

RIGHTANGLE WORM GEARBOXES

The units from 030 to 085 are supplied with synthetic oil, providing "long life" lubrication.
For mounting position V5 - V6 please contact us.

The unit 110 is supplied without lubricant and equipped with a breather, level and drain plugs. User can add mineral oil keeping existing plugs. Should the user wish to fill it with synthetic oil, it is recommended to replace the existing plugs with a closed plug.

The table hereafter must be referred to as for the mounting position pattern and the corresponding oil plugs, if applicable, and related lubricant quantity. These quantity are only indicative; to ensure correct filling, always refer to the centreline of the sight glass. In some cases, discrepancies, occasionally also substantial, versus the oil quantities listed in the chart may be noticed.

RIGHTANGLE HELICAL GEARBOXES

The units from P45 to P85 are supplied with synthetic oil, providing "long life" lubrication.
For mounting position V5 - V6 please contact us.

P45 and P50 gearboxes are supplied only with common lubrication.

The unit P10 (110) is supplied without lubricant and equipped with a breather, level and drain plugs. User can add mineral oil keeping existing plugs. Should the user wish to fill it with synthetic oil, it is recommended to replace the existing plugs with a closed plug.

The table hereafter must be referred to as for the mounting position pattern and the corresponding oil plugs, if applicable, and related lubricant quantity. These quantity are only indicative; to ensure correct filling, always refer to the centreline of the sight glass. In some cases, discrepancies, occasionally also substantial, versus the oil quantities listed in the chart may be noticed.

RIGHTANGLE DOUBLE WORMBOXES

The units from 303 to 854 are supplied with synthetic oil, providing "long life" lubrication.
For mounting position V5 - V6 please contact us.

In the unit 115 (110+050), the 110 is supplied without lubricant and equipped with a breather, level and drain plugs.
User can add mineral oil keeping existing plugs. Should the user wish to fill it with synthetic oil, it is recommended to replace the existing plugs with a closed plug.

The table hereafter must be referred to as for the mounting position pattern and the corresponding oil plugs, if applicable, and related lubricant quantity. These quantity are only indicative; to ensure correct filling, always refer to the centreline of the sight glass. In some cases, discrepancies, occasionally also substantial, versus the oil quantities listed in the chart may be noticed.

RIGHTANGLE RIDUTTORI A VITE SENZA FINE

I riduttori dal 030 al 085 sono forniti con lubrificazione a vita con olio sintetico.
Per posizioni V5 - V6 contattare il nostro servizio tecnico.

Il riduttore 110 è fornito privo di lubrificazione con tappi di sfiato, livello e scarico olio. L'utente può immettere olio minerale mantenendo i tappi esistenti.
Se immetterà olio sintetico, dovrà sostituire i tappi esistenti con altri tipo chiuso.

Nelle tabelle seguenti vengono rappresentate le posizioni di montaggio, la disposizione dei tappi olio e le relative quantità.

Le quantità di lubrificante sono indicative; per avere il corretto quantitativo di lubrificante si dovrà dare attinenza esclusivamente alla mezzeria del tappo livello o allo sfioramento del foro del tappo, quando presenti. Tenendo in considerazione quanto appena sostenuto la quantità di lubrificante indicata in tabella può presentare delle differenze, occasionalmente anche rilevanti.

RIGHTANGLE RIDUTTORI CON PRECOPPIA

I riduttori dal P45 al P85 sono forniti con lubrificazione a vita con olio sintetico.
Per posizioni V5 - V6 contattare il nostro servizio tecnico.

I riduttori P45 e P50 sono forniti soltanto con lubrificazione comune.

Il riduttore P10 (110) è fornito privo di lubrificazione con tappi di sfiato, livello e scarico olio. L'utente può immettere olio minerale mantenendo i tappi esistenti.
Se immetterà olio sintetico, dovrà sostituire i tappi esistenti con altri tipo chiuso.

Nelle tabelle seguenti vengono rappresentate le posizioni di montaggio, la disposizione dei tappi olio e le relative quantità.

Le quantità di lubrificante sono indicative; per avere il corretto quantitativo di lubrificante si dovrà dare attinenza esclusivamente alla mezzeria del tappo livello o allo sfioramento del foro del tappo, quando presenti. Tenendo in considerazione quanto appena sostenuto la quantità di lubrificante indicata in tabella può presentare delle differenze, occasionalmente anche rilevanti.

RIGHTANGLE RIDUTTORI COMBINATI

I riduttori dal 303 al 854 sono forniti con lubrificazione a vita con olio sintetico.
Per posizioni V5 - V6 contattare il nostro servizio tecnico.

Nel riduttore 115 (110+050), il 110 è fornito privo di lubrificazione con tappi di sfiato, livello e scarico olio. L'utente può immettere olio minerale mantenendo i tappi esistenti.
Se immetterà olio sintetico, dovrà sostituire i tappi esistenti con altri tipo chiuso.

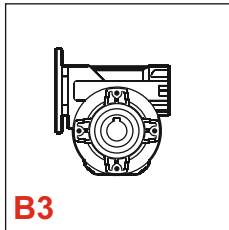
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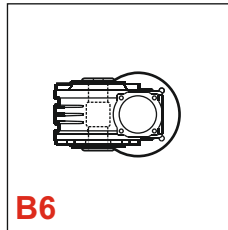
OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Tellium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasias S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

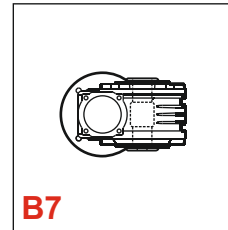
Standard



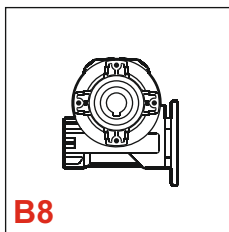
Type	030
Oil q.ty (Lt.)	0.03
Standard without oil plug	



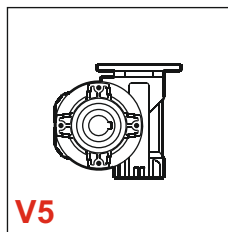
Type	030
Oil q.ty (Lt.)	0.03
Standard without oil plug	



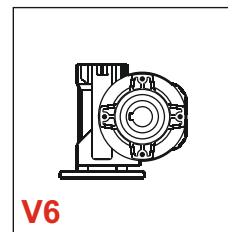
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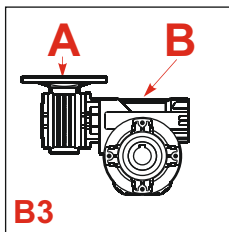


Type	030
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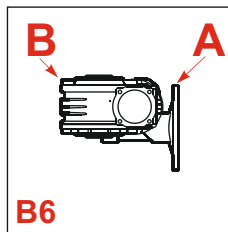


Type	030
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Standard without oil plug	

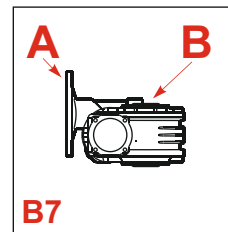
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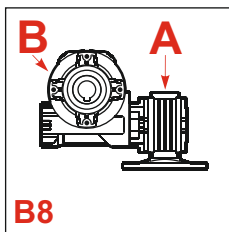
Type	303
Oil q.ty (Lt.) B	0.03
Oil q.ty (Lt.) A	0.03
Standard without oil plug	



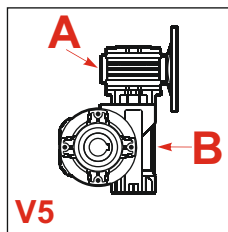
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Oil q.ty (Lt.) B	0.03
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Standard without oil plug	



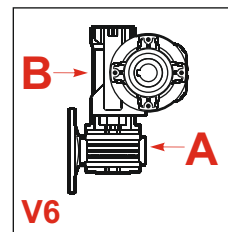
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OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side

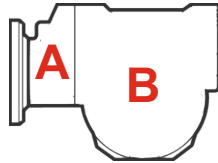
▼ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

● Level oil plug

OIL PLUG



GROUP 1
Gearbox and first stage with common lubrication between A and B

GROUP 2
Separate gearbox and first stage. Independent lubrication A and B.

SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Tellium VSF320
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Standard

<p>B3</p>	<table border="1"> <tr> <th>Type</th> <th>045</th> </tr> <tr> <td>Oil q.ty (Lt.)</td> <td>0.09</td> </tr> <tr> <td>Standard without oil plug</td> <td></td> </tr> <tr> <td>On request</td> <td>① L</td> </tr> </table>	Type	045	Oil q.ty (Lt.)	0.09	Standard without oil plug		On request	① L	<p>B6</p>	<table border="1"> <tr> <th>Type</th> <th>045</th> </tr> <tr> <td>Oil q.ty (Lt.)</td> <td>0.09</td> </tr> <tr> <td>Standard without oil plug</td> <td></td> </tr> <tr> <td>On request</td> <td>① L</td> </tr> </table>	Type	045	Oil q.ty (Lt.)	0.09	Standard without oil plug		On request	① L	<p>B7</p>	<table border="1"> <tr> <th>Type</th> <th>045</th> </tr> <tr> <td>Oil q.ty (Lt.)</td> <td>0.09</td> </tr> <tr> <td>Standard without oil plug</td> <td></td> </tr> <tr> <td>On request</td> <td>① L</td> </tr> </table>	Type	045	Oil q.ty (Lt.)	0.09	Standard without oil plug		On request	① L
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First stage

<p>B3 GROUP 1</p>	<table border="1"> <tr> <th>Type</th> <th>P45</th> </tr> <tr> <td>Oil q.ty (Lt.)</td> <td>0.17</td> </tr> <tr> <td>Standard without oil plug</td> <td></td> </tr> <tr> <td>On request</td> <td>① L</td> </tr> </table>	Type	P45	Oil q.ty (Lt.)	0.17	Standard without oil plug		On request	① L	<p>B6 GROUP 1</p>	<table border="1"> <tr> <th>Type</th> <th>P45</th> </tr> <tr> <td>Oil q.ty (Lt.)</td> <td>0.17</td> </tr> <tr> <td>Standard without oil plug</td> <td></td> </tr> <tr> <td>On request</td> <td>① L</td> </tr> </table>	Type	P45	Oil q.ty (Lt.)	0.17	Standard without oil plug		On request	① L	<p>B7 GROUP 1</p>	<table border="1"> <tr> <th>Type</th> <th>P45</th> </tr> <tr> <td>Oil q.ty (Lt.)</td> <td>0.17</td> </tr> <tr> <td>Standard without oil plug</td> <td></td> </tr> <tr> <td>On request</td> <td>① L</td> </tr> </table>	Type	P45	Oil q.ty (Lt.)	0.17	Standard without oil plug		On request	① L
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Combined

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OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side

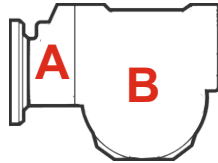
▼ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

● Level oil plug

OIL PLUG

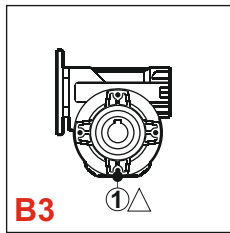


GROUP 1
Gearbox and first stage with common lubrication between A and B

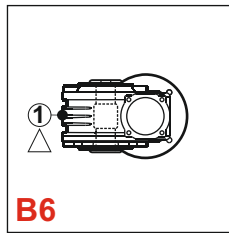
GROUP 2
Separate gearbox and first stage. Independent lubrication A and B.

SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Tellium VSF320
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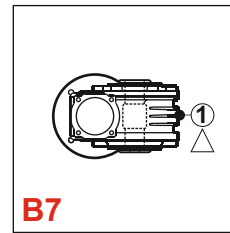
Standard



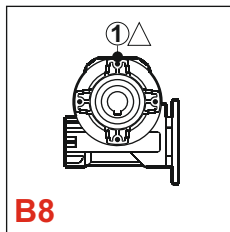
Type	050
Oil q.ty (Lt.)	0.14
Standard without oil plug	
On request	① L



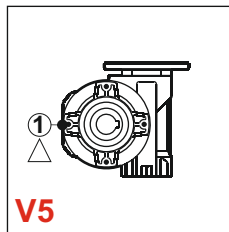
Type	050
Oil q.ty (Lt.)	0.14
Standard without oil plug	
On request	① L



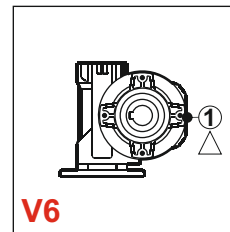
Type	050
Oil q.ty (Lt.)	0.14
Standard without oil plug	
On request	① L



Type	050
Oil q.ty (Lt.)	0.14
Standard without oil plug	
On request	① L

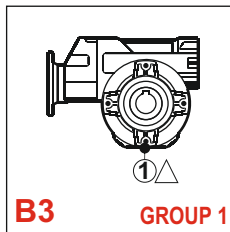


Type	050
Oil q.ty (Lt.)	0.14
Standard without oil plug	
On request	① L

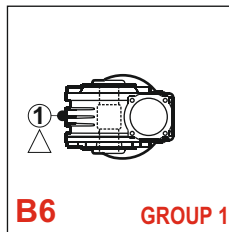


Type	050
Oil q.ty (Lt.)	0.14
Standard without oil plug	
On request	① L

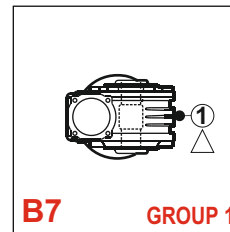
First stage



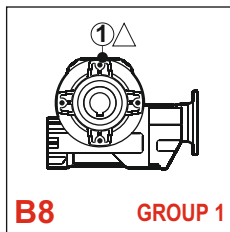
Type	P50
Oil q.ty (Lt.)	0.26
Standard without oil plug	
On request	① L



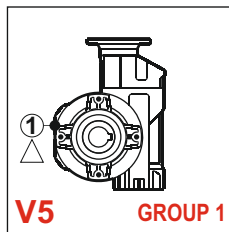
Type	P50
Oil q.ty (Lt.)	0.26
Standard without oil plug	
On request	① L



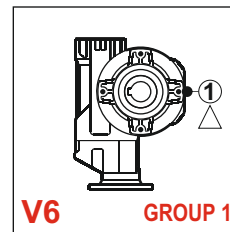
Type	P50
Oil q.ty (Lt.)	0.26
Standard without oil plug	
On request	① L



Type	P50
Oil q.ty (Lt.)	0.26
Standard without oil plug	
On request	① L

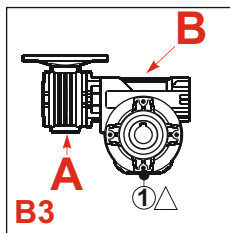


Type	P50
Oil q.ty (Lt.)	0.26
Standard without oil plug	
On request	① L

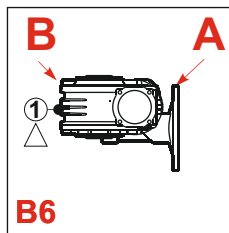


Type	P50
Oil q.ty (Lt.)	0.26
Standard without oil plug	
On request	① L

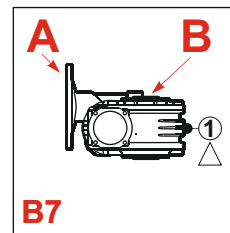
Combined



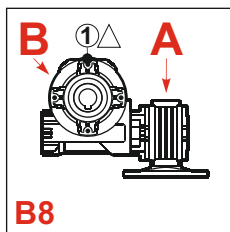
Type	503
Oil q.ty (Lt.) B	0.14
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



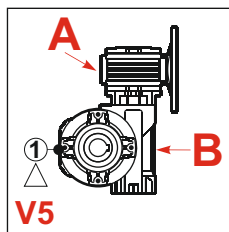
Type	503
Oil q.ty (Lt.) B	0.14
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



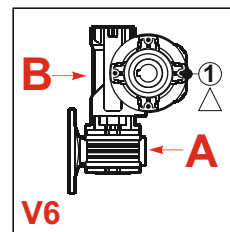
Type	503
Oil q.ty (Lt.) B	0.14
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



Type	503
Oil q.ty (Lt.) B	0.14
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



Type	503
Oil q.ty (Lt.) B	0.14
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



Type	503
Oil q.ty (Lt.) B	0.14
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L

OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

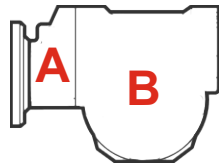
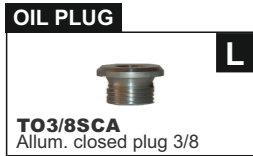
□ Oil plug are on the back side

▼ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

● Level oil plug

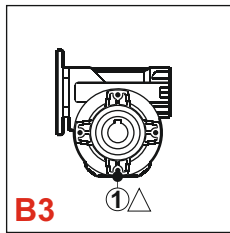


GROUP 1
Gearbox and first stage with common lubrication between A and B

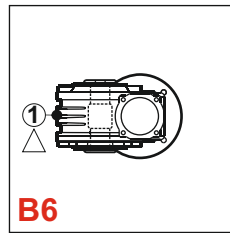
GROUP 2
Separate gearbox and first stage. Independent lubrication A and B.

SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Tellium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasia S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

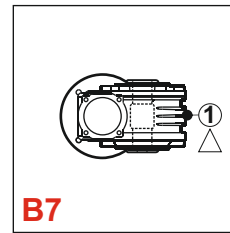
Standard



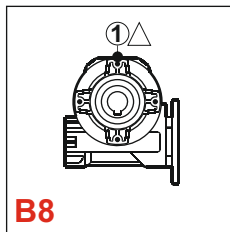
Type	063
Oil q.ty (Lt.)	0.40
Standard without oil plug	
On request	① L



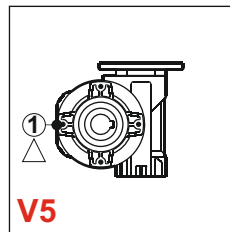
Type	063
Oil q.ty (Lt.)	0.40
Standard without oil plug	
On request	① L



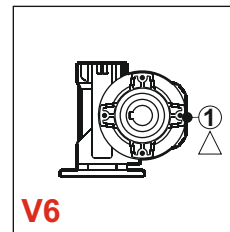
Type	063
Oil q.ty (Lt.)	0.40
Standard without oil plug	
On request	① L



Type	063
Oil q.ty (Lt.)	0.40
Standard without oil plug	
On request	① L

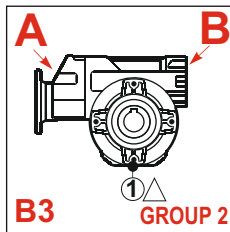


Type	063
Oil q.ty (Lt.)	0.40
Standard without oil plug	
On request	① L

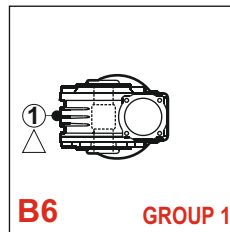


Type	063
Oil q.ty (Lt.)	0.40
Standard without oil plug	
On request	① L

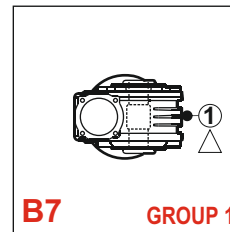
First stage



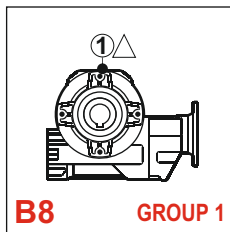
Type	P63
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.08
Standard without oil plug	
On request	① L



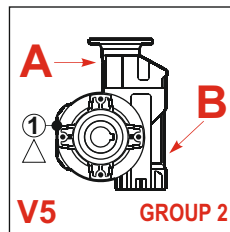
Type	P63
Oil q.ty (Lt.)	0.38
Standard without oil plug	
On request	① L



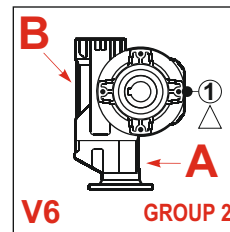
Type	P63
Oil q.ty (Lt.)	0.38
Standard without oil plug	
On request	① L



Type	P63
Oil q.ty (Lt.)	0.38
Standard without oil plug	
On request	① L

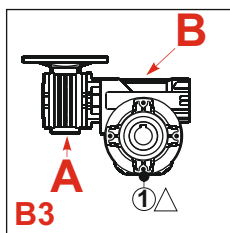


Type	P63
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.08
Standard without oil plug	
On request	① L

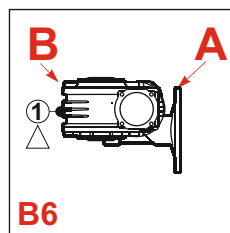


Type	P63
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.08
Standard without oil plug	
On request	① L

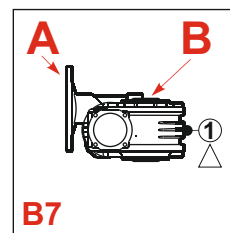
Combined



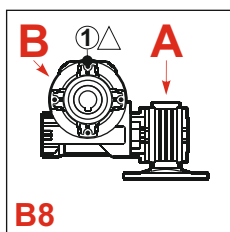
Type	633
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



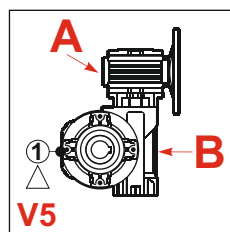
Type	633
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



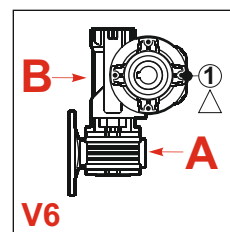
Type	633
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



Type	633
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



Type	633
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



Type	633
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L

OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side

▼ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

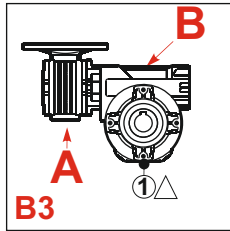
● Level oil plug

OIL PLUG

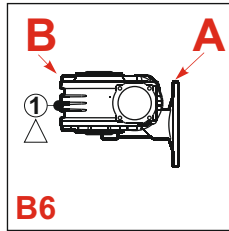


SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Tellium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasias S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

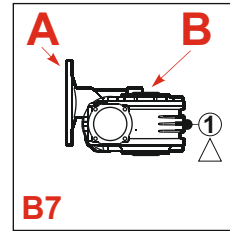
Combined



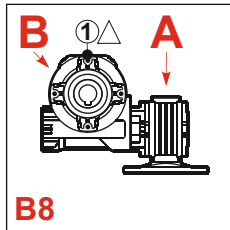
Type	634
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.09
Standard without oil plug	
On request	① L



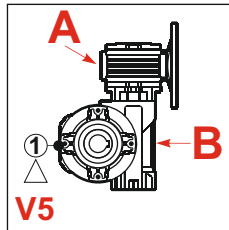
Type	634
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.09
Standard without oil plug	
On request	① L



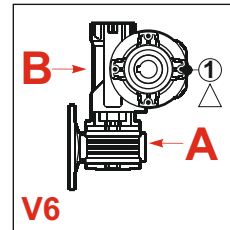
Type	634
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.09
Standard without oil plug	
On request	① L



Type	634
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.09
Standard without oil plug	
On request	① L



Type	634
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.09
Standard without oil plug	
On request	① L



Type	634
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.09
Standard without oil plug	
On request	① L

OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side

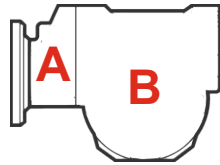
▼ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

● Level oil plug

OIL PLUG

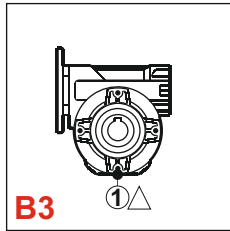


GROUP 1
Gearbox and first stage with common lubrication between A and B

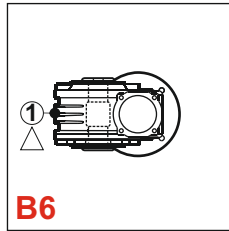
GROUP 2
Separate gearbox and first stage. Independent lubrication A and B.

SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Tellium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasias S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

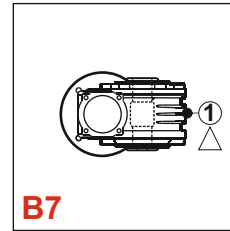
Standard



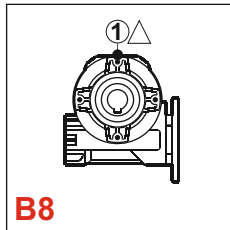
Type	63A
Oil q.ty (Lt.)	0.40
Standard without oil plug	
On request	① L



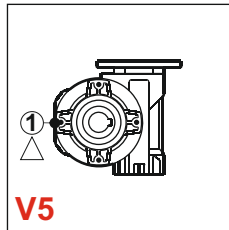
Type	63A
Oil q.ty (Lt.)	0.40
Standard without oil plug	
On request	① L



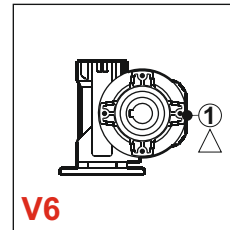
Type	63A
Oil q.ty (Lt.)	0.40
Standard without oil plug	
On request	① L



Type	63A
Oil q.ty (Lt.)	0.40
Standard without oil plug	
On request	① L

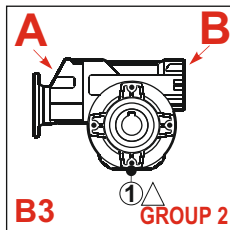


Type	63A
Oil q.ty (Lt.)	0.40
Standard without oil plug	
On request	① L

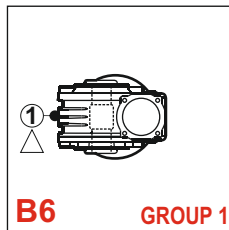


Type	63A
Oil q.ty (Lt.)	0.40
Standard without oil plug	
On request	① L

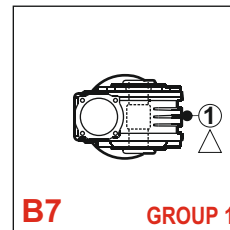
First stage



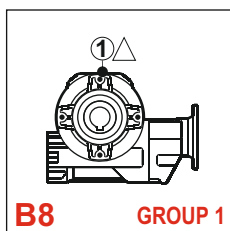
Type	P6A
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.08
Standard without oil plug	
On request	① L



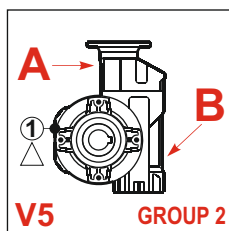
Type	P6A
Oil q.ty (Lt.)	0.38
Standard without oil plug	
On request	① L



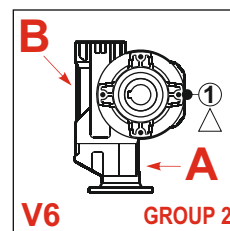
Type	P6A
Oil q.ty (Lt.)	0.38
Standard without oil plug	
On request	① L



Type	P6A
Oil q.ty (Lt.)	0.38
Standard without oil plug	
On request	① L

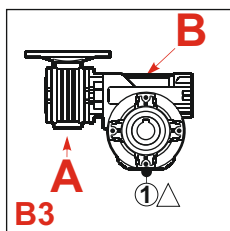


Type	P6A
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.08
Standard without oil plug	
On request	① L

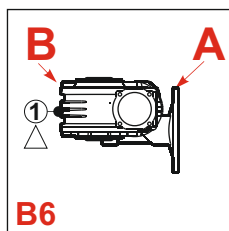


Type	P6A
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.08
Standard without oil plug	
On request	① L

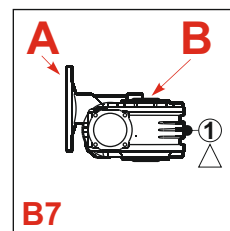
Combined



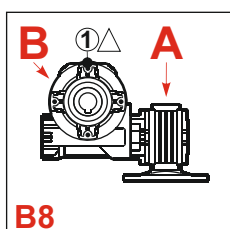
Type	6A3
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



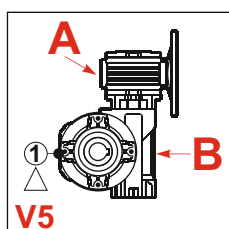
Type	6A3
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



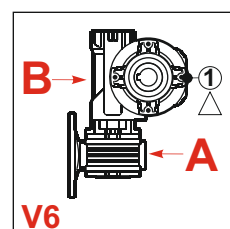
Type	6A3
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



Type	6A3
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



Type	6A3
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L



Type	6A3
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.03
Standard without oil plug	
On request	① L

OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side

▼ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

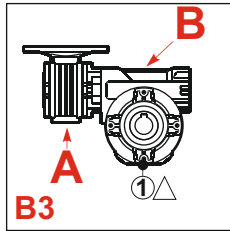
● Level oil plug

OIL PLUG

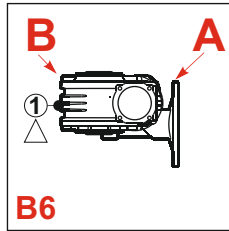


SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Tellium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasias S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

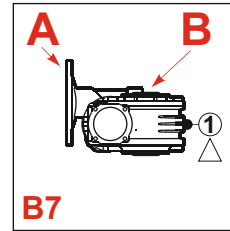
Combined



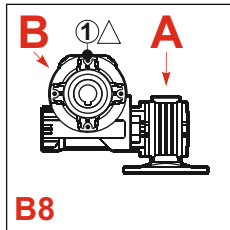
Type	6A4
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.09
Standard without oil plug	
On request	① L



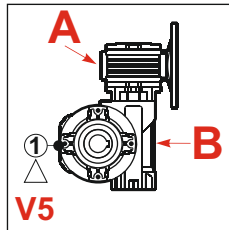
Type	6A4
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.09
Standard without oil plug	
On request	① L



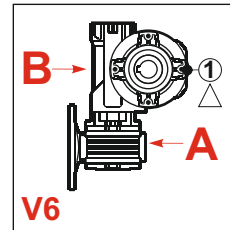
Type	6A4
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.09
Standard without oil plug	
On request	① L



Type	6A4
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.09
Standard without oil plug	
On request	① L



Type	6A4
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.09
Standard without oil plug	
On request	① L



Type	6A4
Oil q.ty (Lt.) B	0.40
Oil q.ty (Lt.) A	0.09
Standard without oil plug	
On request	① L

OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side






▼ Filled & breather oil plug

▼ Closed oil plug

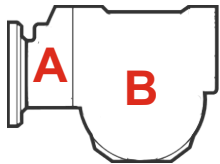
△ Drain oil plug

● Level oil plug

OIL PLUG

 TO3/8LIA Allum. level plug 3/8	B	 TO3/8CSS Breather plug 3/8	J	 TO3/8SCA Allum. closed plug 3/8	L
 TO3/8C90 90° steel connect 3/8	M	 TO3/8PRO Steel extension 3/8	N		

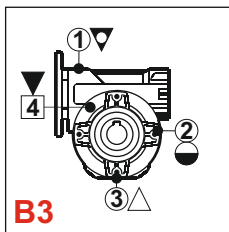
SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Tellium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasias S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320



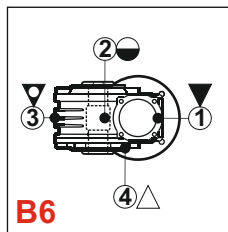
GROUP 1
Gearbox and first stage with common lubrication between A and B

GROUP 2
Separate gearbox and first stage. Independent lubrication A and B.

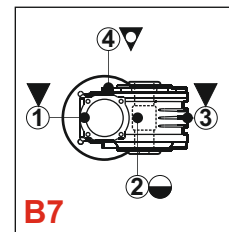
Standard



Type	085								
Oil q.ty (Lt.)	1.20								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>J</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	J	2	B	3	L	4	L
1	J								
2	B								
3	L								
4	L								



Type	085								
Oil q.ty (Lt.)	1.20								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>M+N+J</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L	2	B	3	M+N+J	4	L
1	L								
2	B								
3	M+N+J								
4	L								



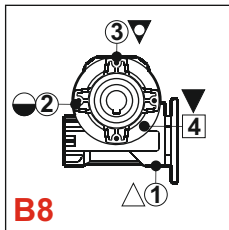
Type	085								
Oil q.ty (Lt.)	1.20								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L</td></tr> <tr><td>4</td><td>J</td></tr> </table>	1	L	2	B	3	L	4	J
1	L								
2	B								
3	L								
4	J								

With feet →

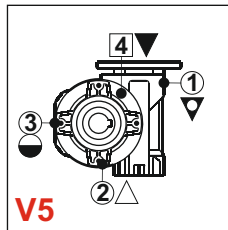
	PA	PB
1	M+N+J	L
2	B	B
3	L	M+N+J
4	L	L

With feet →

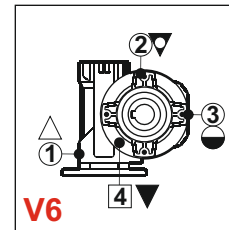
	PA	PB
1	M+N+J	L
2	B	B
3	L	M+N+J
4	L	L



Type	085								
Oil q.ty (Lt.)	1.20								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>J</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L	2	B	3	J	4	L
1	L								
2	B								
3	J								
4	L								

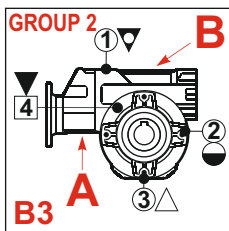


Type	085								
Oil q.ty (Lt.)	1.20								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>J</td></tr> <tr><td>2</td><td>L</td></tr> <tr><td>3</td><td>B</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	J	2	L	3	B	4	L
1	J								
2	L								
3	B								
4	L								

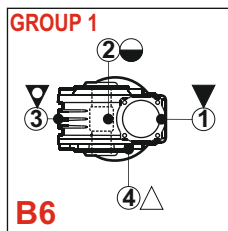


Type	085								
Oil q.ty (Lt.)	1.20								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>J</td></tr> <tr><td>3</td><td>B</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L	2	J	3	B	4	L
1	L								
2	J								
3	B								
4	L								

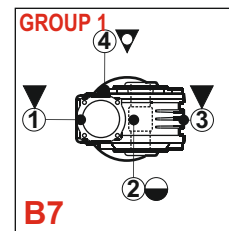
First stage



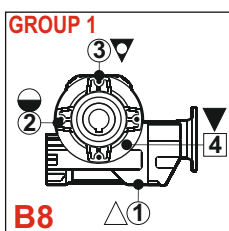
Type	P85								
Oil q.ty (Lt.) B	1.20								
Oil q.ty (Lt.) A	0.14								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>J</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	J	2	B	3	L	4	L
1	J								
2	B								
3	L								
4	L								



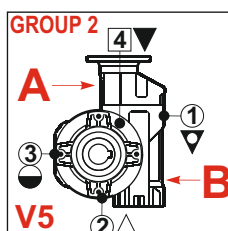
Type	P85								
Oil q.ty (Lt.)	0.90								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>M+N+J</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L	2	B	3	M+N+J	4	L
1	L								
2	B								
3	M+N+J								
4	L								



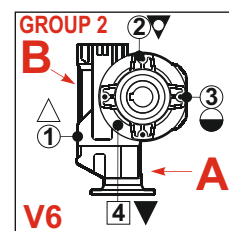
Type	P85								
Oil q.ty (Lt.)	0.90								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L</td></tr> <tr><td>4</td><td>J</td></tr> </table>	1	L	2	B	3	L	4	J
1	L								
2	B								
3	L								
4	J								



Type	P85								
Oil q.ty (Lt.)	0.90								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>J</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L	2	B	3	J	4	L
1	L								
2	B								
3	J								
4	L								



Type	P85								
Oil q.ty (Lt.) B	1.20								
Oil q.ty (Lt.) A	0.14								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>J</td></tr> <tr><td>2</td><td>L</td></tr> <tr><td>3</td><td>B</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	J	2	L	3	B	4	L
1	J								
2	L								
3	B								
4	L								



Type	P85								
Oil q.ty (Lt.) B	1.20								
Oil q.ty (Lt.) A	0.14								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>J</td></tr> <tr><td>3</td><td>B</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L	2	J	3	B	4	L
1	L								
2	J								
3	B								
4	L								

OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side






▼ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

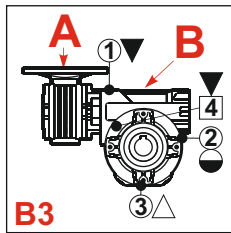
● Level oil plug

OIL PLUG

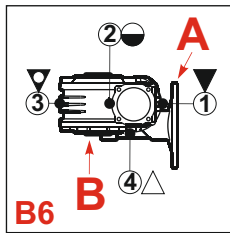
 TO3/8LIA Allum. level plug 3/8	 TO3/8CSS Breather plug 3/8	 TO3/8SCA Allum. closed plug 3/8
 TO3/8C90 90° steel connect 3/8	 TO3/8PRO Steel extension 3/8	

SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Tellium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasia S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

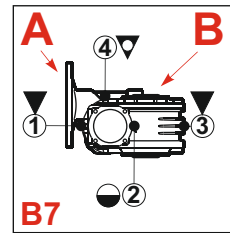
Combined



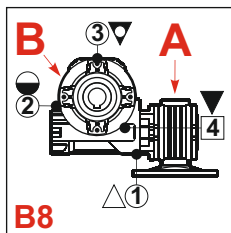
Type	854								
Oil q.ty (Lt.) B	1.20								
Oil q.ty (Lt.) A	0.09								
Standard without oil plug									
On request	<table border="1"> <tr><td>①</td><td>J</td></tr> <tr><td>②</td><td>B</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>L</td></tr> </table>	①	J	②	B	③	L	④	L
①	J								
②	B								
③	L								
④	L								



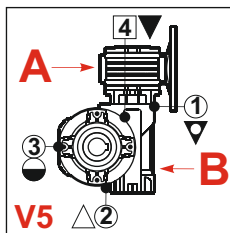
Type	854								
Oil q.ty (Lt.) B	1.20								
Oil q.ty (Lt.) A	0.09								
Standard without oil plug									
On request	<table border="1"> <tr><td>①</td><td>L</td></tr> <tr><td>②</td><td>B</td></tr> <tr><td>③</td><td>M+N+J</td></tr> <tr><td>④</td><td>L</td></tr> </table>	①	L	②	B	③	M+N+J	④	L
①	L								
②	B								
③	M+N+J								
④	L								



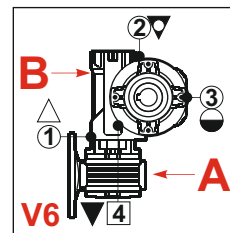
Type	854								
Oil q.ty (Lt.) B	1.20								
Oil q.ty (Lt.) A	0.09								
Standard without oil plug									
On request	<table border="1"> <tr><td>①</td><td>L</td></tr> <tr><td>②</td><td>B</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>J</td></tr> </table>	①	L	②	B	③	L	④	J
①	L								
②	B								
③	L								
④	J								



Type	854								
Oil q.ty (Lt.) B	1.20								
Oil q.ty (Lt.) A	0.09								
Standard without oil plug									
On request	<table border="1"> <tr><td>①</td><td>L</td></tr> <tr><td>②</td><td>B</td></tr> <tr><td>③</td><td>J</td></tr> <tr><td>④</td><td>L</td></tr> </table>	①	L	②	B	③	J	④	L
①	L								
②	B								
③	J								
④	L								



Type	854								
Oil q.ty (Lt.) B	1.20								
Oil q.ty (Lt.) A	0.09								
Standard without oil plug									
On request	<table border="1"> <tr><td>①</td><td>J</td></tr> <tr><td>②</td><td>L</td></tr> <tr><td>③</td><td>B</td></tr> <tr><td>④</td><td>L</td></tr> </table>	①	J	②	L	③	B	④	L
①	J								
②	L								
③	B								
④	L								



Type	854								
Oil q.ty (Lt.) B	1.20								
Oil q.ty (Lt.) A	0.09								
Standard without oil plug									
On request	<table border="1"> <tr><td>①</td><td>L</td></tr> <tr><td>②</td><td>J</td></tr> <tr><td>③</td><td>B</td></tr> <tr><td>④</td><td>L</td></tr> </table>	①	L	②	J	③	B	④	L
①	L								
②	J								
③	B								
④	L								

OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side

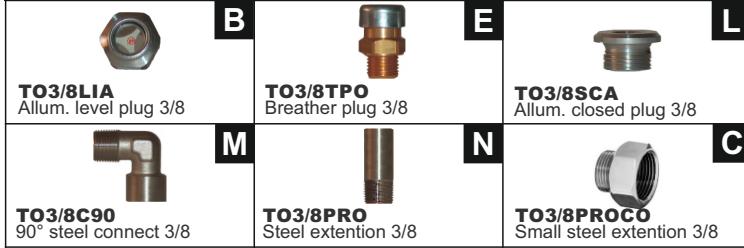
▼ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

● Level oil plug

OIL PLUG

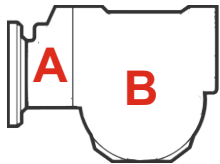


IMPORTANT!!

- With oil charge (mineral or synthetic) fix all plugs with AREXONS 35A42 hydraulic sealant lock
- No oil charge, don't use sealant to lock the plugs

SYNTHETIC OIL (Mount all closed plugs)	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Telium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasia S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

MINERAL OIL	
Code	Description
LUOBLAM460 (Standard)	Eni Blasia 460 Shell Omala S2 GX460



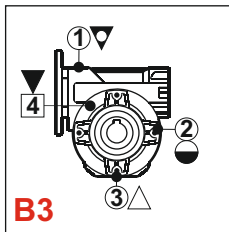
GROUP 1

Gearbox and first stage with common lubrication between A and B

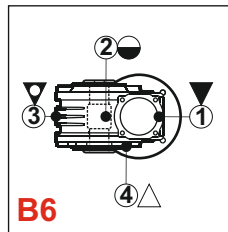
GROUP 2

Separate gearbox and first stage.
Independent lubrication
A - Synthetic Oil
B - Mineral Oil

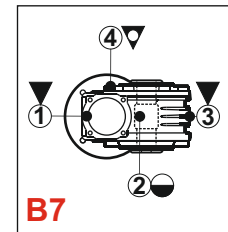
Standard



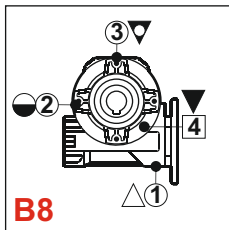
Type	110								
Oil q.ty (Lt.)	1.90								
(E) Supply loose									
Standard	<table border="1"> <tr><td>1</td><td>L (E)</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L (E)	2	B	3	L	4	L
1	L (E)								
2	B								
3	L								
4	L								



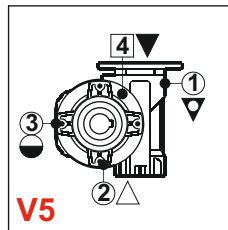
Type	110								
Oil q.ty (Lt.)	1.35								
(M+N+E) Supply loose									
Standard	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L (M+N+E)</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L	2	B	3	L (M+N+E)	4	L
1	L								
2	B								
3	L (M+N+E)								
4	L								



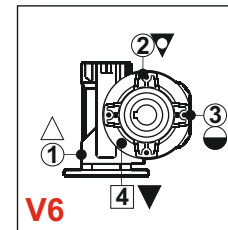
Type	110								
Oil q.ty (Lt.)	1.35								
(M+N+E) Supply loose									
Standard	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L (M+N+E)</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L	2	B	3	L (M+N+E)	4	L
1	L								
2	B								
3	L (M+N+E)								
4	L								



Type	110								
Oil q.ty (Lt.)	2.00								
(E) Supply loose									
Standard	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L (E)</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L	2	B	3	L (E)	4	L
1	L								
2	B								
3	L (E)								
4	L								

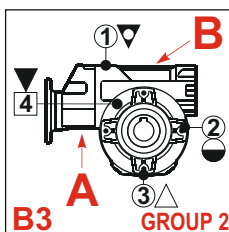


Type	110								
Oil q.ty (Lt.)	2.00								
(C+M+E) Supply loose									
Standard	<table border="1"> <tr><td>1</td><td>L (C+M+E)</td></tr> <tr><td>2</td><td>L</td></tr> <tr><td>3</td><td>B</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L (C+M+E)	2	L	3	B	4	L
1	L (C+M+E)								
2	L								
3	B								
4	L								

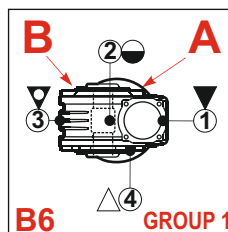


Type	110								
Oil q.ty (Lt.)	2.00								
(E) Supply loose									
Standard	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>L (E)</td></tr> <tr><td>3</td><td>B</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L	2	L (E)	3	B	4	L
1	L								
2	L (E)								
3	B								
4	L								

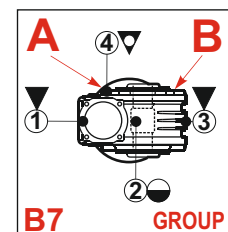
First stage



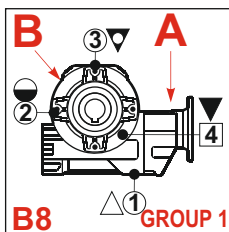
Type	P10								
Oil q.ty (Lt.) B	1.90								
Oil q.ty (Lt.) A	0.14								
(E) Supply loose									
Standard	<table border="1"> <tr><td>1</td><td>L (E)</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L (E)	2	B	3	L	4	L
1	L (E)								
2	B								
3	L								
4	L								



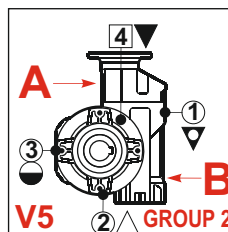
Type	P10								
Oil q.ty (Lt.) B	1.35								
Oil q.ty (Lt.) A	0.14								
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1	L								
2	B								
3	L (M+N+E)								
4	L								



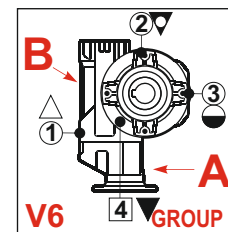
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1	L								
2	L (E)								
3	B								
4	L								

OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side







▼ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

● Level oil plug

OIL PLUG

 TO3/8LIA Allum. level plug 3/8	B	 TO3/8TPO Breather plug 3/8	E	 TO3/8SCA Allum. closed plug 3/8	L
 TO3/8C90 90° steel connect 3/8	M	 TO3/8PRO Steel extension 3/8	N	 TO3/8PROCO Small steel extension 3/8	C

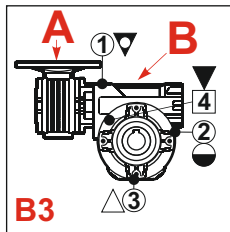
IMPORTANT!!

- With oil charge (mineral or synthetic) fix all plugs with AREXONS 35A42 hydraulic sealant lock
- No oil charge, don't use sealant to lock the plugs

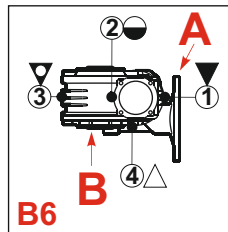
SYNTHETIC OIL (Mount all closed plugs)	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Telium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasias S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

MINERAL OIL	
Code	Description
LUOBLAM460 (Standard)	Eni Blasias 460 Shell Omala S2 GX460

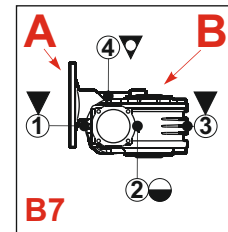
Combined



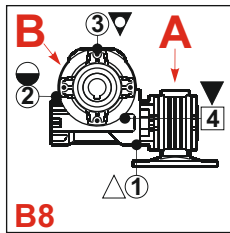
Type	115								
Oil q.ty (Lt.) B	1.90								
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Standard	<table border="1"> <tr><td>1</td><td>L (E)</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L (E)	2	B	3	L	4	L
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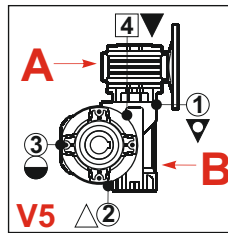
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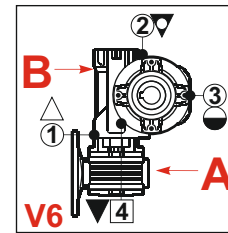
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