

**ONE STEP
ONE STAGE GEAR**

All the units are supplied with synthetic oil for life time lubrication, no maintenance is necessary.

The gearboxes are supplied with an oil quantity possible for mounting positions B3 / B5.

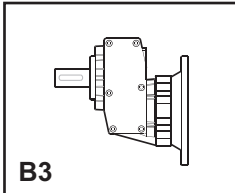
For vertical mounting V5 / V6 please specify in the order.

**ONE STEP
RIDUTTORI MONOSTADIO**

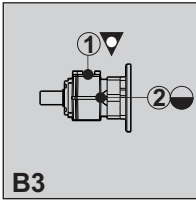
Tutti i riduttori tipo sono forniti completi di olio sintetico per una lubrificazione permanente e non necessitano di alcuna manutenzione.

I riduttori sono forniti con una quantità d'olio adatta per tutte le posizioni di montaggio.

Nel caso di utilizzo in posizioni verticali quali V5 / V6 è necessario specificare in fase d'ordine tale scelta.

	Oil quantity (Lt.) / Quantita (Lt.)			
	211A	311A	411A	511A
	0.05 LT	0.10 LT	0.20 LT	0.29 LT

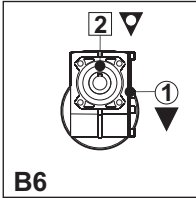
Standard



Type	211A	311A	411A	511A
Oil quantity (Lt.)	0.05	0.10	0.20	0.29
Standard ①		-		-
On request ①		I		K
On request ②		-		A

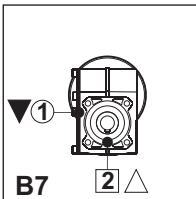
B3

On request / A richiesta



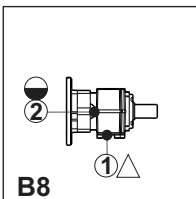
Type	211A	311A	411A	511A
Oil quantity (Lt.)	0.05	0.10	0.20	0.29
Standard ①		-		-
On request ①		I		I
On request ②		-		D

B6



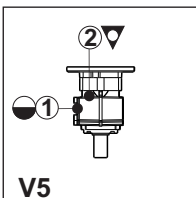
Type	211A	311A	411A	511A
Oil quantity (Lt.)	0.05	0.10	0.20	0.29
Standard ①		-		-
On request ①		I		I
On request ②		-		I

B7



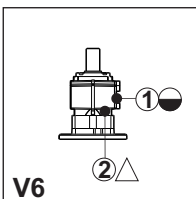
Type	211A	311A	411A	511A
Oil quantity (Lt.)	0.05	0.10	0.20	0.29
Standard ①		-		-
On request ①		I		I
On request ②		-		A

B8



Type	211A	311A	411A	511A
Oil quantity (Lt.)	0.05	0.10	0.20	0.29
Standard ①		-		-
On request ①		A		A
On request ②		-		P+J

V5



Type	211A	311A	411A	511A
Oil quantity (Lt.)	0.05	0.10	0.20	0.29
Standard ①		-		-
On request ①		I		A
On request ②		-		I

V6

☐ These plugs are on the back side. ▼ Filling & Breather ▼ Filling closed △ Emptying ● Level

 A TO1/4LIA Allum. level plug 1/4	 B TO3/8LIA Allum. level plug 3/8	 C TO3/8LIO Bronze level plug 3/8	 D TO1/4TPO With valve 1/4	 E TO3/8TPO With valve 3/8	 F TO1/8SCIOR Inox plug cl.+OR 1/8	 G TO1/4SCIOR Inox plug cl.+OR 1/4	 H TO3/8SCIOR Inox plug cl.+OR 3/8	 I TO1/4SCA Allum. closed plug 1/4	 J TO3/8CSS Steel breath plug 3/8	 K TO1/4CSS Steel breath plug 1/4	 L TO3/8SCA Allum. closed plug 3/8	 M TO3/8C90 90° steel connect. 3/8	 N TO3/8PRO Steel extension 3/8	 O TO3/8RAT T Steel connect. 3/8	 P TO3/8-1/4RID Steel red. 1/4M-3/8F	 Q TOM16*1.5LIA Aluminum Level plug M16*1.5	 R TOM16*1.5SCA Aluminum closed plug M16*1.5	 S TOM16*1.5TPO With valve M16*1.5
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SYNTHETIC OIL	
Code	Description
LUOTVSF320	Synthetic oil 'Telium VSF320'
LUOBLAS150	Synthetic oil 'Omala S4 WE320'
	Synthetic oil 'Blasia S 150'
	Synthetic oil 'Omala S4 WE150'

MINERAL OIL	
Code	Description
LUOBLAM460	Mineral oil 'Blasia 460'
	Mineral oil 'Omala S2 G 460'

**COAXIAL
COAXIAL GEARBOXES**

All the units are supplied with synthetic oil for lifetime lubrication, no maintenance is necessary.

Specify in the order, when mounting position are : V5 / V6 / V8 .

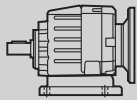


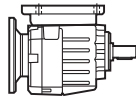
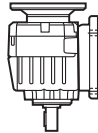
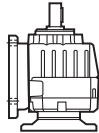
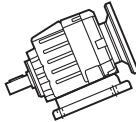
If gearboxes are ordered for B3, but used in different mounting position, just add / removed oil Q.ty up to the required level (see table).

**COAXIAL
RIDUTTORI COASSIALI**

Tutti i riduttori sono forniti completi di olio sintetico per la lubrificazione permanente e non necessitano di alcuna manutenzione.

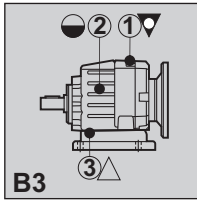
Nel caso di utilizzo in altre posizioni tipo V5 / V6 / V8 è necessario specificare in fase d'ordine tale scelta.

Nel caso i riduttori forniti con una quantità di lubrificante per posizioni di montaggio B3 vengano utilizzati in altre posizioni va aggiunto / tolto olio sintetico fino alla quantità totale riportata in tabella.

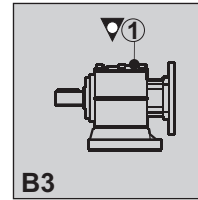
Standard		On request / A richiesta / Auf Wunsch					
							
	B3	B6	B7	B8	V5	V6	V8
202A	0.15	0.15	0.15	0.15	0.15	0.15	Contact us
302A	0.15	0.15	0.15	0.15	0.15	0.15	
402A	0.25	0.30	0.40	0.40	0.40	0.50	
403A	0.30	0.35	0.45	0.45	0.45	0.55	
452A	0.31	0.31	0.31	0.31	0.31	0.31	
502A	0.45	0.55	1.00	1.10	1.10	1.15	
503A	0.75	0.75	1.05	1.15	1.20	1.20	
602A	0.55	0.85	1.10	1.20	1.20	1.25	
603A	0.75	0.90	1.15	1.25	1.30	1.35	

Oil quantity (Lt.) / Quantita (Lt.)

Standard

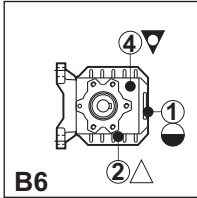


Type	402A	403A	502A	503A	602A	603A
Oil quantity (Lt.)	0.25	0.30	0.45	0.75	0.55	0.75
Standard ①						
On request ①	K					
On request ②	A					
On request ③	I					

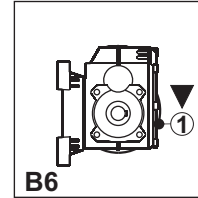


Type	202A	302A	452A
Oil quantity (Lt.)	0.15	0.15	0.31
Standard ①	-		
On request ①	I		

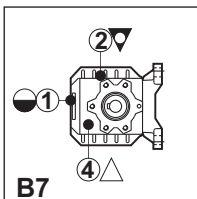
On request / A richiesta



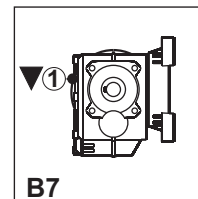
Type	402A	403A	502A	503A	602A	603A
Oil quantity (Lt.)	0.30	0.35	0.55	0.75	0.85	0.90
Standard ①						
On request ①	A					
On request ②	I					
On request ④	K					



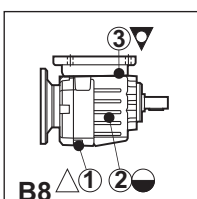
Type	202A	302A	452A
Oil quantity (Lt.)	0.15	0.15	0.31
Standard ①	-		
On request ①	I		



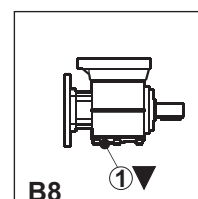
Type	402A	403A	502A	503A	602A	603A
Oil quantity (Lt.)	0.40	0.45	1.00	1.05	1.10	1.15
Standard ①						
On request ①	A					
On request ②	K					
On request ④	I					



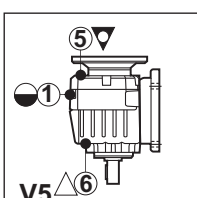
Type	202A	302A	452A
Oil quantity (Lt.)	0.15	0.15	0.31
Standard ①	-		
On request ①	I		



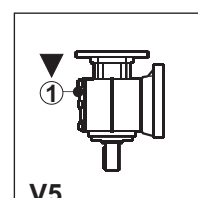
Type	402A	403A	502A	503A	602A	603A
Oil quantity (Lt.)	0.40	0.45	1.10	1.15	1.20	1.25
Standard ①						
On request ①	I					
On request ②	A					
On request ③	K					



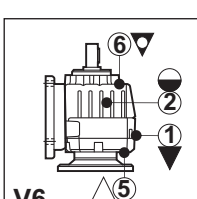
Type	202A	302A	452A
Oil quantity (Lt.)	0.15	0.15	0.31
Standard ①	-		
On request ①	I		



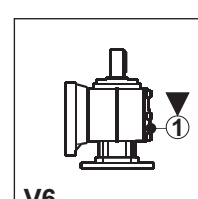
Type	402A	403A	502A	503A	602A	603A
Oil quantity (Lt.)	0.40	0.45	1.10	1.20	1.20	1.30
Standard ①						
On request ①	A					
On request ⑤	K					
On request ⑥	I					



Type	202A	302A	452A
Oil quantity (Lt.)	0.15	0.15	0.31
Standard ①	-		
On request ①	I		



Type	402A	403A	502A	503A	602A	603A
Oil quantity (Lt.)	0.50	0.55	1.15	1.20	1.25	1.35
Standard ①						
On request ①	I					
On request ②	A					
On request ⑤	I					
On request ⑥	K					



Type	202A	302A	452A
Oil quantity (Lt.)	0.15	0.15	0.31
Standard ①	-		
On request ①	I		

□ These plugs are on the back side. ▼ Filling & Breather ▼ Filling closed △ Emptying ● Level

A TO1/4LIA Allum. level plug 1/4	B TO3/8LIA Allum. level plug 3/8	C TO3/8LIO Bronze level plug 3/8	D TO1/4TPO With valve 1/4	E TO3/8TPO With valve 3/8	F TO1/8SCIOR Inox plug cl.+OR 1/8	G TO1/4SCIOR Inox plug cl.+OR 1/4	H TO3/8SCIOR Inox plug cl.+OR 3/8	I TO1/8SCIOR Inox plug cl.+OR 1/8	J TO3/8CSS Steel breath plug 3/8	K TO1/4CSS Steel breath plug 1/4	L TO1/4SCA Allum. closed plug 1/4	M TO3/8SCA Allum. closed plug 3/8	N TO3/8PRO Steel extension 3/8	O TO3/8RAT T Steel connect. 3/8	P TO3/8-1/4RID Steel red. 1/4M-3/8F	Q TO3/8CSS Aluminum Level plug M16*1.5	R TOM16*1.5SCA Aluminum closed plug M16*1.5	S TOM16*1.5TPO With valve M16*1.5
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SYNTHETIC OIL	
Code	Description
LUOTVSF320	Synthetic oil 'Telium VSF320'
LUOBLAS150	Synthetic oil 'Omala S4 WE320'
LUOBLAS150	Synthetic oil 'Blasia S 150'
LUOBLAS150	Synthetic oil 'Omala S4 WE150'

MINERAL OIL	
Code	Description
LUOBLAM460	Mineral oil 'Blasia 460'
LUOBLAM460	Mineral oil 'Omala S2 G 460'