

PRESA DI FORZA A COMANDO PNEUMATICO

PNEUMATIC CLUTCH POWER TAKE-OFF

CODICE PTO
PTO CODE

10-40

CAMBIO VOLVO, EATON, SCANIA
GEARBOX
MERCEDES, ZF



VERS.13

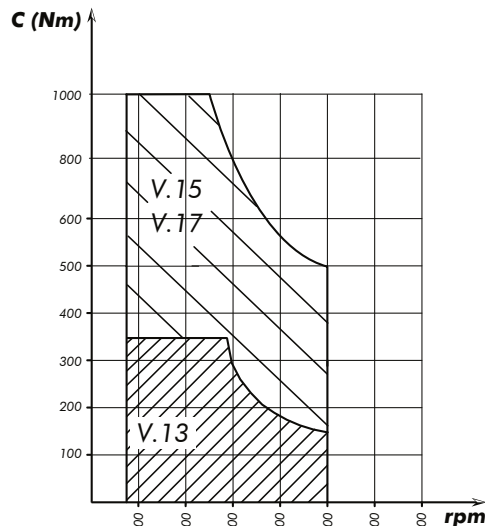


VERS.15



VERS.17

DIAGRAMMA DI UTILIZZO WORKING CONDITION



Tipo cambio Gearbox	Codice PTO PTO code	Versione Version	Giri pto a 1000 giri motore Pto ratio@1000 eng.rpm	Coppia massima Max torque	Lato montaggio Mounting side	Uscita Output	Rotazione Rotation	Kit di montaggio Mounting kit	Peso Weight
			rpm	Nm					Kg
VOLVO, EATON, MERCEDES, ZF,SCANIA	10-40-135	13	VEDI INDICE See index	350	Poster. Rear	Poster. Rear	Ora. Cw	Vedi indice See index	3,9
	10-40-153	15		1000 ⁽¹⁾					3,7
	10-40-171	17							1,7

(1) La coppia massima trasmissibile è riferita alla PTO. È necessario consultare l'indice PTO-Cambi per identificare la coppia limite prelevabile dai singoli cambi.

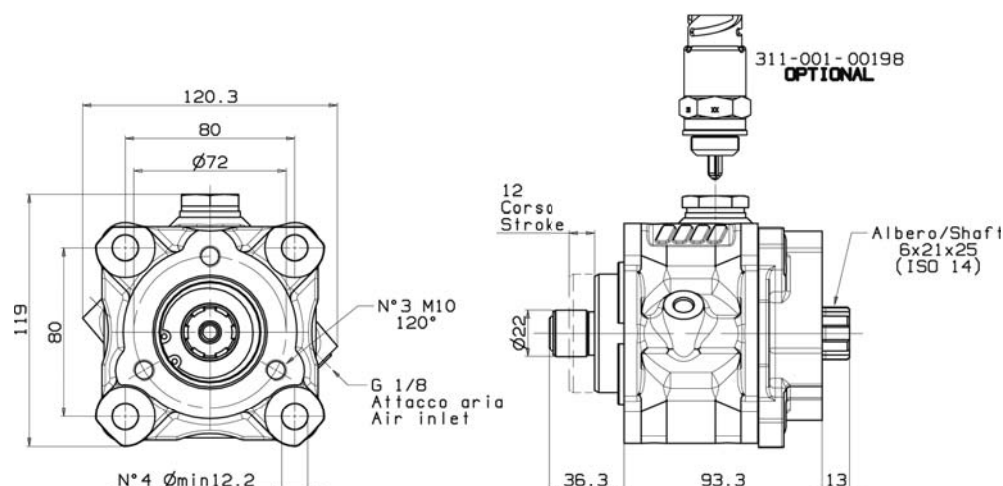
(1) The maximum allowed torque is referred to the PTO only. It is essential to watch the PTO/gearbox application book to get the maximum torque limit of every single transmission.

INGOMBRI OVERALL DIMENSIONS

10-40-135

Vers. 13

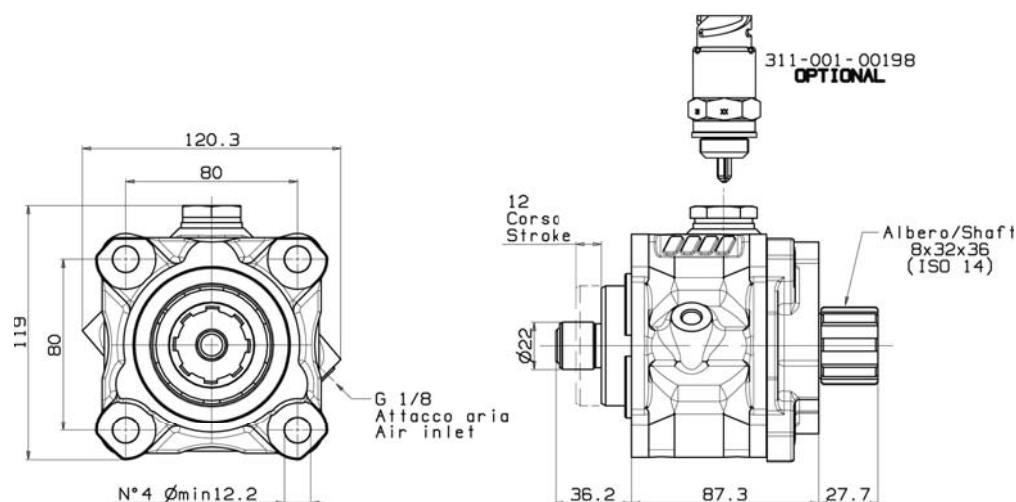
Flangia 3 fori UNI
albero UNI 21x25
Flange UNI 3 bolt
shaft UNI 21x25



10-40-153

Vers. 15

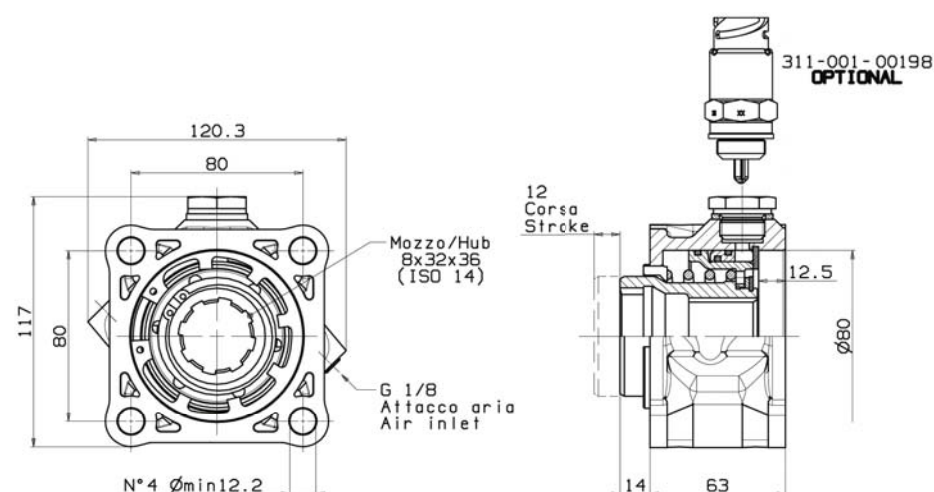
Flangia 4 fori ISO
albero maschio
32x36 DIN 5462
Flange ISO 4 bolt
male shaft
32x36 DIN 5462



10-40-171

Vers. 17

Flangia 4 fori ISO
albero femmina
32x36 DIN 5462
Flange ISO 4 bolt
female shaft
32x36 DIN 5462



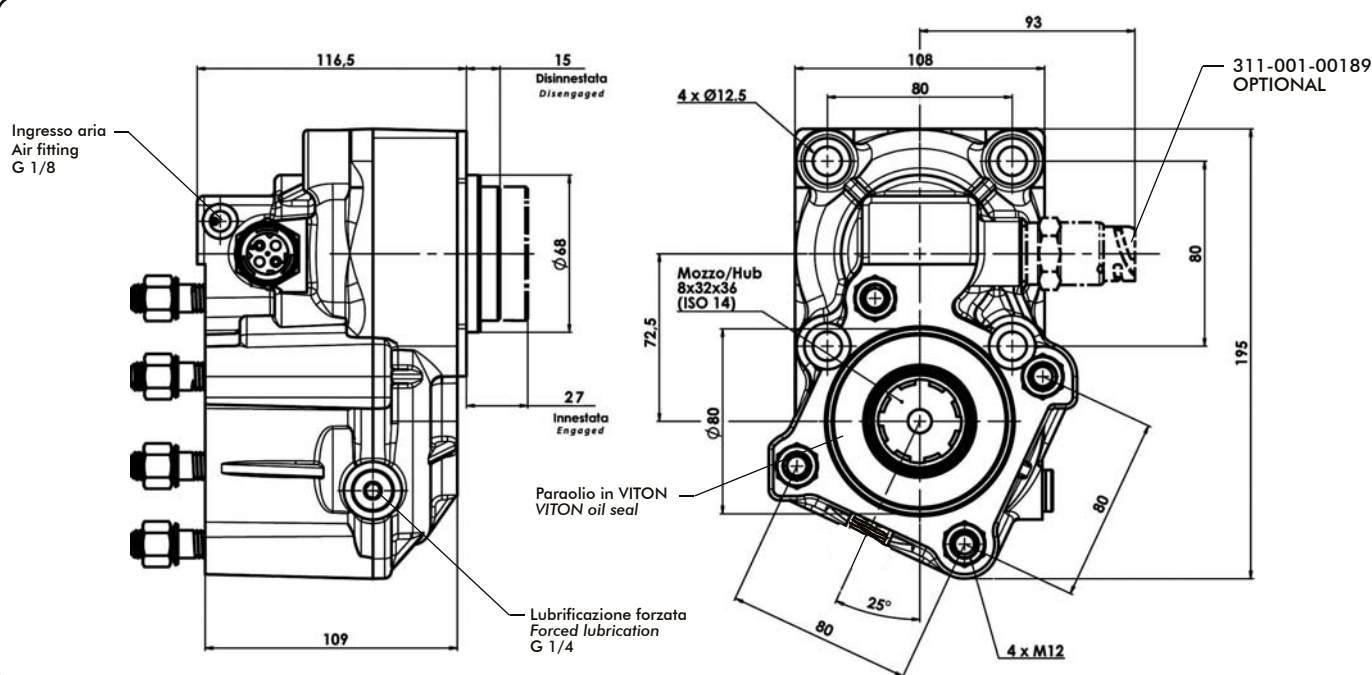
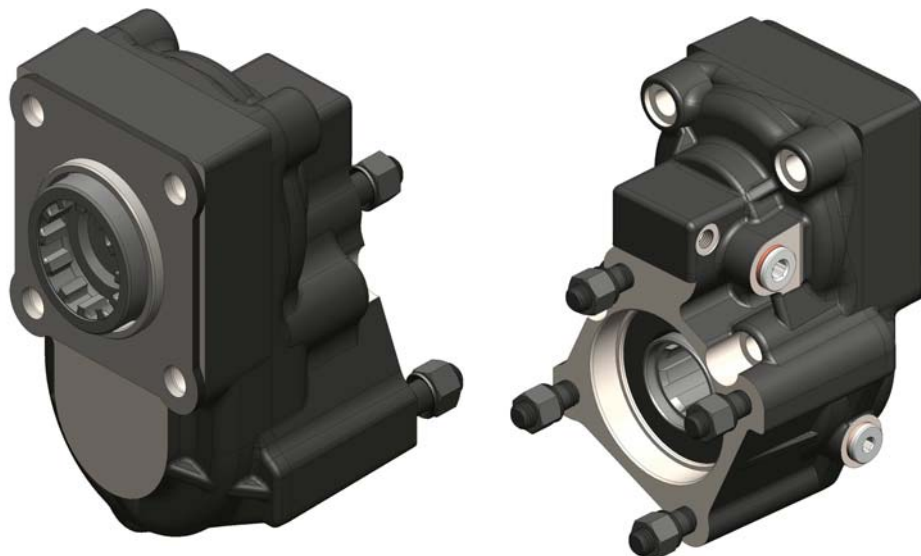
**PRESA DI FORZA A
COMANDO PNEUMATICO
PNEUMATIC CLUTCH
POWER TAKE-OFF**

CODICE PTO
PTO CODE

**010-081/082/
083/084**

CAMBIO
GEARBOX

**EATON/MERCEDES/
ZF/VOLVO**



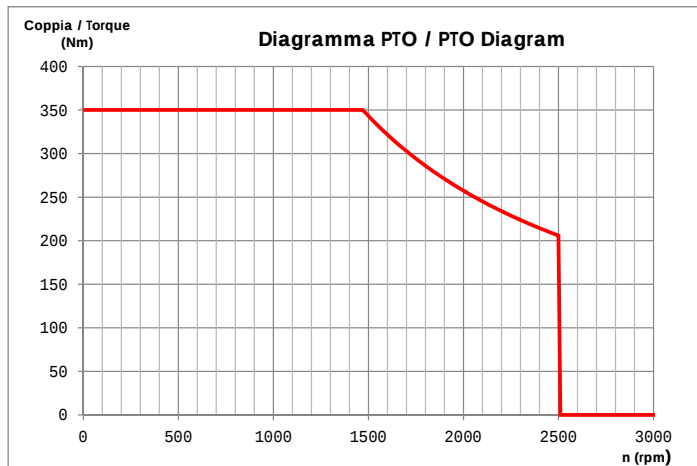
Codice PTO PTO code	Rapporto Ratio	Versione Version	Giri pto a 1000 giri motore Pto ratio@1000 eng.rpm	Coppia massima Max torque	Lato montaggio Mounting side	Rotazione Rotation	Peso Weight
010-081-00172	1:1,8	17	Vedi indice See index	350	Posteriore Rear	Antior. Ccw	10,1
010-082-00171	1:1,53			400			
010-083-00170	1:1,33			450			
010-084-00179	1:1			500			

pag.1

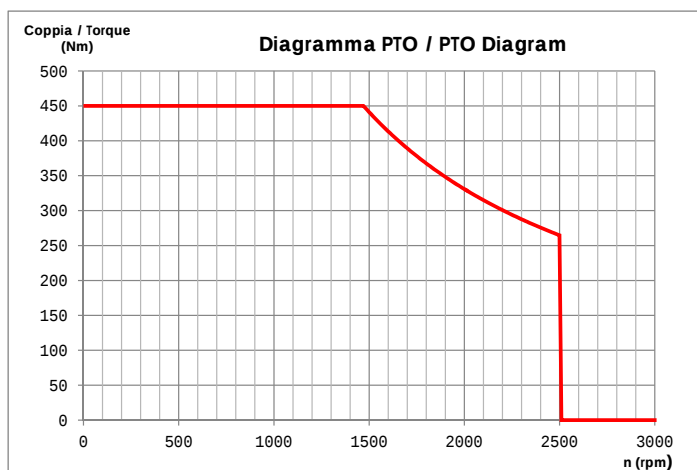
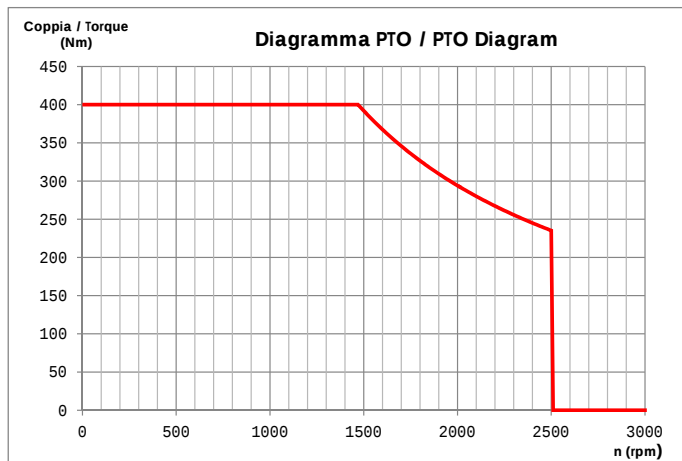
I grafici, che indicano il prelievo di coppia in funzione del numero di giri, riguardano solamente la PTO. È necessario verificare il limite di prelievo di potenza dal cambio prima di effettuare l'applicazione.

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

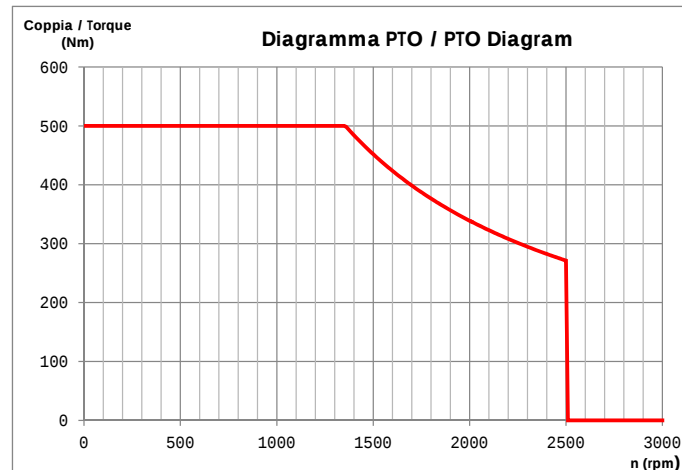
010-081-00172



010-082-00171



010-083-00170



010-084-00179

Data: Lunedì 04 maggio 2015

Codice foglio: 997-210-08117 Rev: AA

PRESA DI FORZA A COMANDO PNEUMATICO

"POWER-TRUCK"

PNEUMATIC CLUTCH POWER TAKE-OFF

CODICE PTO
PTO CODE

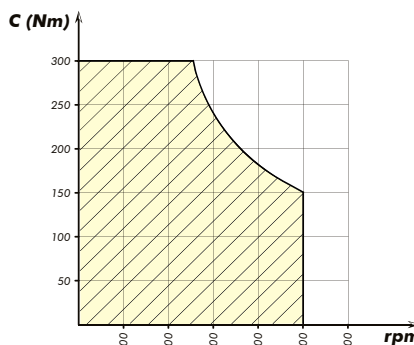
10-61/62

CAMBIO
GEARBOX

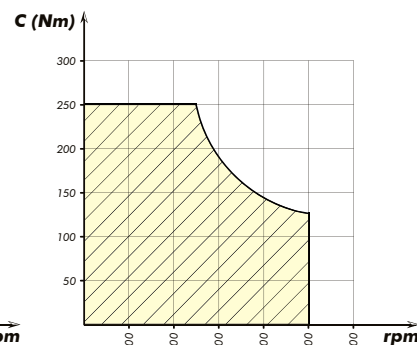
ZF-ECOSPLIT
EATON
MERCEDES
VOLVO



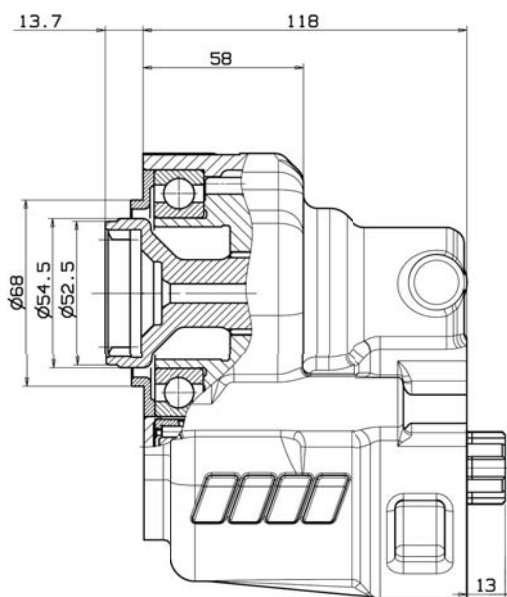
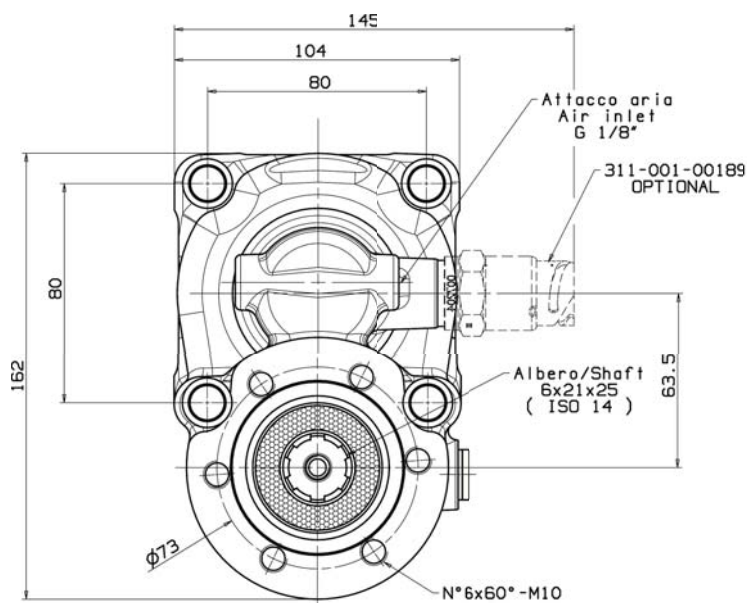
DIAGRAMMA DI UTILIZZO WORKING CONDITION



010-061-00130



010-062-00139



Tipo cambio Gearbox	Codice PTO PTO code	Versione Version	Rapporto interno Internal ratio	Giri pto a 1000 giri motore Pto ratio@1000 eng.rpm rpm	Coppia massima Max torque Nm	Lato montaggio Mounting side	Uscita Output	Rotazione Rotation	Kit di montaggio Mounting kit	Peso Weight Kg
ZF ECOSPLIT EATON MERCEDES VOLVO	10-61-130	13	1:1,81	Vedi indice See index	300	Poster. Rear	Poster. Rear	Ant. Acw	Vedi indice See index	7,6
	10-62-139		1:1,53		250					

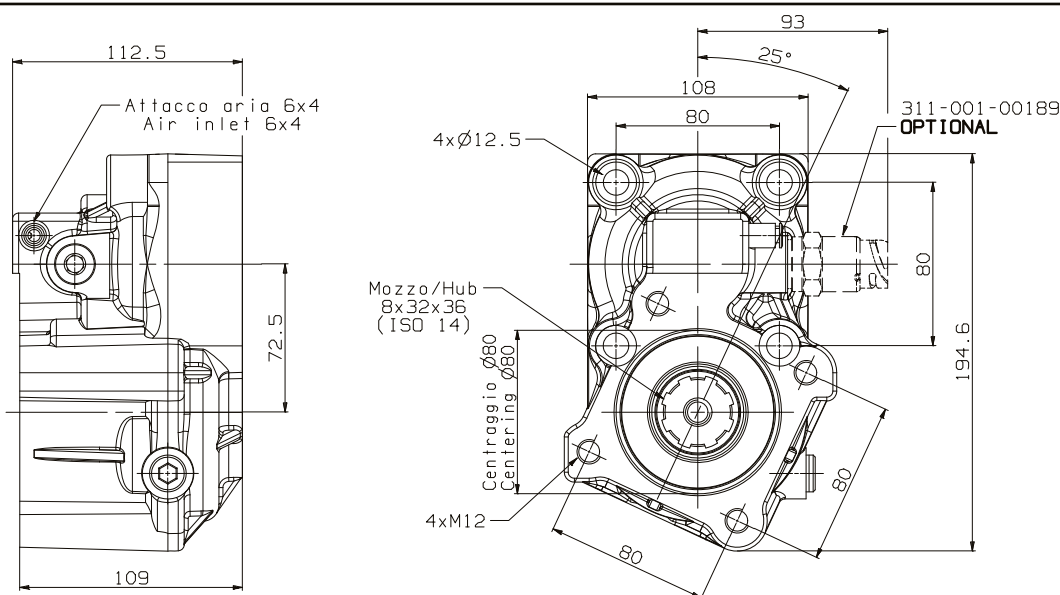
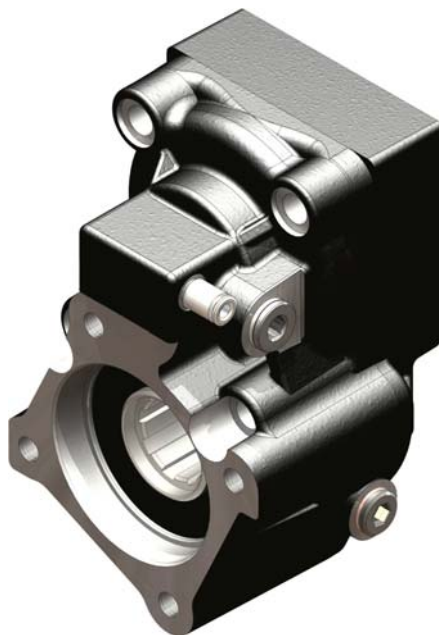
**PRESA DI FORZA A
COMANDO PNEUMATICO
PNEUMATIC CLUTCH
POWER TAKE-OFF**

CODICE PTO
PTO CODE

**012-041/042/
043/044**

CAMBIO
GEARBOX

**MERCEDES/IVECO
EATON/ZF/VOLVO**



Codice PTO PTO code	Rapporto Ratio	Versione Version	Giri pto a 1000 giri motore Pto ratio@1000 eng.rpm rpm	Coppia massima Max torque Nm	Rotazione Rotation	Peso Weight Kg
012-041-00176	1:1,8	17	Vedi indice See index	350	Antioraria Ccw	8,5
012-042-00175	1: 1,53			400		
012-043-00174	1: 1,33			450		
012-044-00173	1:1			500		

I dati di ingombro dei giunti evidenziati nelle sezioni: "SPAZIO DISPONIBILE PER LE APPLICAZIONI", sono stati estrapolati dai cataloghi tecnici originali dei costruttori di cambi. Pertanto la **O.M.F.B. Spa HYDRAULIC COMPONENTS** declina ogni responsabilità in caso di variazioni delle sopracitate quote e parimenti per eventuali danni causati al cambio dovuti a prelievi di coppia superiori a quelli da questo consentiti. The prop shaft overall dimensions shown in the section "PROP SHAFT CLEARANCE" have been taken from the technical catalogues of the gear-boxes' manufacturers, **O.M.F.B Spa HYDRAULIC COMPONENTS** refuses all responsibility for any change of such dimensions as well as for any gearboxes damages due to higher torque absorption than allowed.

pag.3

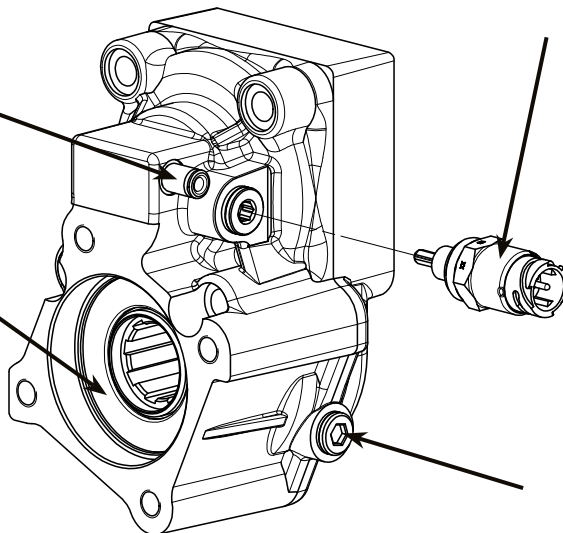
OMFB
HYDRAULIC COMPONENTS

O.M.F.B. S.p.A. Hydraulic Components
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**COMPANY WITH
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CERTIFIED BY DNV GL
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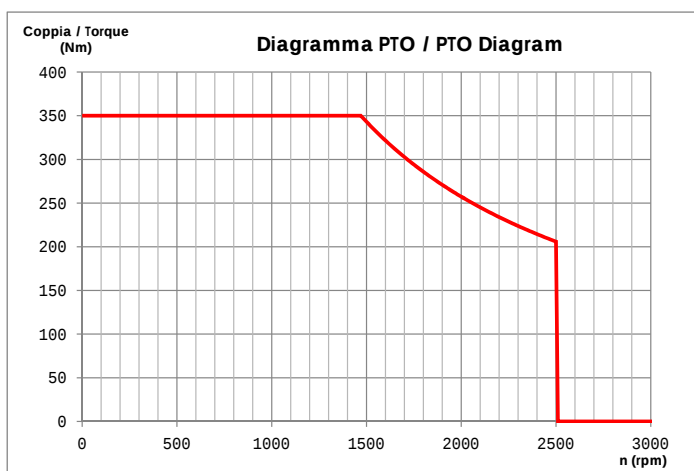
Ingresso aria per
innesto (G 1/8)
Air inlet for
clutch (G 1/8)

Paraolio in VITON
VITON oil seal

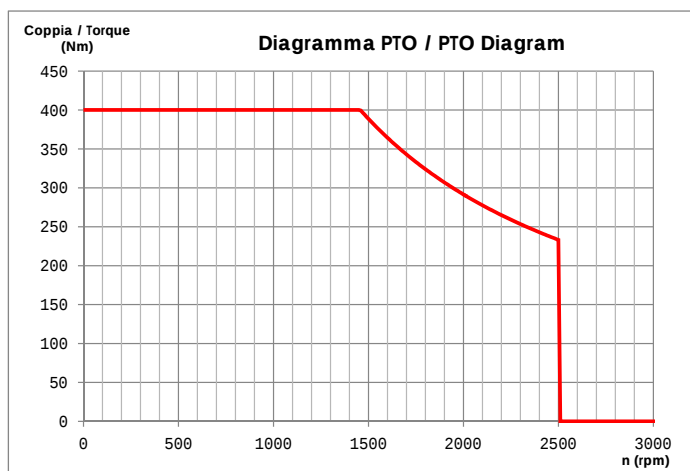


Interruttore a puntale (M14)
Pressure signal switch
311-001-00189
OPTIONAL

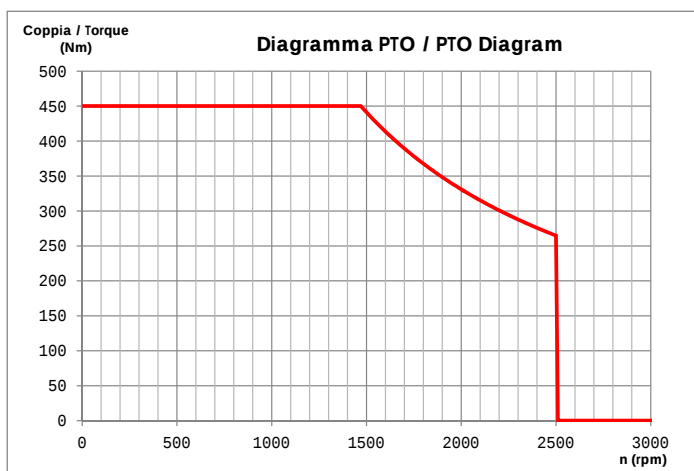
Lubrificazione forzata (G 1/4)
Forced lubrication (G 1/4)



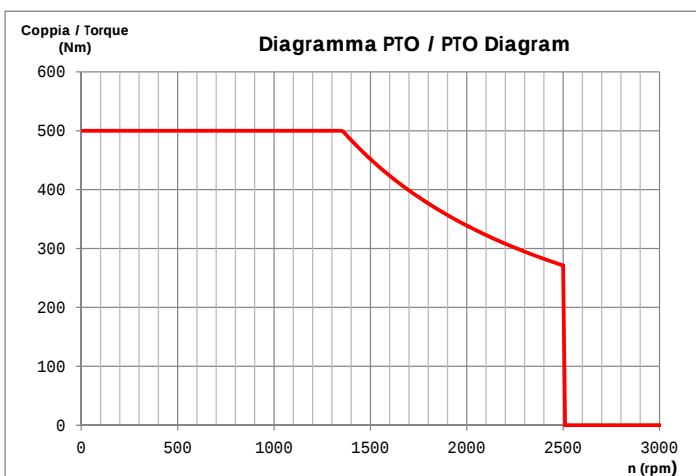
012-041-00176



012-042-00175



012-043-00174



012-044-00173

Il grafico qui riportato, che indica il prelievo di coppia in funzione del numero di giri, riguarda solamente la PTO. È necessario verificare il limite di prelievo di potenza dal cambio prima di effettuare l'applicazione.

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

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HYDRAULIC COMPONENTS

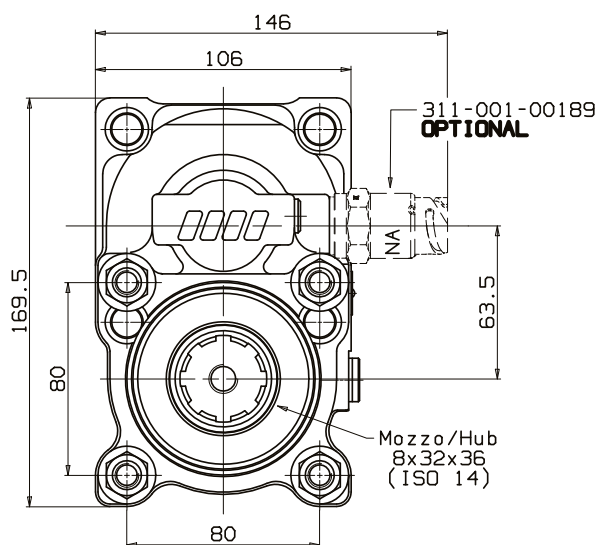
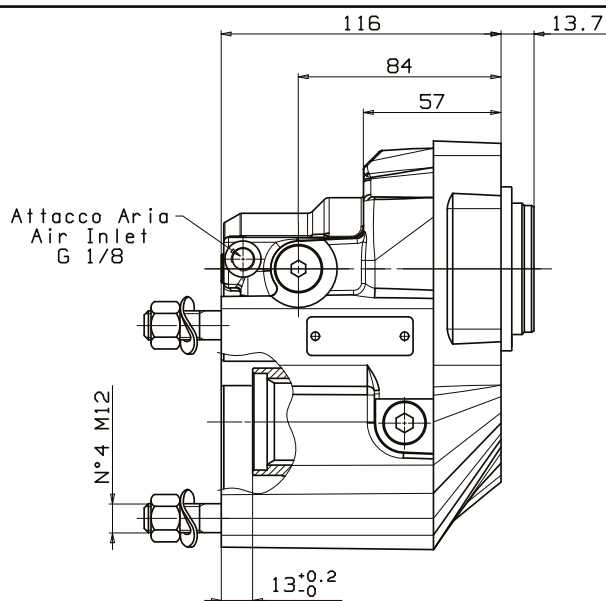
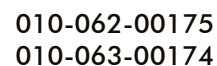
PNEUMATIC CLUTCH POWER TAKE-OFF

10-61/62/63

**ZF-ECOSPLIT
EATON
MERCEDES
VOLVO**



010-061-00176



Tipo cambio Gearbox	Codice PTO PTO code	Versione Version	Rapporto interno Internal ratio	Giri pto a 1000 giri motore Pto ratio@1000 eng.rpm rpm	Coppia massima Max torque Nm	Lato montaggio Mounting side	Uscita Output	Rotazione Rotation	Kit di montaggio Mounting kit	Peso Weight Kg
ZF ECOSPLIT EATON MERCEDES VOLVO	10-61-176	17	1:1,81	Vedi indice See index	300	Poster. Rear	Poster. Rear	Ant. Acw	Vedi indice See index	8
	10-62-175		1:1,53		250					
	10-63-174		1:1,31							

Codice fascicolo: 997-400-00030

Data: Mercoledì 22 dicembre 2010

Codice foglio: 997-210-06117 Rev: AC

**PRESA DI FORZA A
COMANDO PNEUMATICO
PNEUMATIC CLUTCH
POWER TAKE-OFF**

CODICE PTO
PTO CODE

010-033-00134

CAMBIO
GEARBOX

ZF

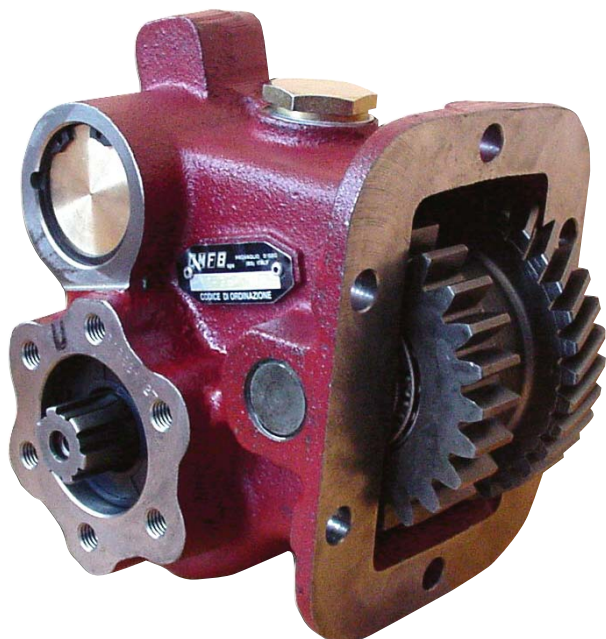
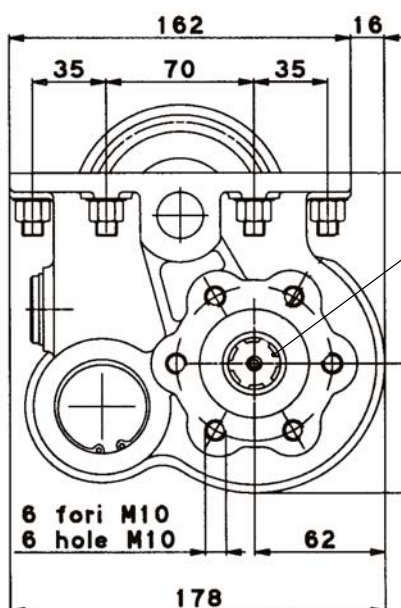
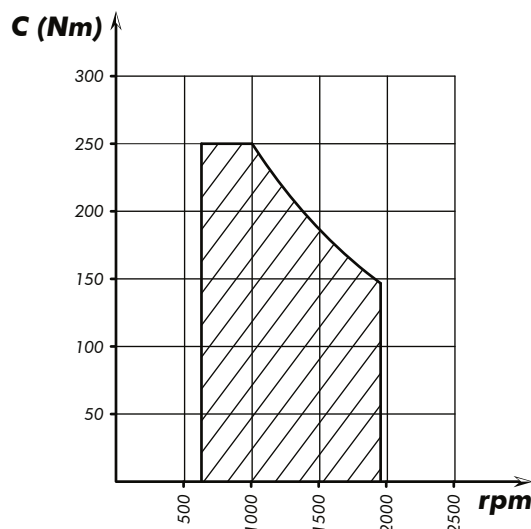
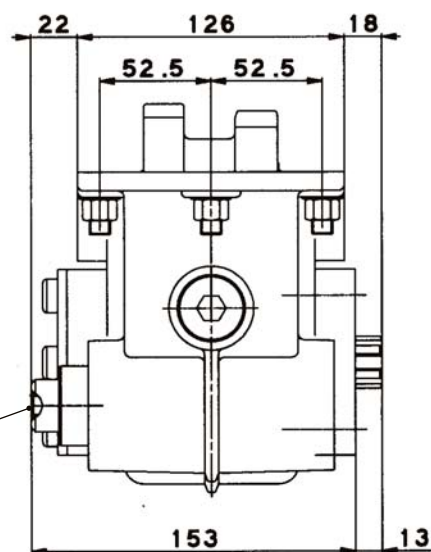


DIAGRAMMA DI UTILIZZO
WORKING CONDITION



Albero/Shaft
6x21x25
(ISO 14)

Attacco raccordo aria
Air inlet
G 1/8



Tipo cambio Gearbox	Codice PTO PTO code	Versione Version	Giri pto a 1000 giri motore Pto ratio@1000 eng.rpm	Coppia massima Max torque	Lato montaggio Mounting side	Uscita Output	Rotazione Rotation	Kit di montaggio Mounting kit	Peso Weight
S5-42/5,72 (Europa)	010-033-00134	13	rpm 1037	Nm 250	Dx-Sx Right-Left	Post. Rear	Ora. Cw	154-003-3053	Kg 11,1

PRESA DI FORZA A COMANDO PNEUMATICO

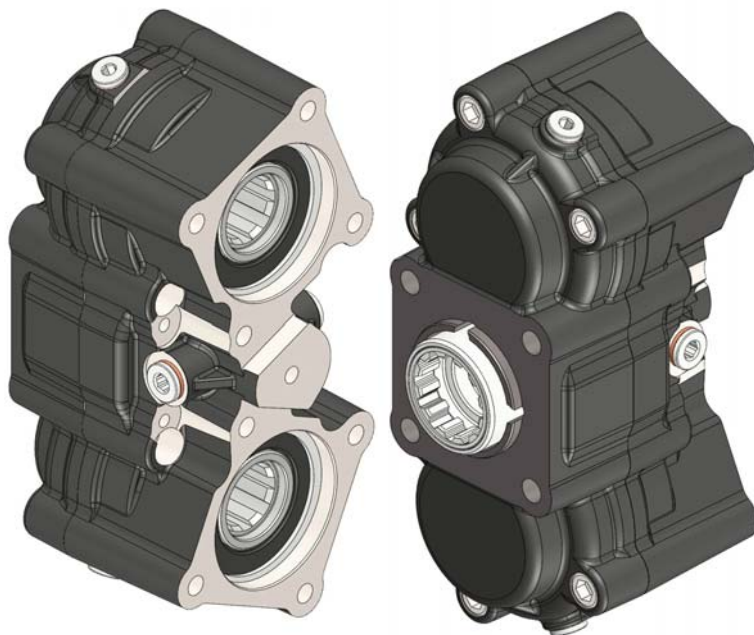
PNEUMATIC LUTCH POWER TAKE-OFF TWIN-POWER

CODICE PTO
PTO CODE

010-036

CAMBIO
GEARBOX

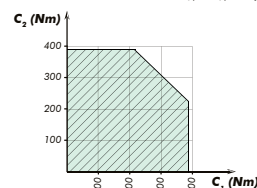
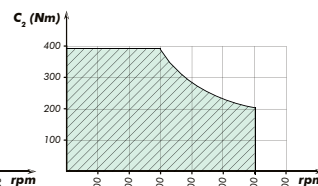
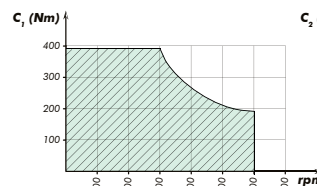
**ZF/MERCEDES/
EATON/VOLVO**



CONDIZIONI DI FUNZIONAMENTO / WORKING CONDITIONS

COPPIE PRELEVABILI PER
IMPIEGO SINGOLO ALBERO ALTO
MAX TORQUE HIGH SHAFT SINGLE USE

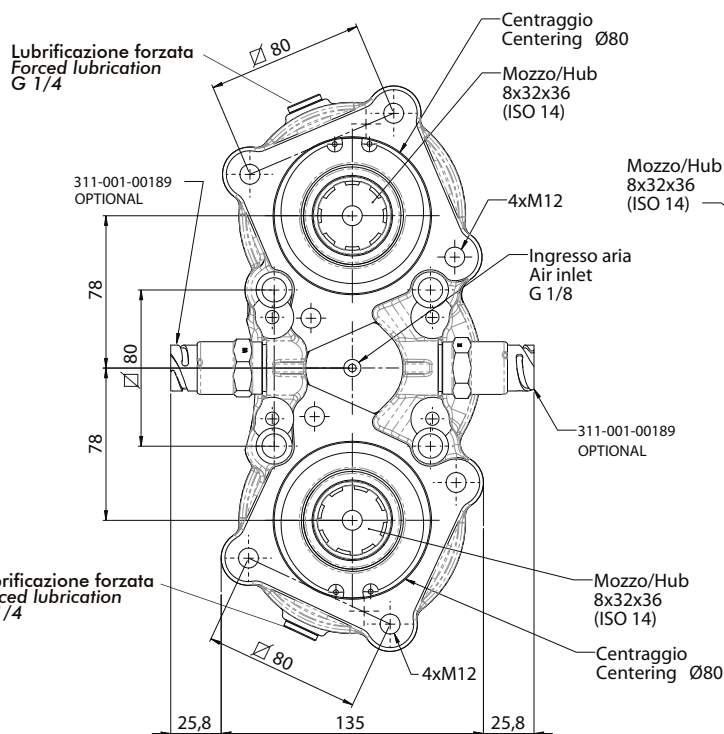
COPPIE PRELEVABILI PER
IMPIEGO SINGOLO ALBERO BASSO
MAX TORQUE LOW SHAFT SINGLE USE



COPPIE PRELEVABILI PER IMPIEGO SIMULTANEO
DEI 2 UTILIZZI
MAX TORQUE FOR USING 2 OUTPUTS
SIMULTANEOUSLY

Il grafico qui riportato, che indica il prelievo di coppia in funzione del numero di giri, riguarda solamente la PTO. È necessario verificare il limite di prelievo di potenza dal cambio prima di effettuare l'applicazione.
The graph indicating the allowed torque according to the RPM refers to the PTO only. It is necessary to check the torque limit of the gearbox before fitting the PTO.

Rapporto interno / Internal ratio 1:1,56



Albero alto
High shaft

Albero basso
Low shaft

Codice PTO PTO code	Versione Version	Giri pto a 1000 giri motore Pto ratio@1000 eng.rpm rpm	Coppia massima Max torque sulla singola uscita on single output	Rotazione Rotation	Kit montaggio Mounting kit	Peso Weight Kg
010-036-12173	217	Vedi indice See index	380 Nm	Vedi indice See index	Vedi indice See index	17,6

pag.1