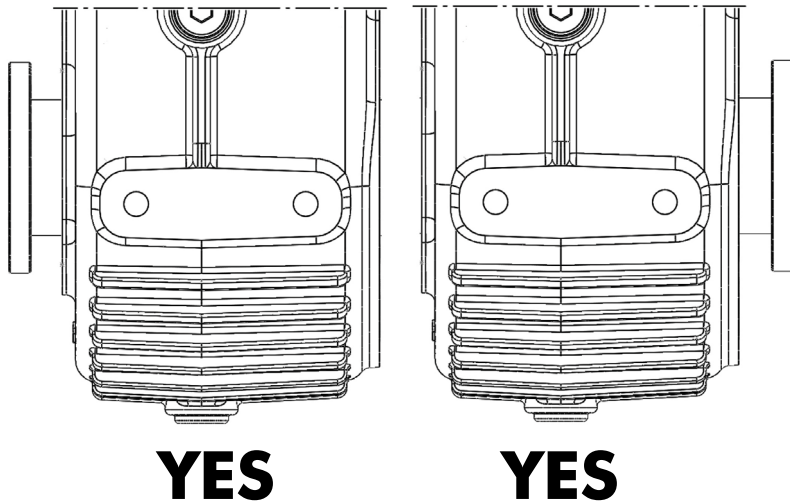
**SIMULTANEOUS use**

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.



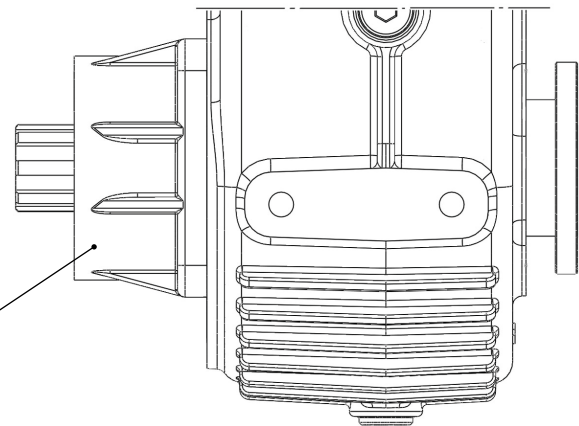
99740010315

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

99710301504 Rev: //

# MULTI-BOX

**CODICE  
CODE**

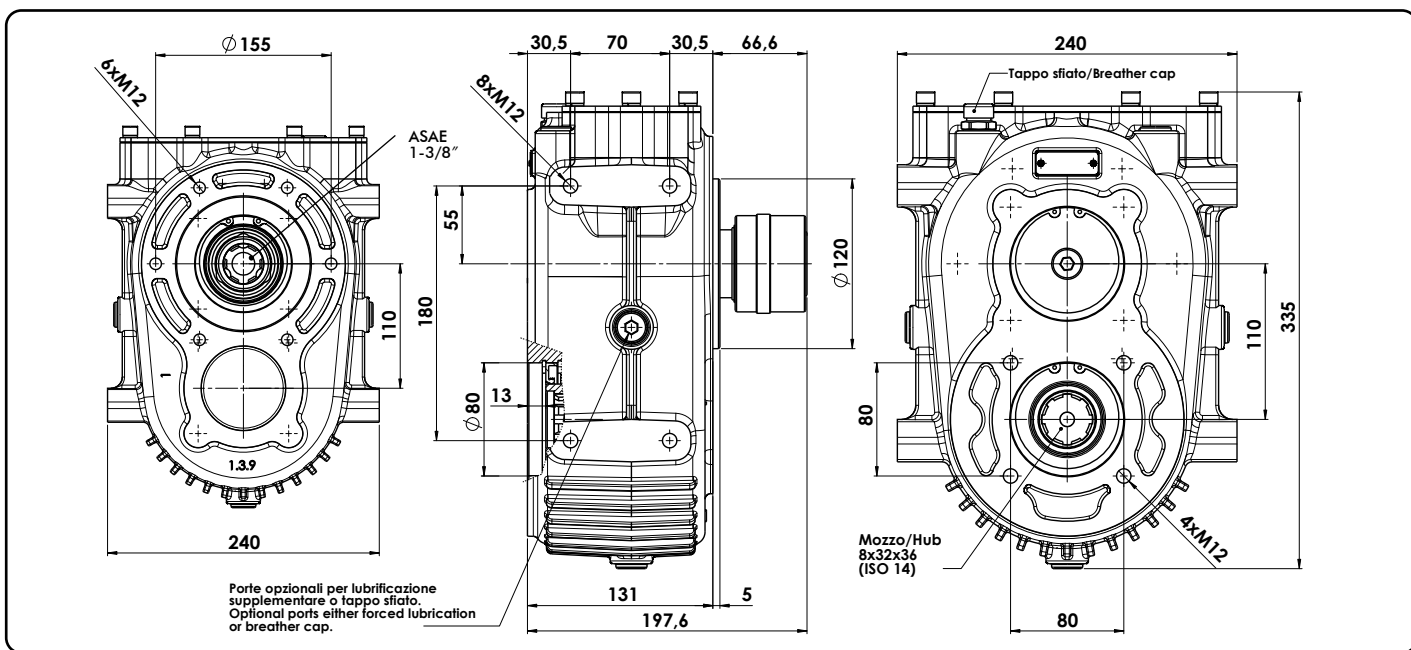
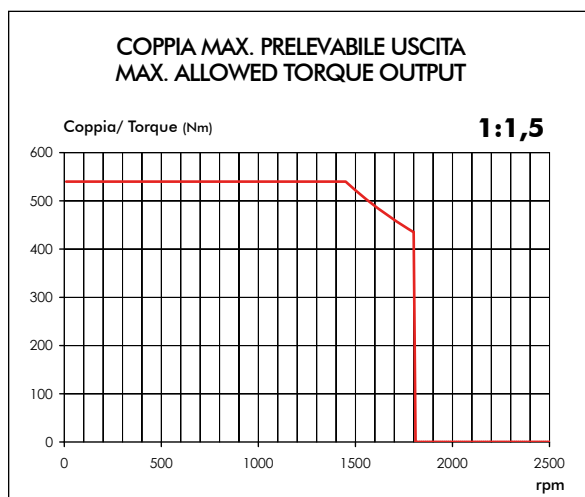
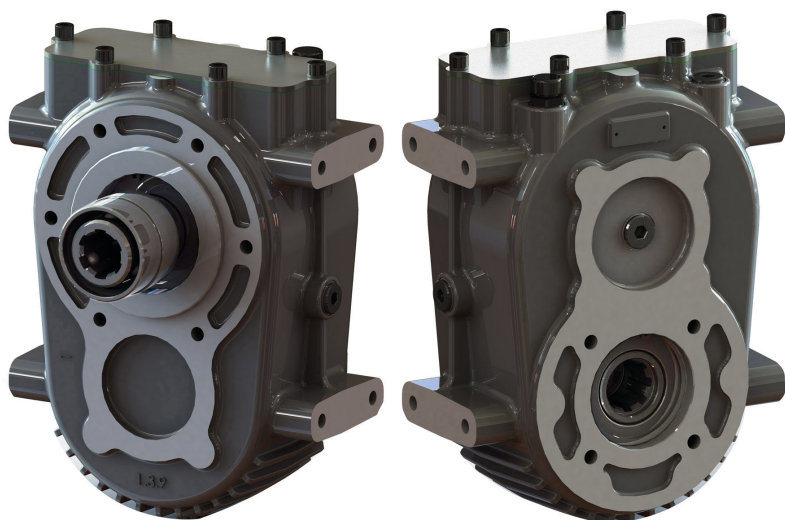
**10301540015**

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

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99740010315



## 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          |

99710301505 Rev: //



# MULTI-BOX

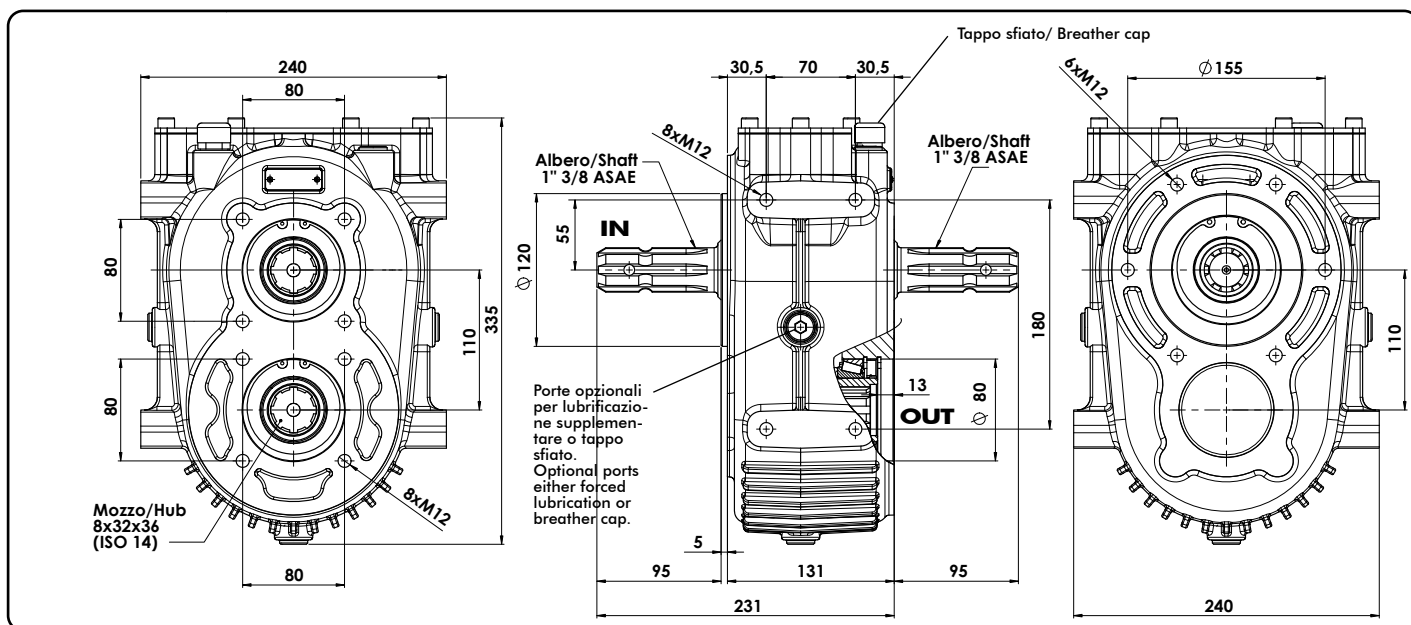
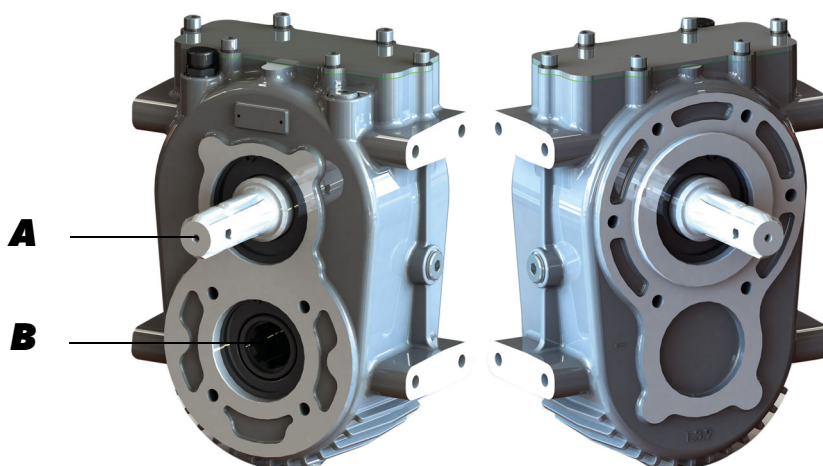
**CODICE  
CODE**

**10301522017  
10301622016**

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

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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES 10301522017

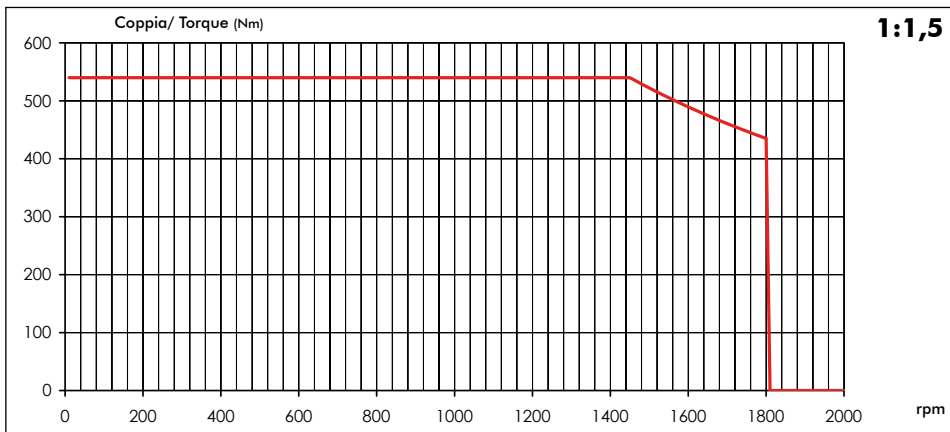
|          | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed (OUT) | Velocità max.<br>Max. speed (IN) | Peso<br>Weight |
|----------|------------------------------------|---------------------------------------|-----------------------|-----------------------------------|----------------------------------|----------------|
| <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                         |                |

## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES 10301622016

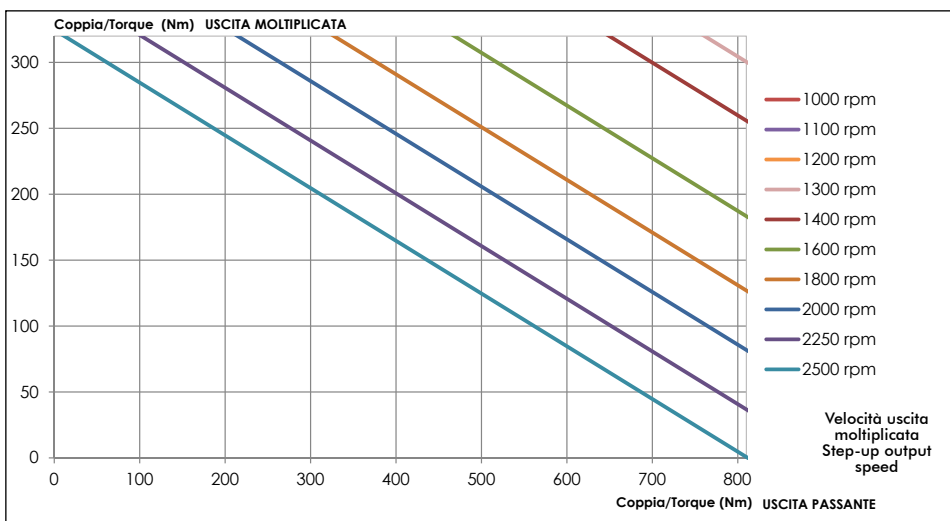
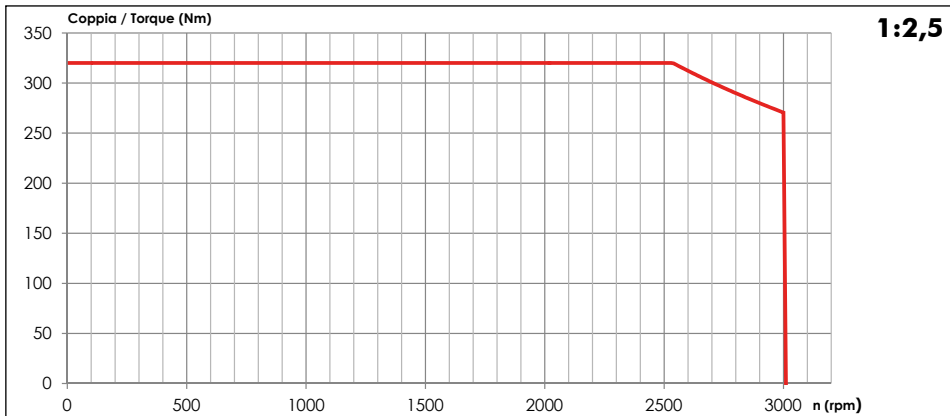
|          | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed (OUT) | Velocità max.<br>Max. speed (IN) | Peso<br>Weight |
|----------|------------------------------------|---------------------------------------|-----------------------|-----------------------------------|----------------------------------|----------------|
| <b>A</b> | 1:1                                | 810 Nm                                | 82 kW                 | 1200 rpm                          | 1200 rpm                         | 18 Kg          |
| <b>B</b> | 1:2,5                              | 320 Nm                                |                       | 3000 rpm                          | 1200 rpm                         |                |



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**

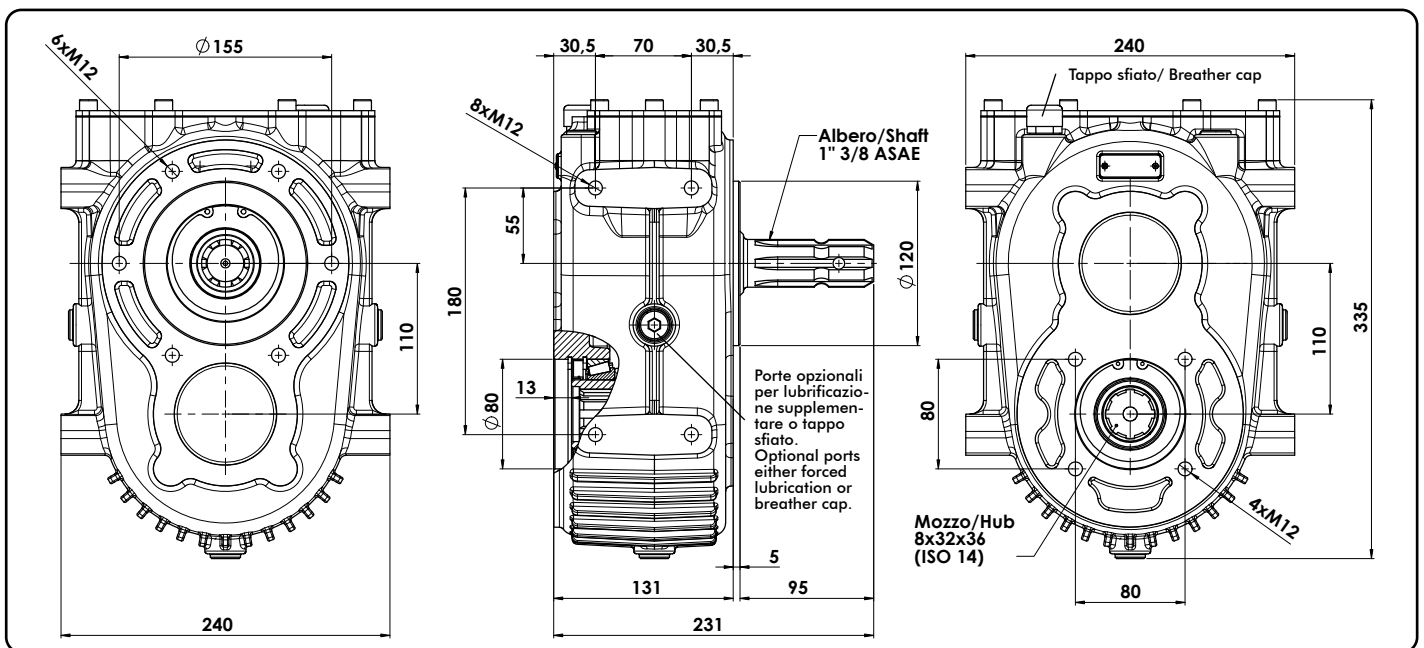
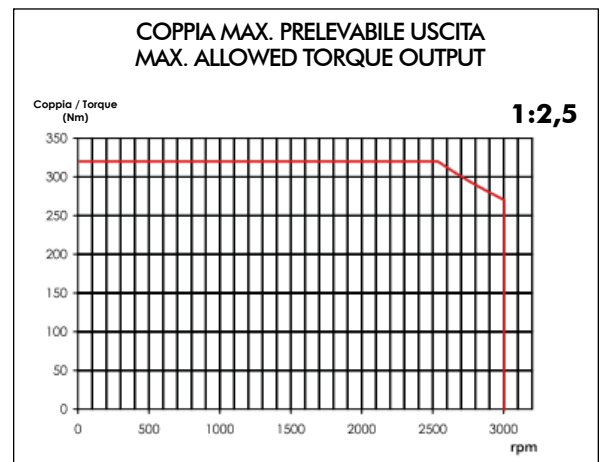
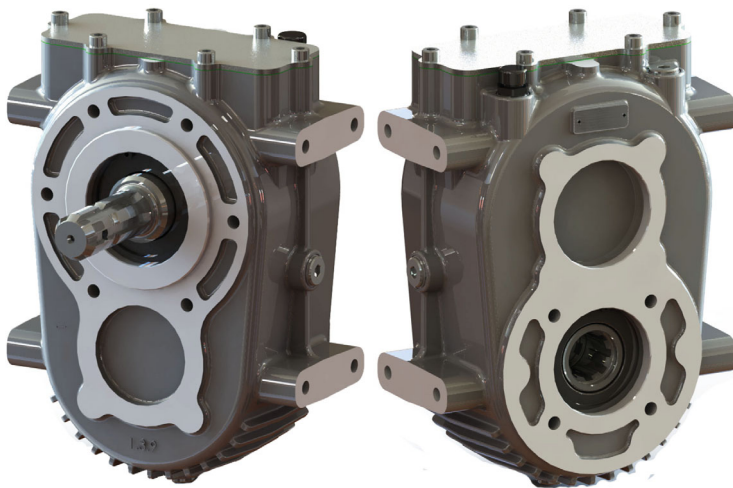
**10301620018**

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

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99740010315



## 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          |

99710301601 Rev: //

# MULTI-BOX

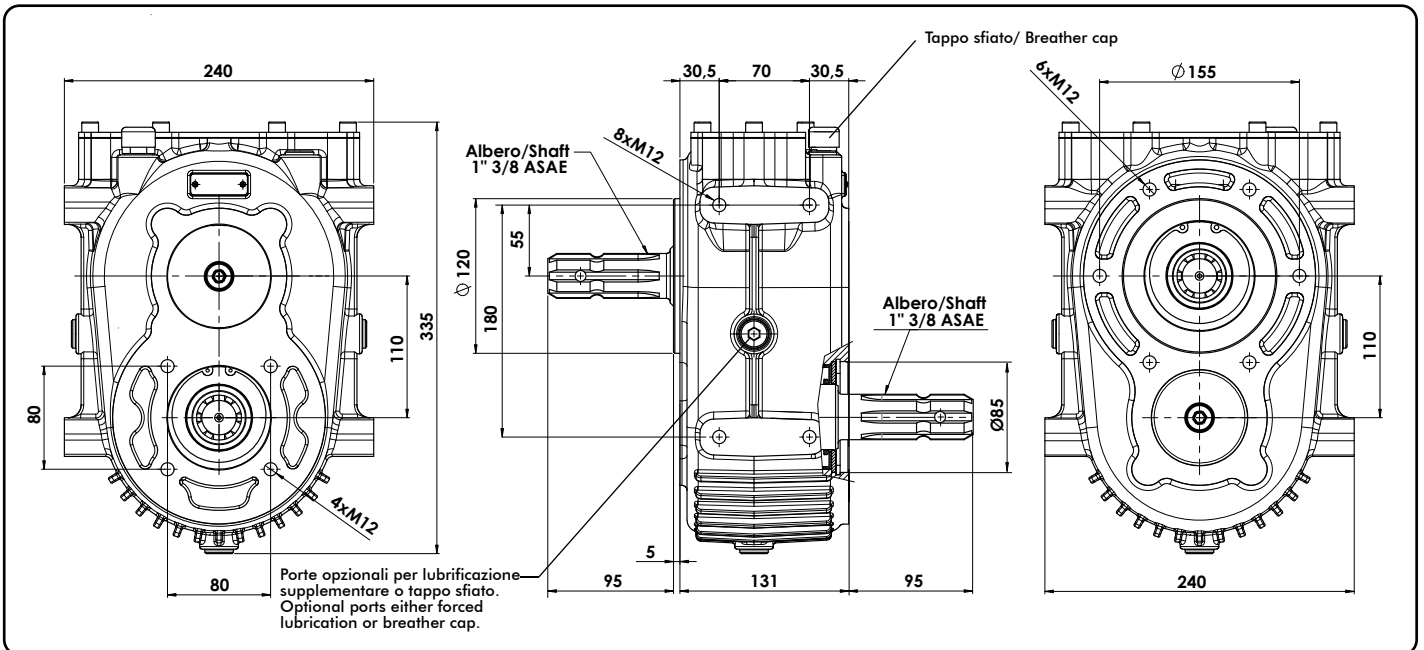
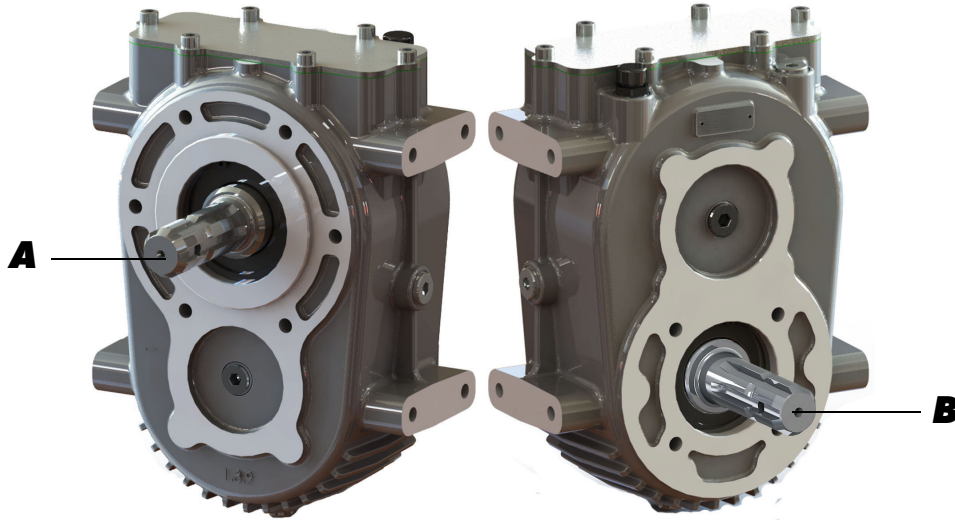
**CODICE  
CODE**

**10301620027**

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

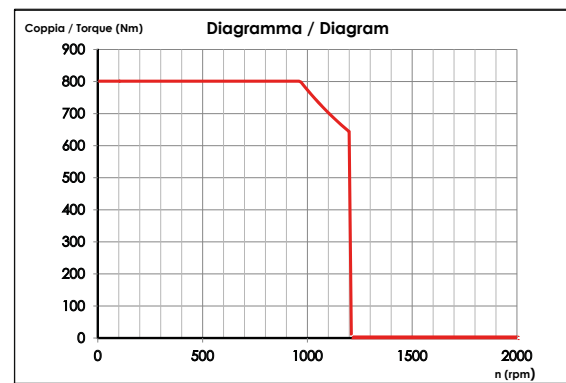
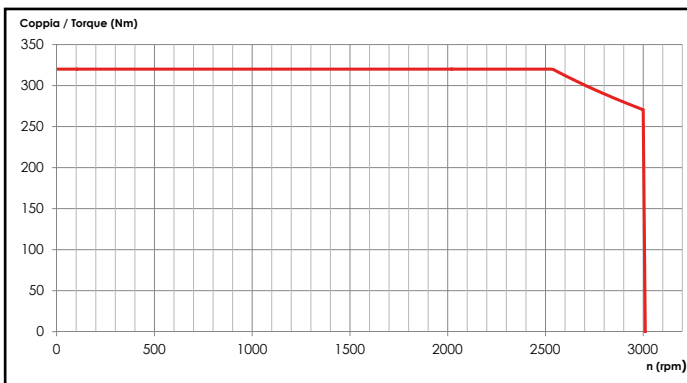
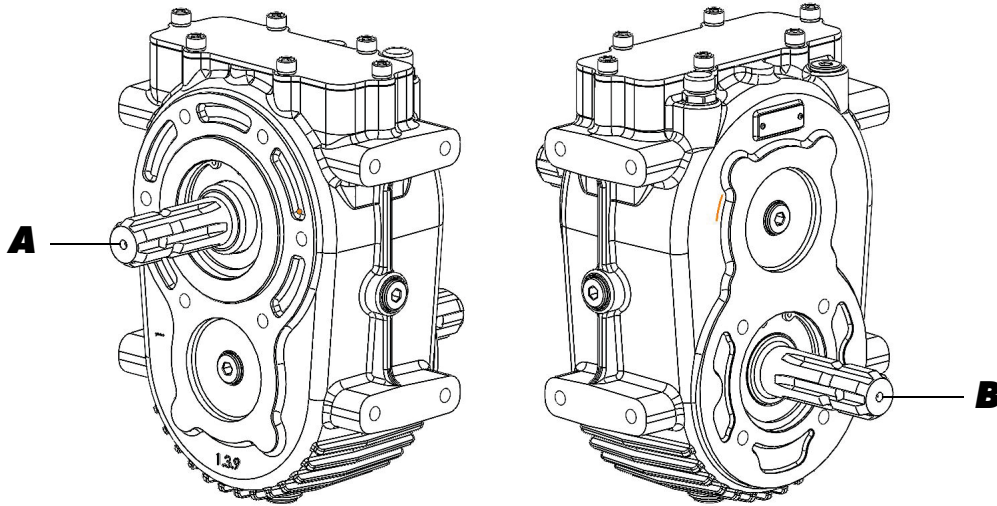
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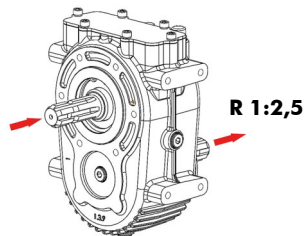
## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| 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 |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 1:2,5                              | 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



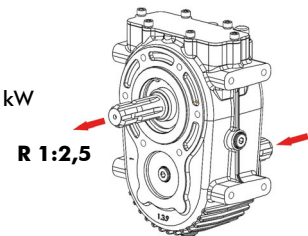
Esempio  
 Example

**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



Esempio  
 Example

**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

# MULTI-BOX

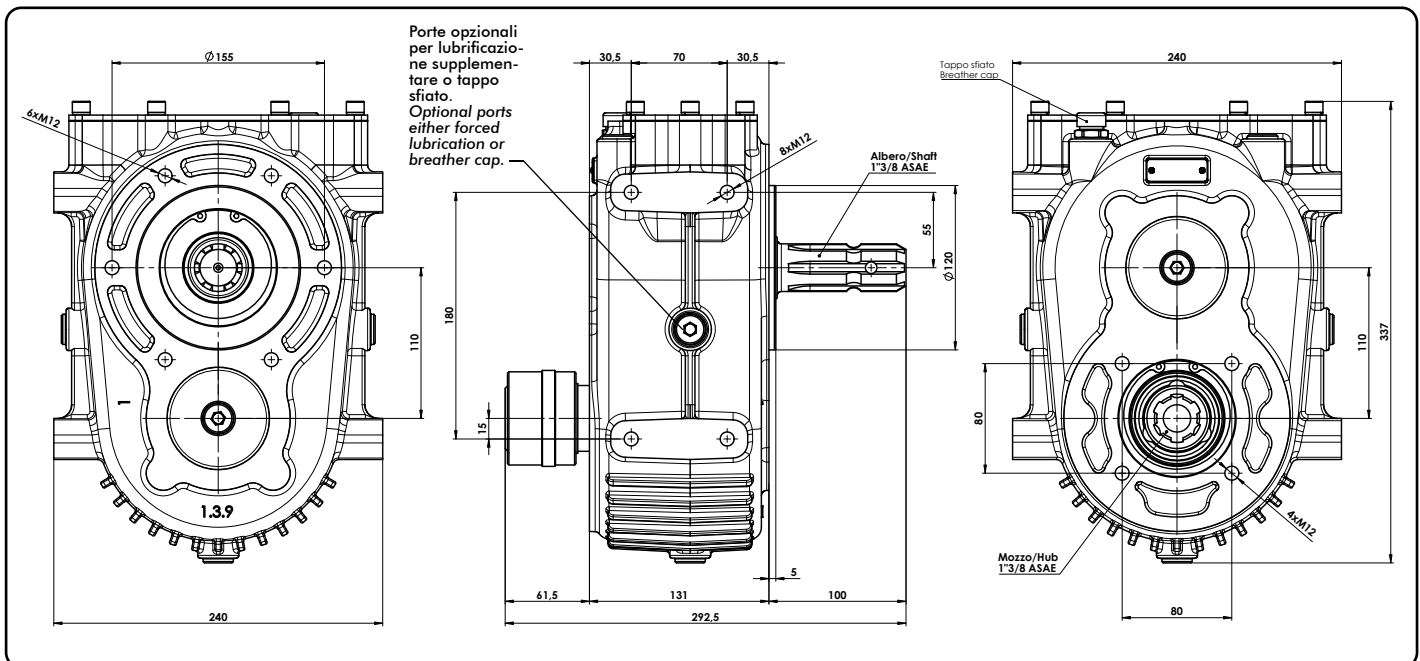
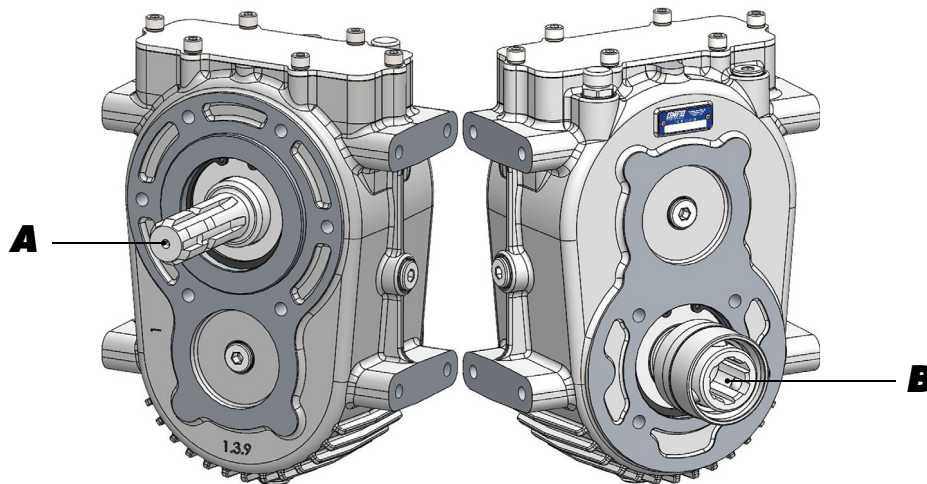
**CODICE  
CODE**

**10301620036**

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

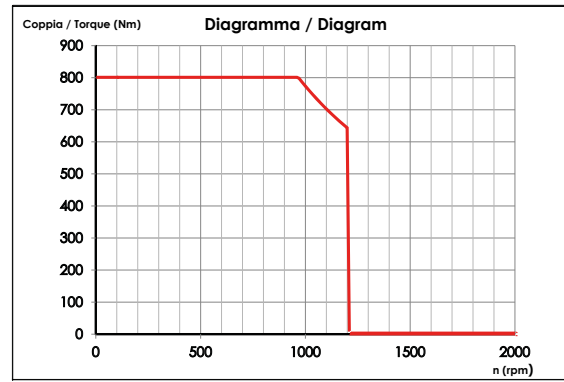
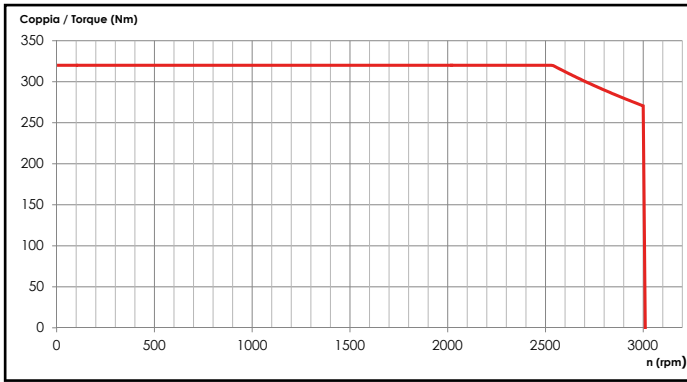
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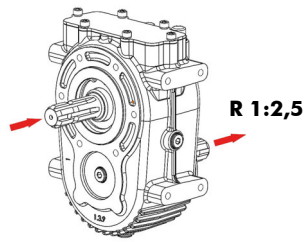
## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

| 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 |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| <b>1:2,5</b>                       | <b>320 Nm</b>                         | <b>82 kW</b>          | <b>3000 rpm</b>                      | <b>1200 rpm</b>                     | <b>18 Kg</b>   |



**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



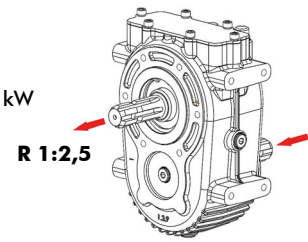
Esempio  
 Example

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



Esempio  
 Example

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

# MULTI-BOX

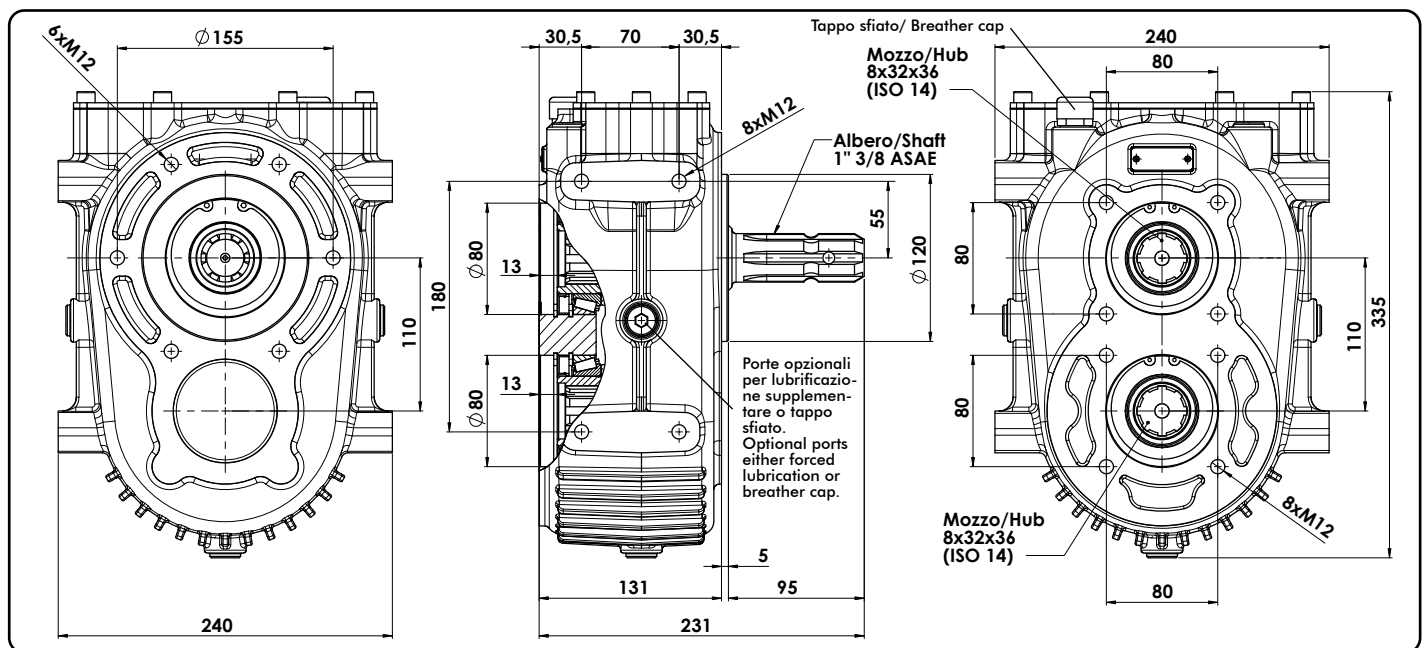
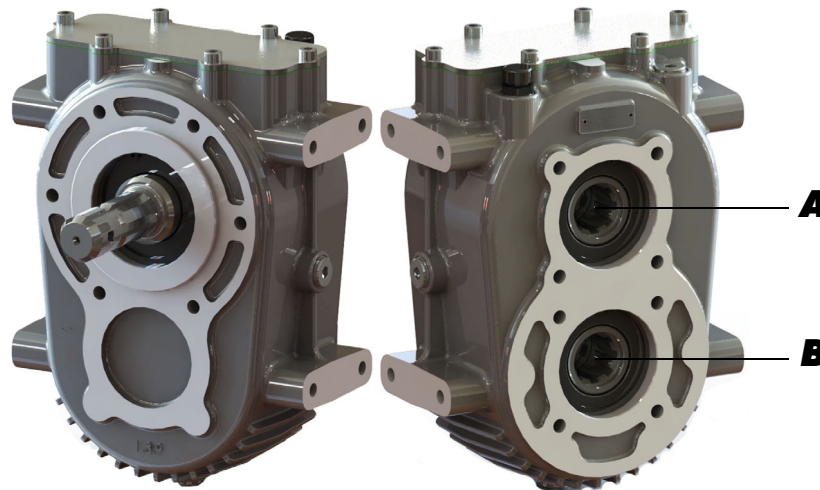
**CODICE  
CODE**

**10301621017**

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

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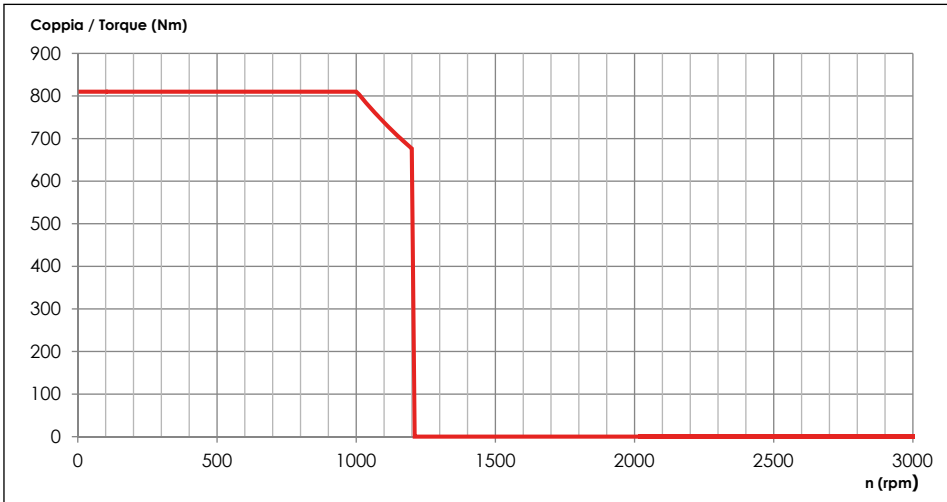
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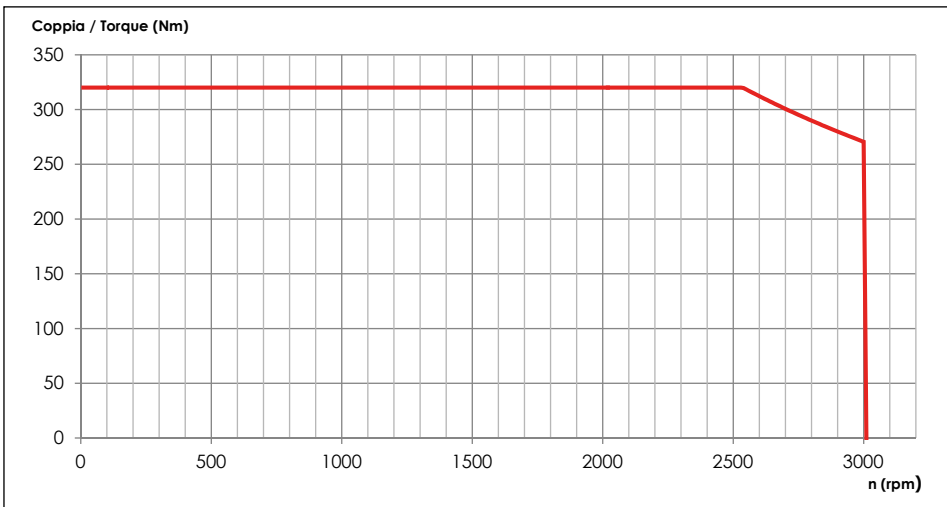
## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

|          | 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                            |                |

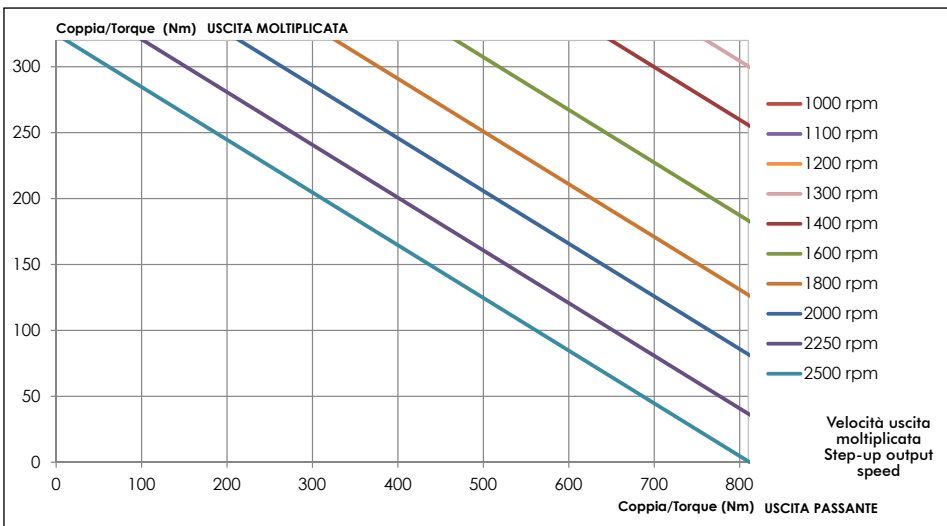




COPPIA MAX. PRELEVABILE  
**USCITA A**  
 MAX. ALLOWED TORQUE  
**A OUTPUT**



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



UTILIZZO SIMULTANEO  
 SIMULTANEOUS WORK

# MULTI-BOX

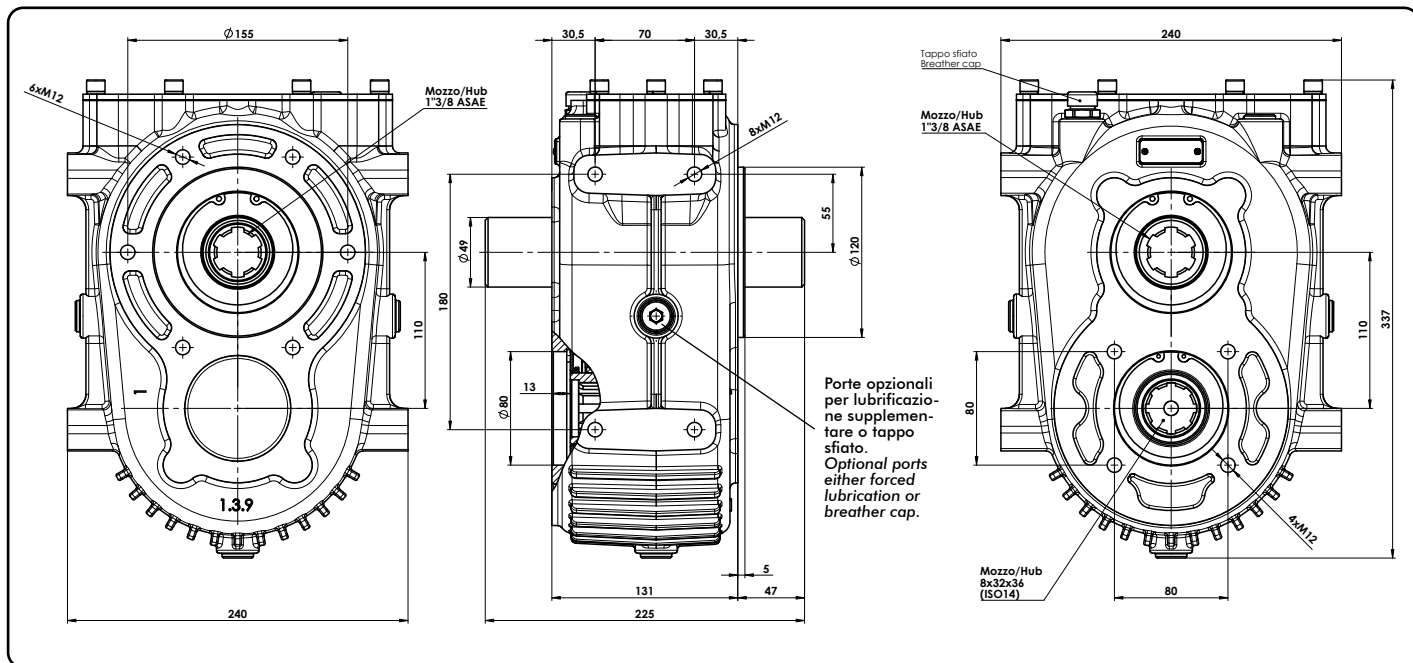
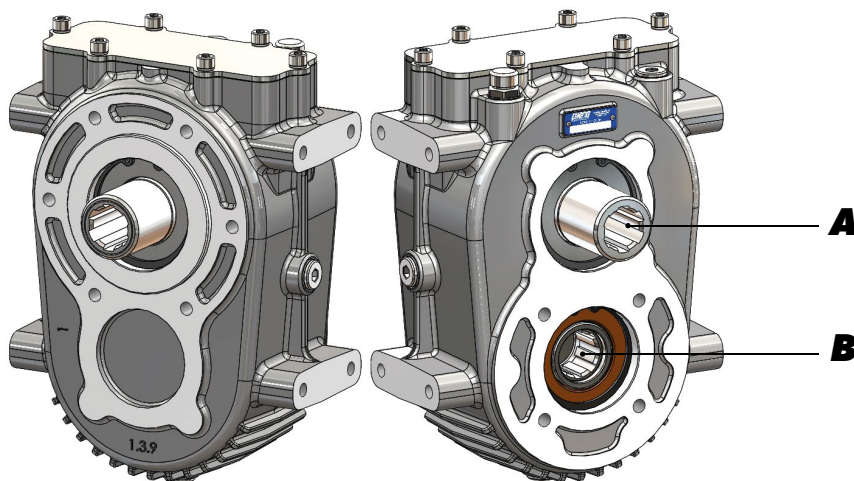
**CODICE  
CODE**

**10301633013**

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

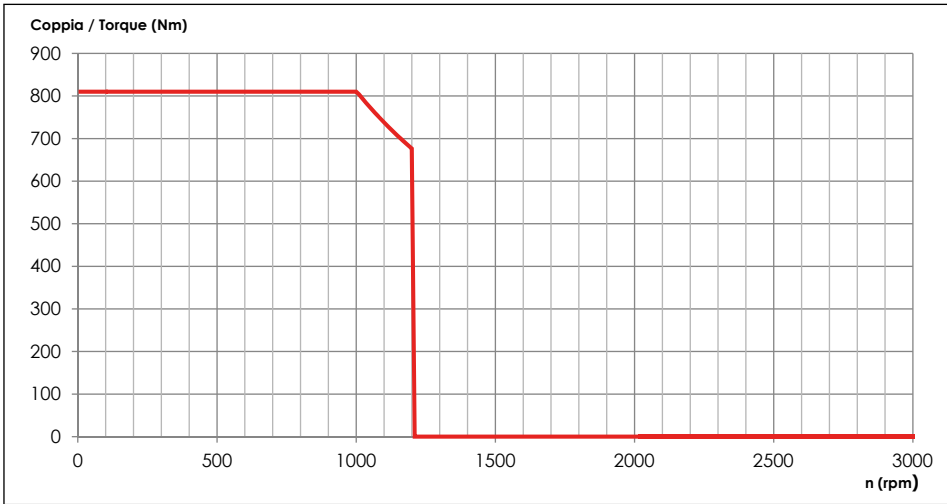
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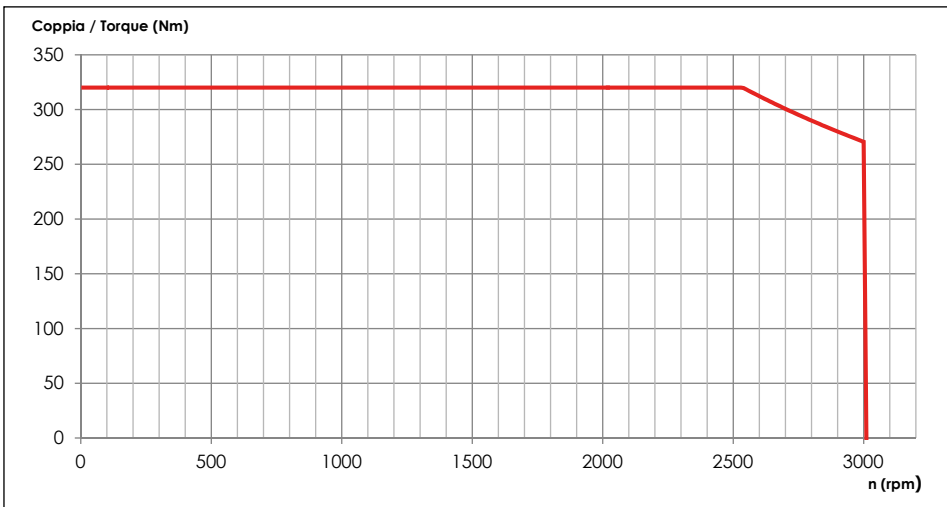


## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

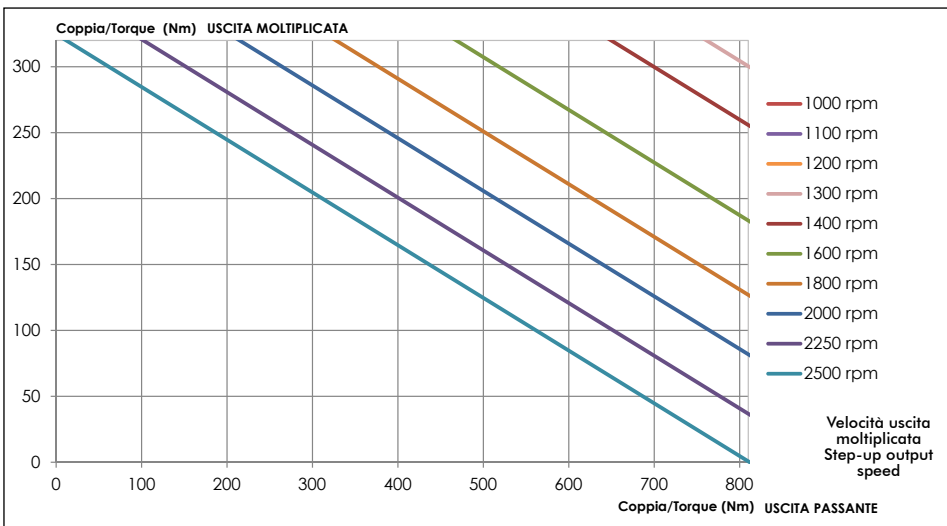
|          | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|----------|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| <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                            |                |



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**

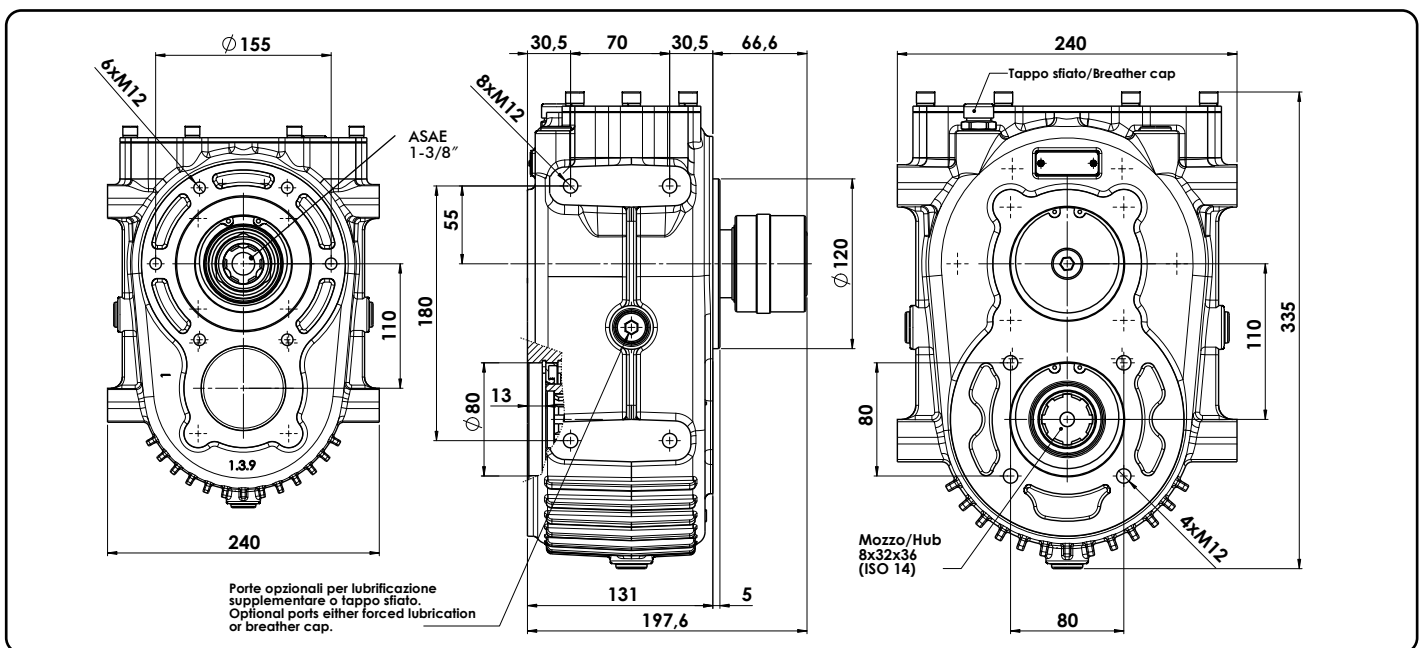
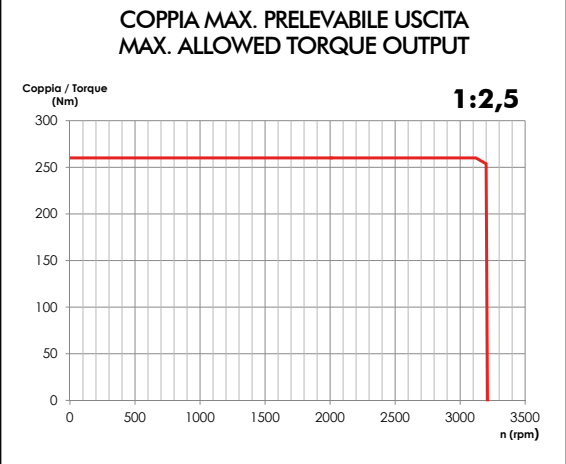
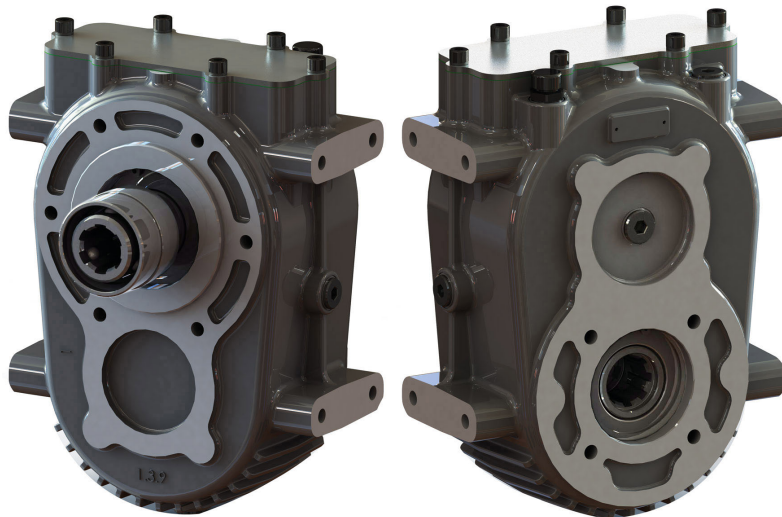
**10301640014**

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

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99740010315



## 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>1:2,5</b>                       | <b>320 Nm</b>                         | <b>85 kW</b>          | <b>3000 rpm</b>                      | <b>1200 rpm</b>                     | <b>18 Kg</b>   |

99710301603 Rev: //

# MULTI-BOX

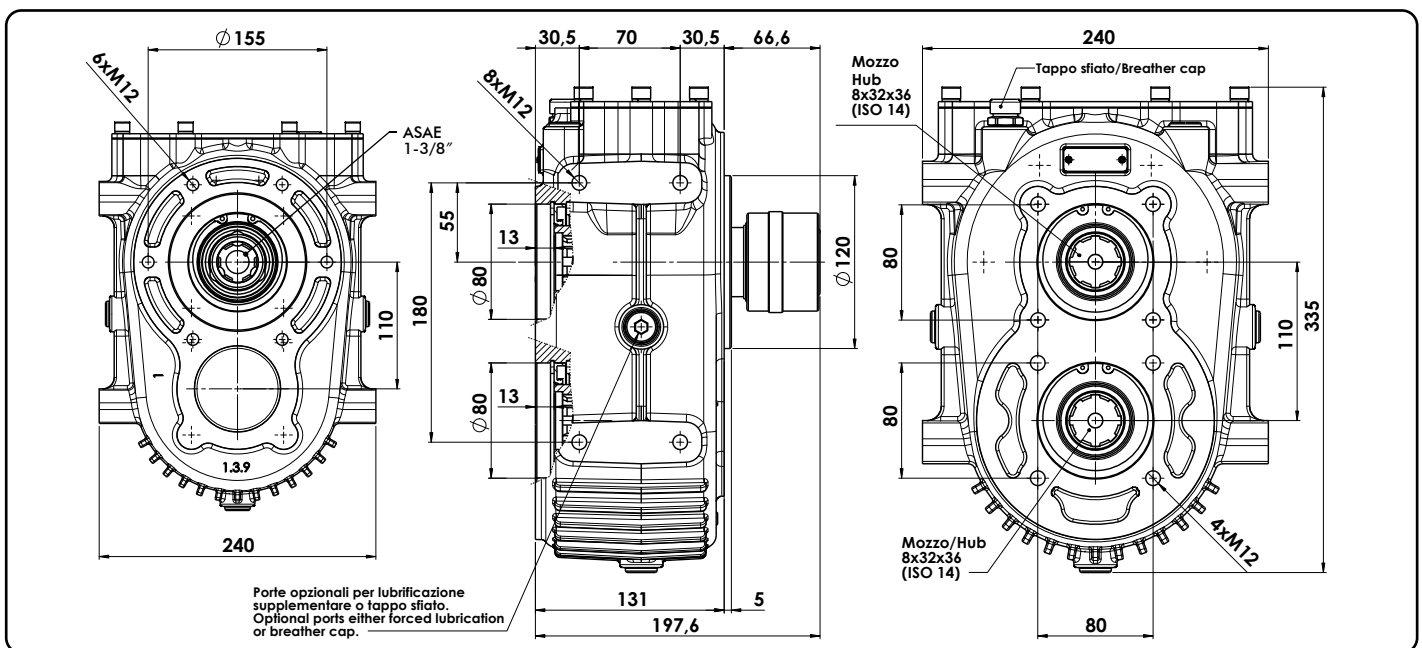
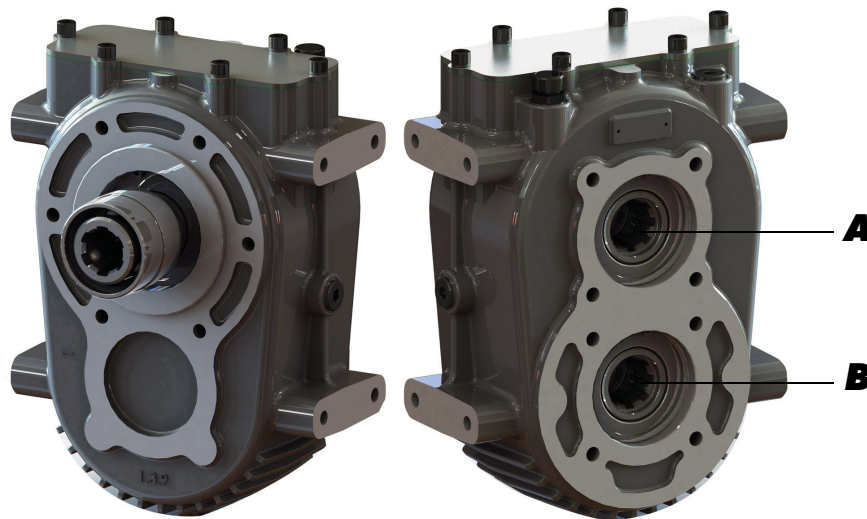
**CODICE  
CODE**

**10301641013**

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

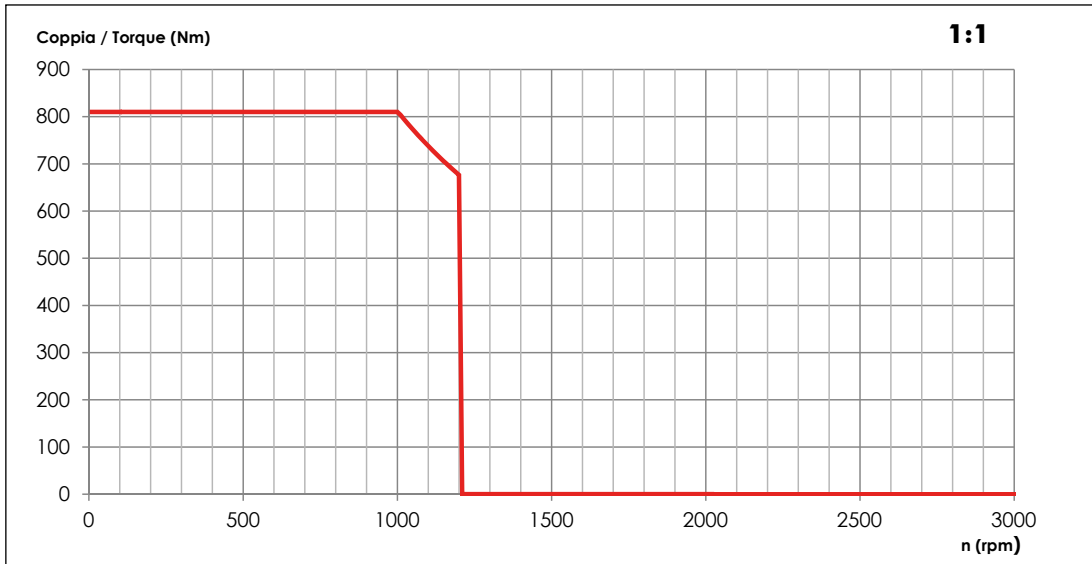
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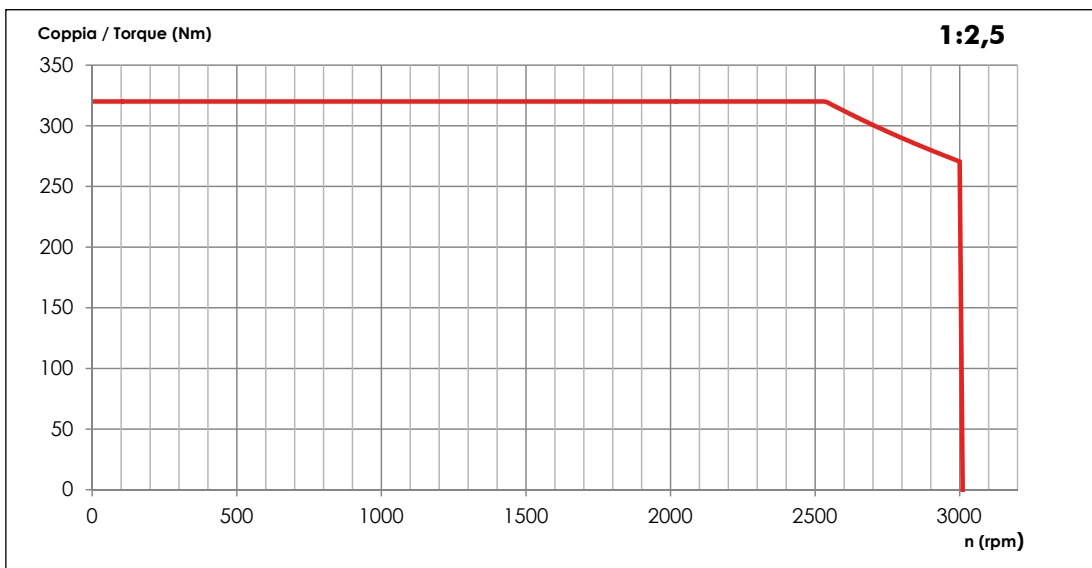


## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

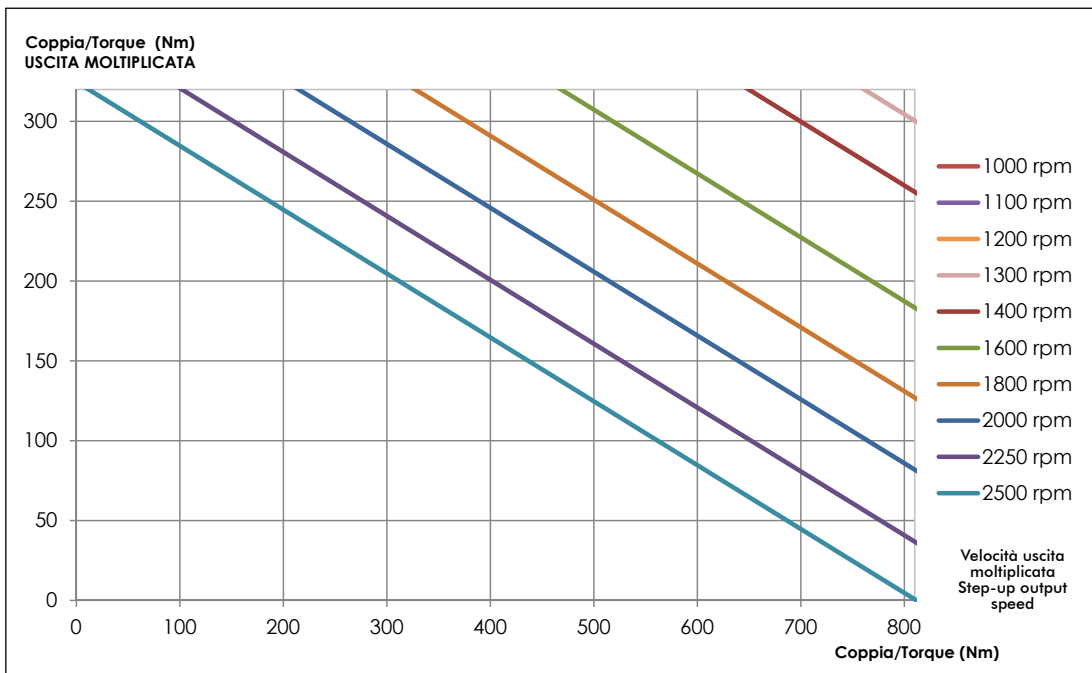
|          | Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|----------|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| <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                            |                |



**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**

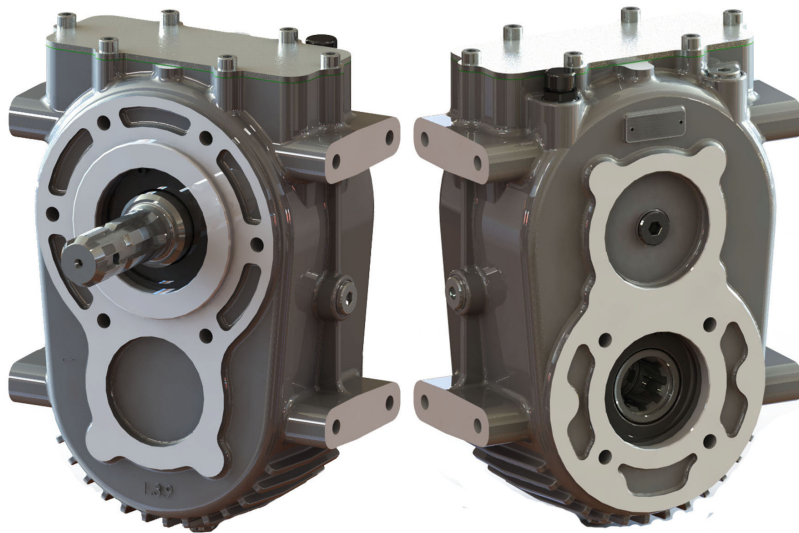
**10301720017**

IN MASCHIO ASAE  
OUT - ISO

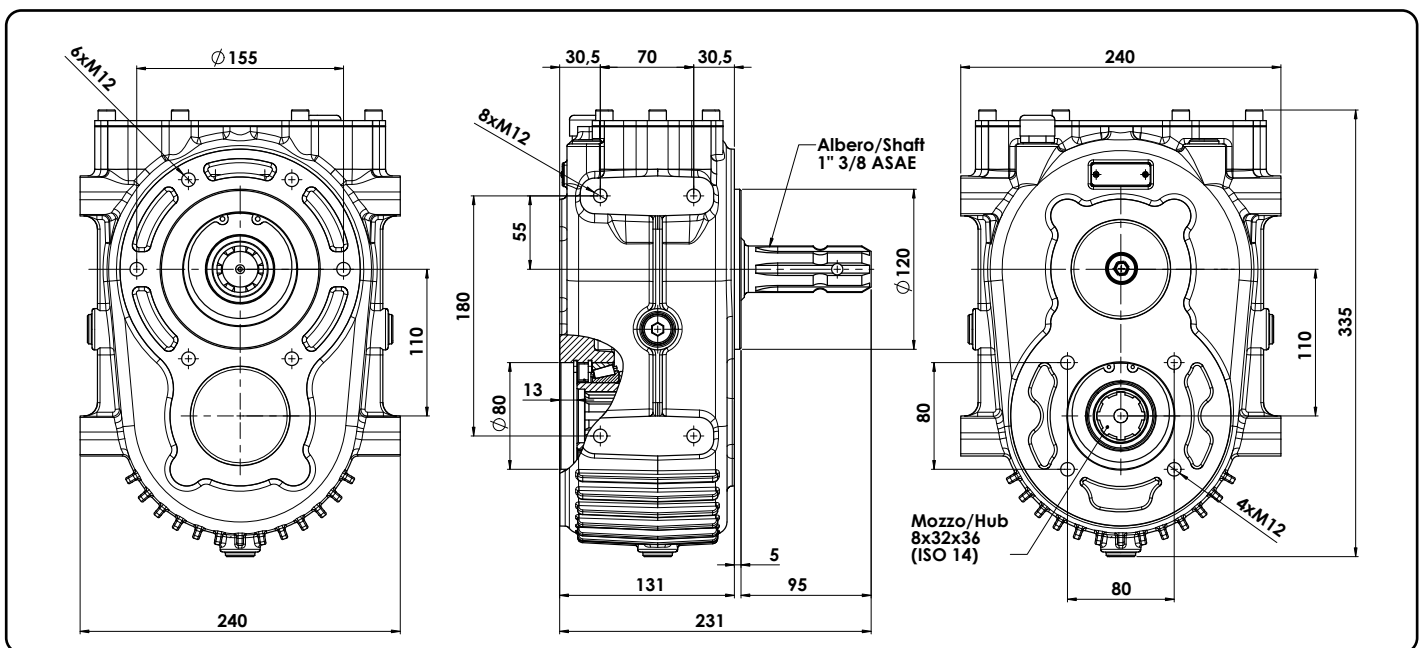
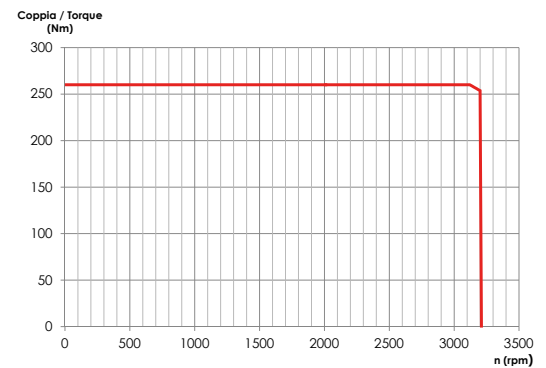
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99740010315



**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 |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 1:3,2                              | 260 Nm                                | 85 kW                 | 3200 rpm                             | 1000 rpm                            | 18 Kg          |

99710301701 Rev: //

# MULTI-BOX

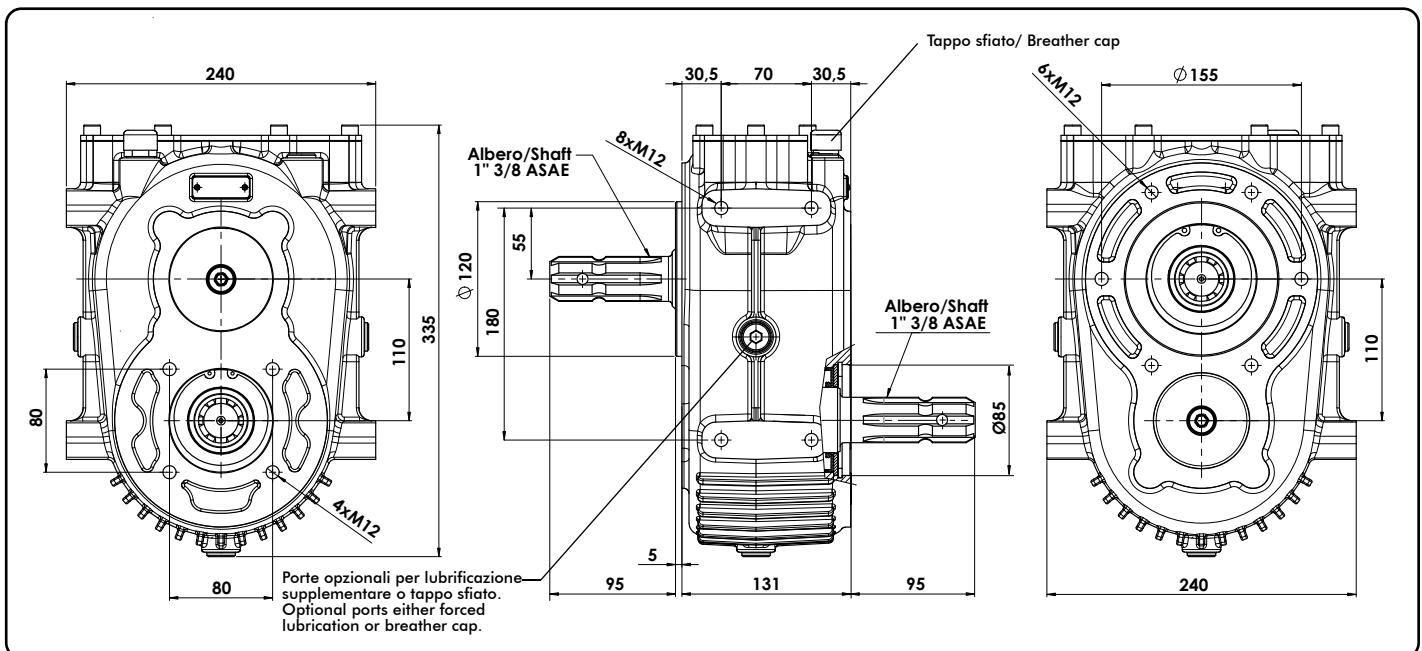
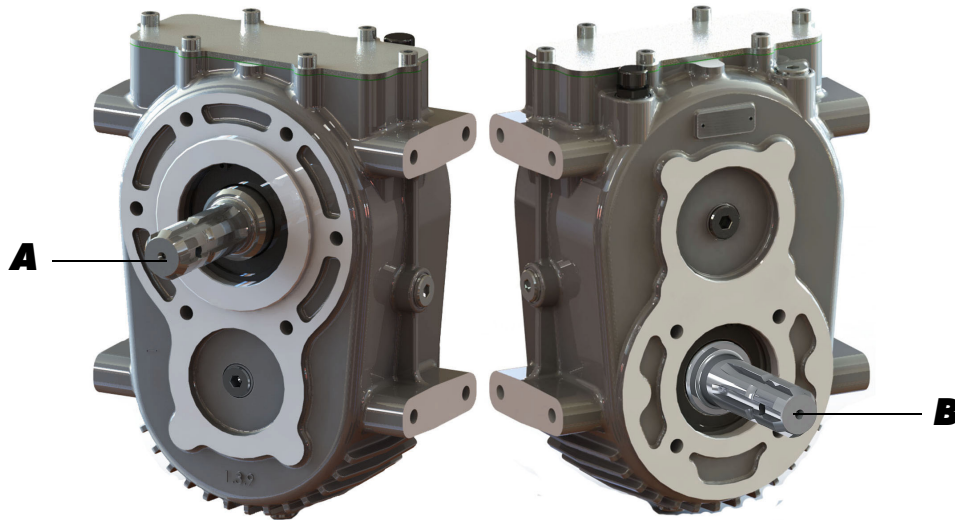
**CODICE  
CODE**

**10301720026**

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

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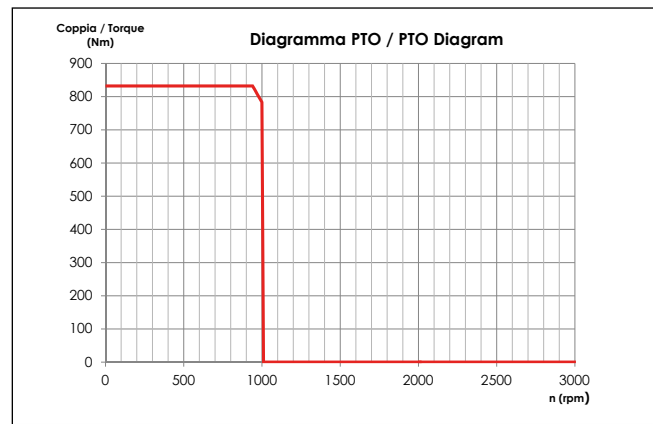
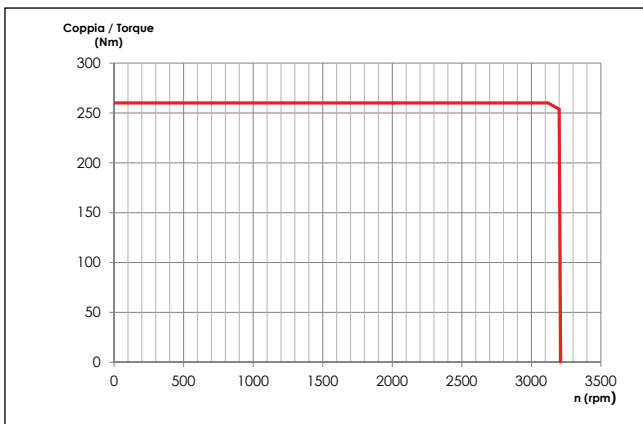
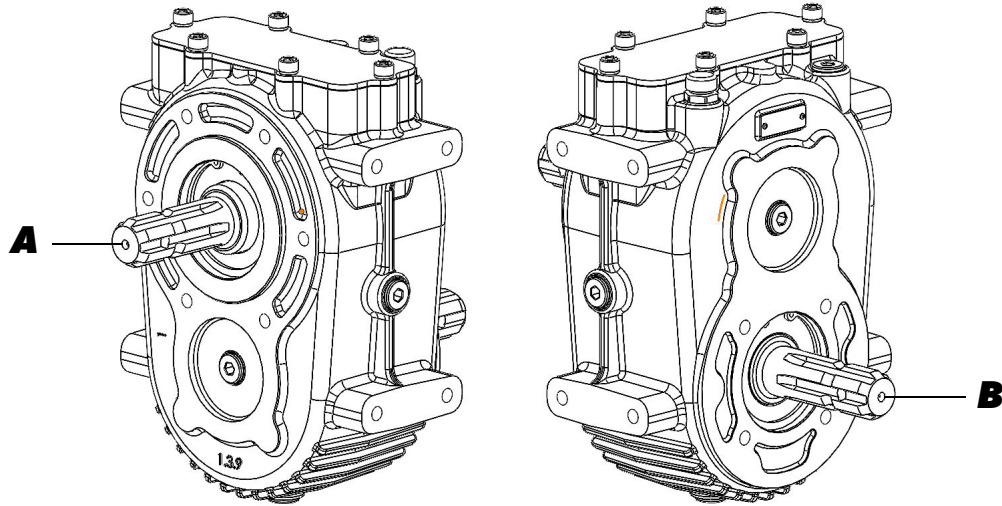
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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

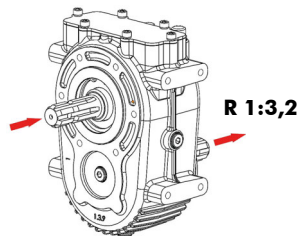
| Rapporto interno<br>Internal Ratio | Coppia nominale<br>Max. output torque | Potenza<br>Max. Power | Velocità max.<br>Max. speed<br>(OUT) | Velocità max.<br>Max. speed<br>(IN) | Peso<br>Weight |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------------|-------------------------------------|----------------|
| 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



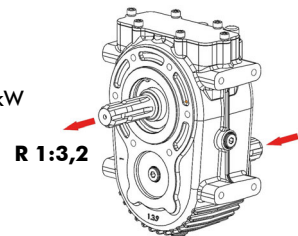
Esempio  
 Example

**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

**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



Esempio  
 Example

**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

# MULTI-BOX

**CODICE  
CODE**

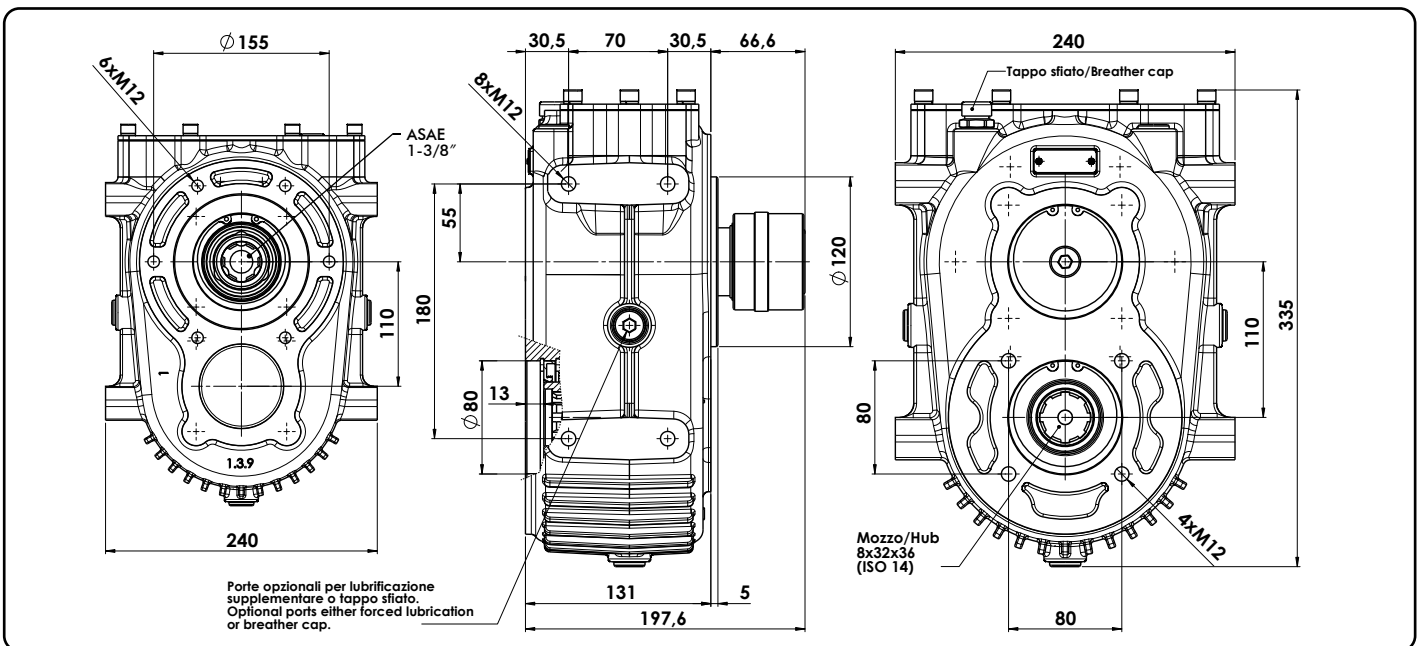
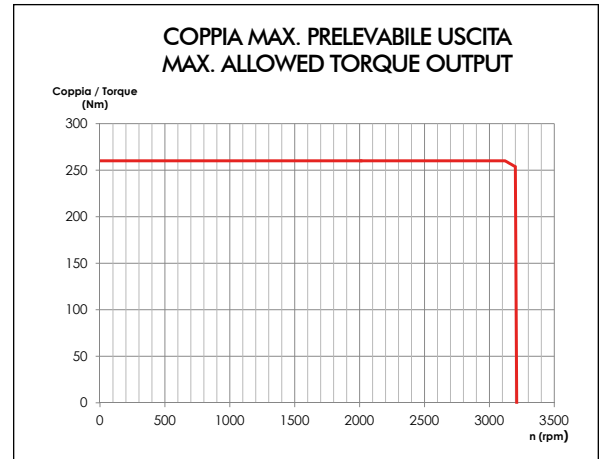
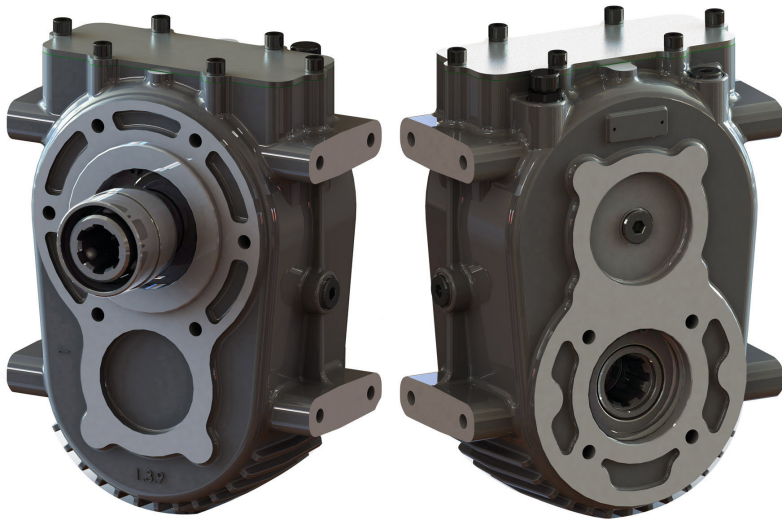
**10301740013**

**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.

The MULTI-BOX is the new heavy duty yet compact step-up gearbox designed for agricultural and forestry applications as well as suitable also for use on industrial truck. The all-in-one piece aluminum casing is designed to allow the mounting in any positions and gives at the same time high mechanical strength and efficient heat dissipation. The high power available, together with the several combinations of input and output options, various internal ratio, allow to realize the most varied applications with extreme simplicity.

99740010315



## 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          |

99710301702 Rev: //

# MULTI-BOX

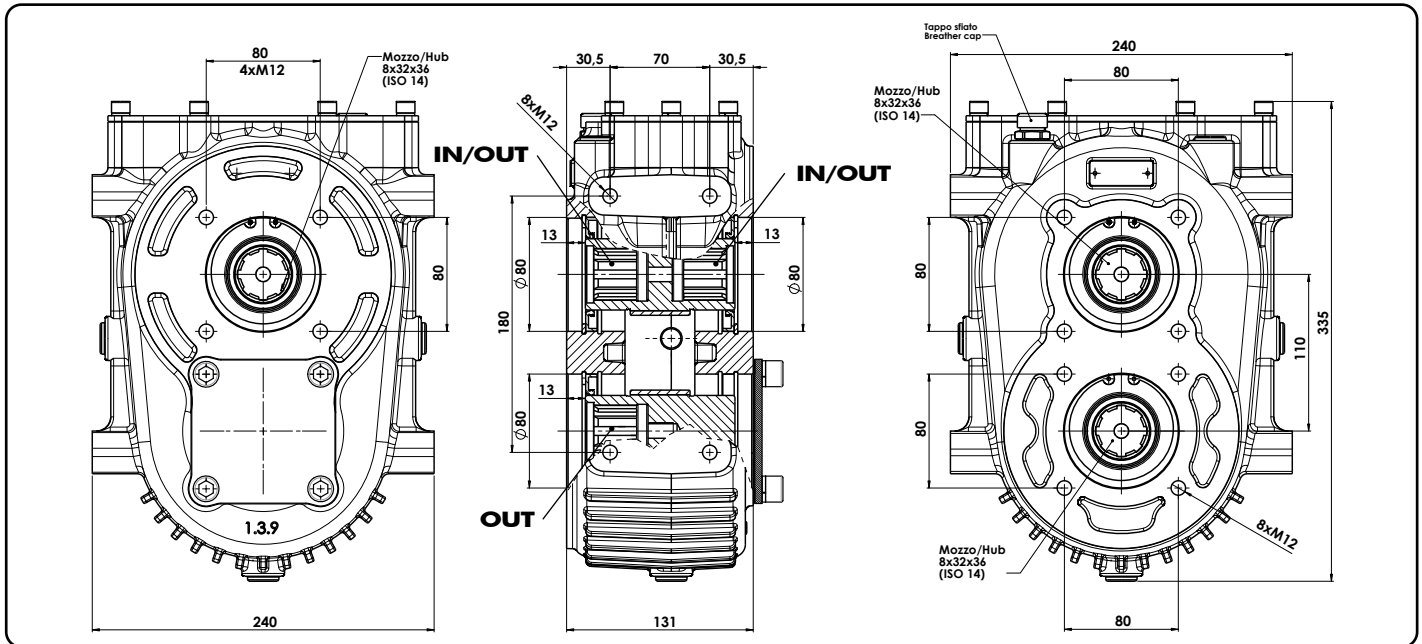
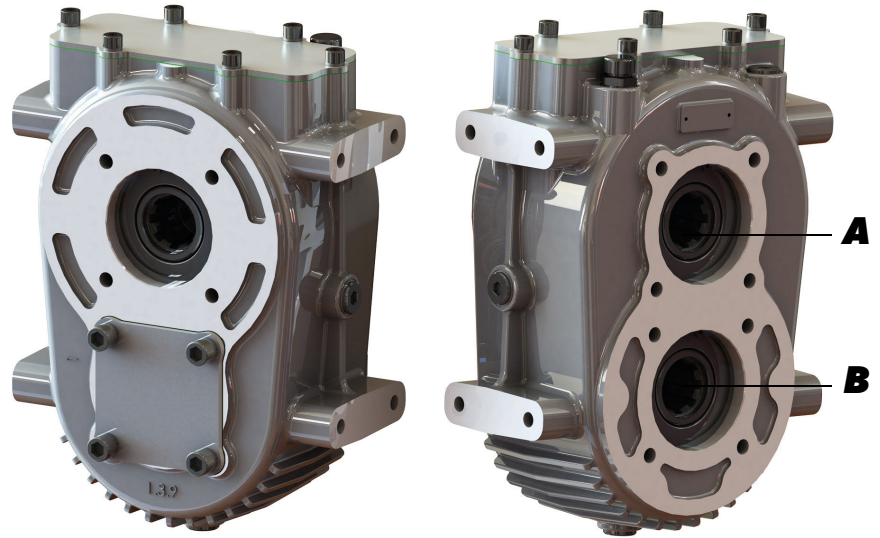
**CODICE  
CODE**

**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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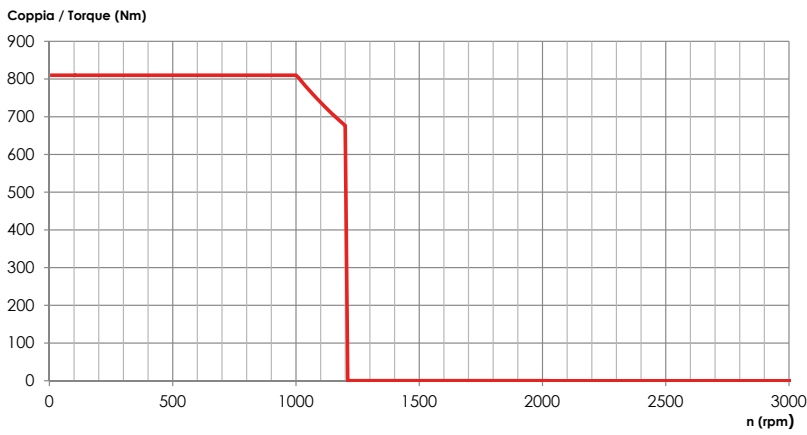
## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES 10301611019

|          | 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                            |                |

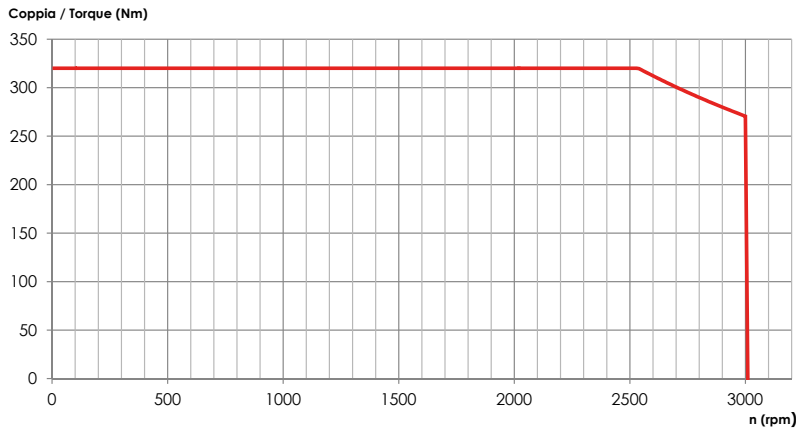
## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES 10301711018

|          | 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                            |                |

# 10301611019



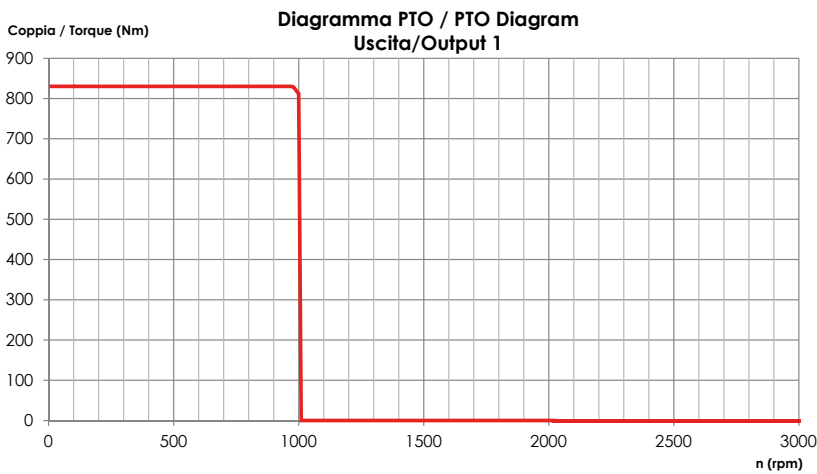
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USCITA **A**  
MAX. ALLOWED TORQUE  
**A** OUTPUT



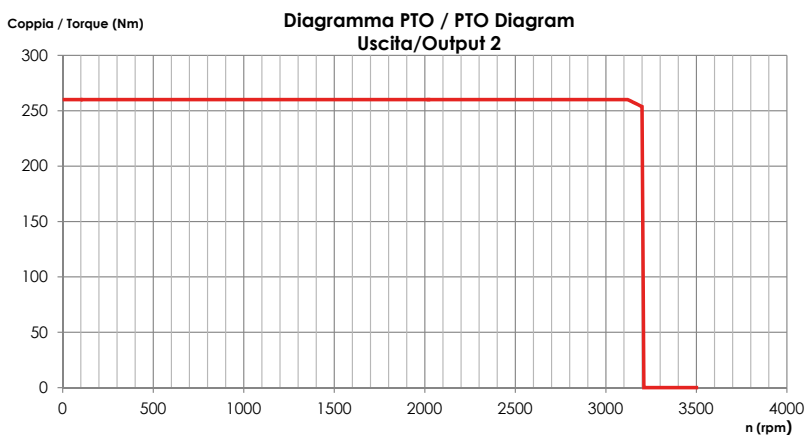
COPPIA MAX. PRELEVABILE  
USCITA **B**  
MAX. ALLOWED TORQUE  
**B** OUTPUT

99740010315

# 10301711018



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



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

99710301703 Rev: AA

# MULTI-BOX

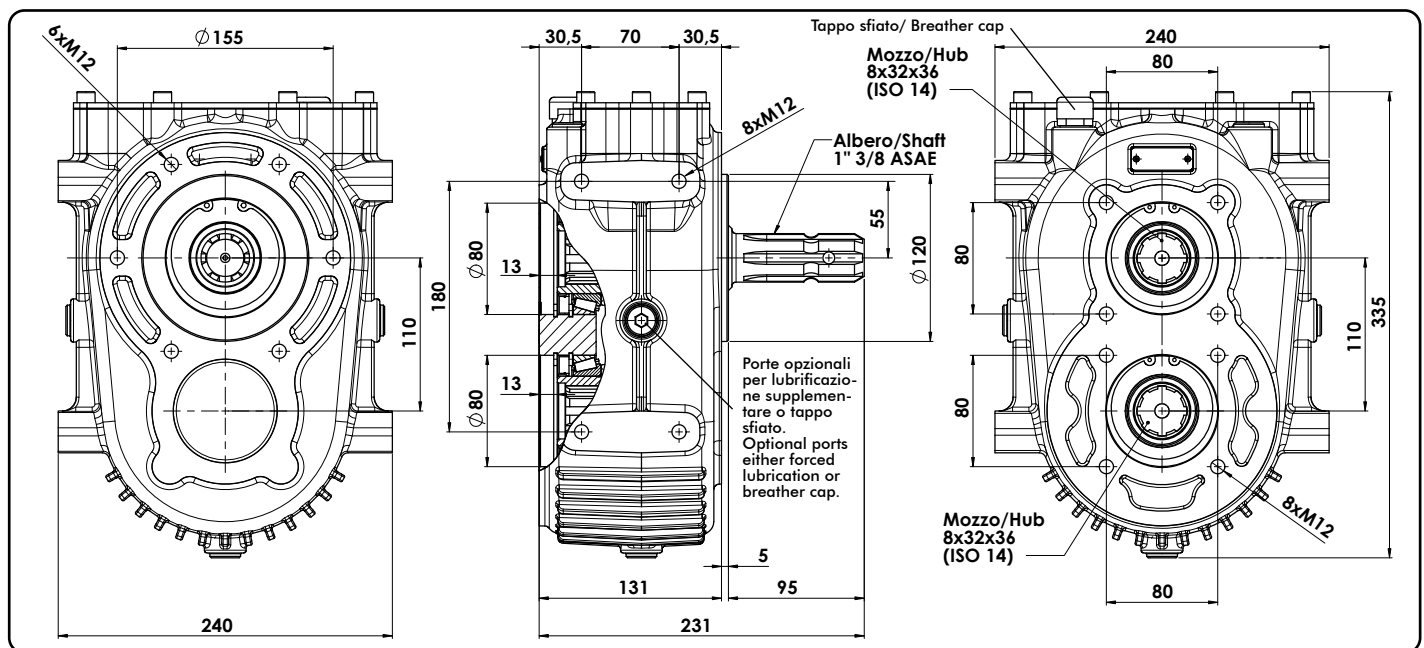
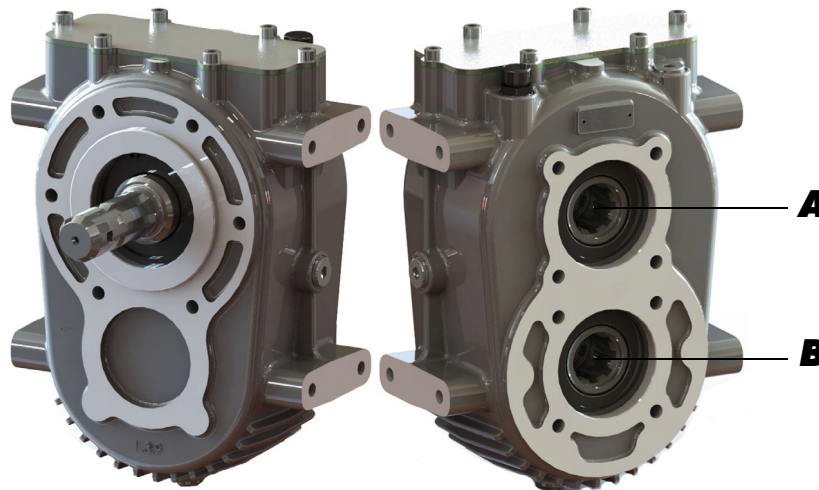
**CODICE  
CODE**

**10301721016**

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

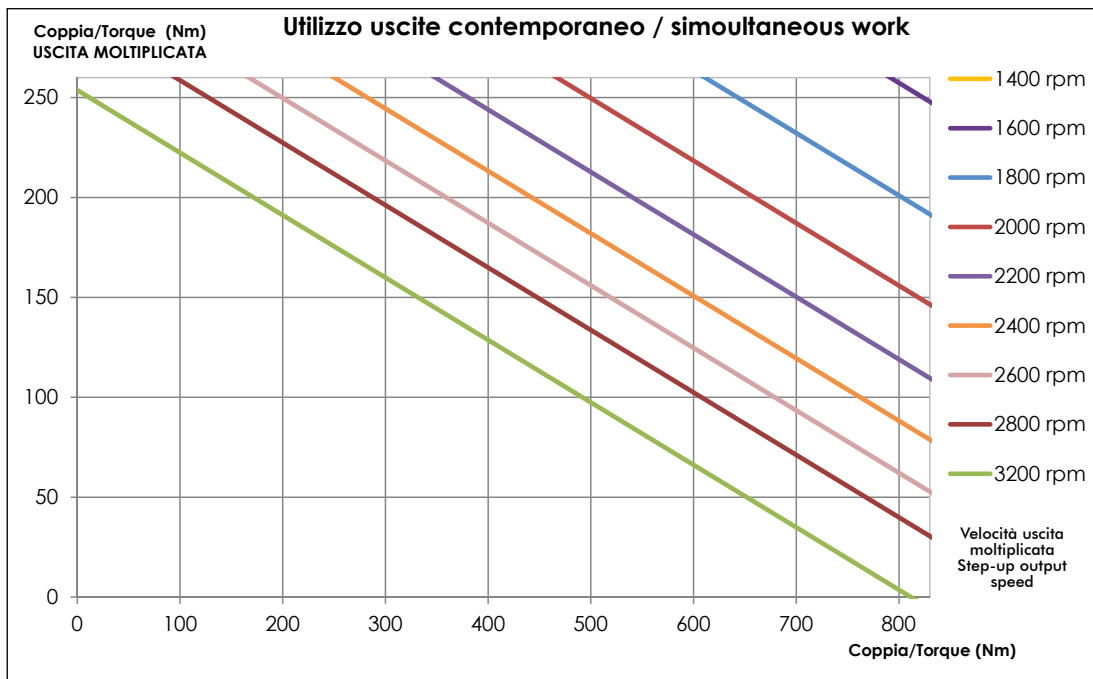
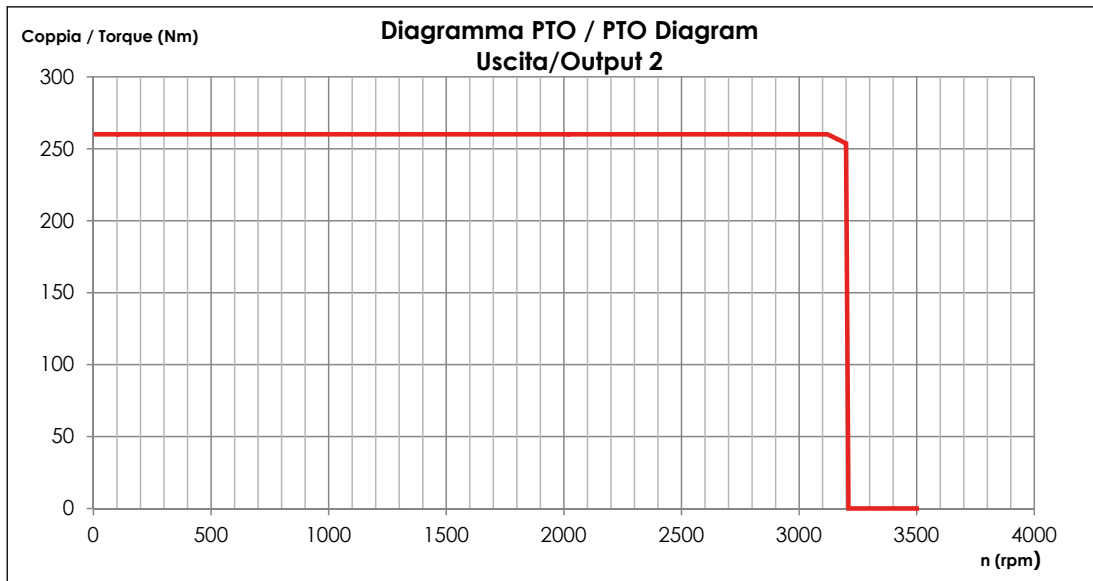
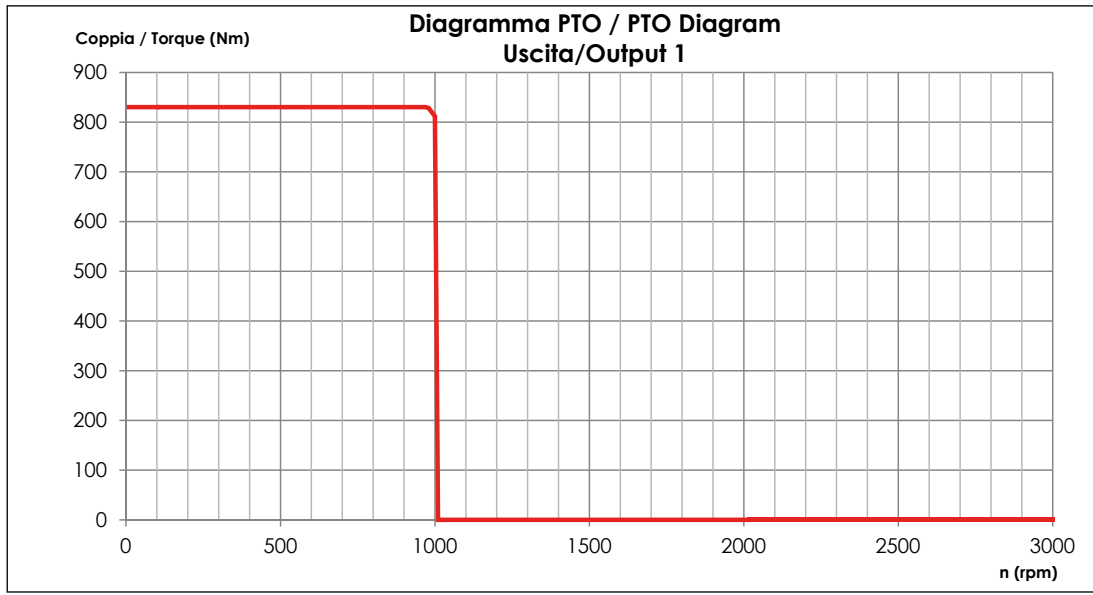
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## CARATTERISTICHE TECNICHE - TECHNICAL FEATURES

|          | 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                                | 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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