

Q SERIES SQUARE WORM GEARBOXES

The units from Q63 to Q85 are supplied with synthetic oil, providing "long life" lubrication.
For mounting position V5 - V6 please contact us.

The unit Q11 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.

Q SERIES SQUARE HELICAL WORMBOXES

The units from P6Q to P8Q are supplied with synthetic oil, providing "long life" lubrication.
For mounting position V5 - V6 please contact us.

The unit P1Q 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.

Q SERIES SQUARE DOUBLE WORMBOXES

The units from 63Q to 84Q are supplied with synthetic oil, providing "long life" lubrication.
For mounting position V5 - V6 please contact us.

In the unit 15Q (11Q+050), the 11Q 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.

Q SERIES SQUARE RIDUTTORI A VITE SENZA FINE

I riduttori dal Q63 al Q85 sono forniti con lubrificazione a vita con olio sintetico.
Per posizioni V5 - V6 contattare il nostro servizio tecnico.

Il riduttore Q11 é 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.

Q SERIES SQUARE RIDUTTORI CON PRECOPPIA

I riduttori dal P6Q al P8Q sono forniti con lubrificazione a vita con olio sintetico.
Per posizioni V5 - V6 contattare il nostro servizio tecnico.

Il riduttore P1Q 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.

Q SERIES SQUARE RIDUTTORI COMBINATI

I riduttori dal 63Q al 84Q sono forniti con lubrificazione a vita con olio sintetico.
Per posizioni V5 - V6 contattare il nostro servizio tecnico.

Nel riduttore 15Q (11Q+050), l' 11Q 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.

OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side






▽ Filled & breather oil plug

▼ Closed oil plug

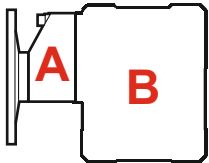
△ Drain oil plug

● Level oil plug

OIL PLUG

 TO1/4LIA Allum. level plug 1/4	A	 TO1/4SCA Allum. closed plug 1/4	I	 TO1/4CSS Breather plug 1/4	K
 TO1/4C90 90° steel connect 1/4	T	 TO1/4PRO Steel extension 1/4	U		

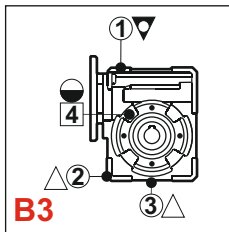
SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Telium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasia S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320



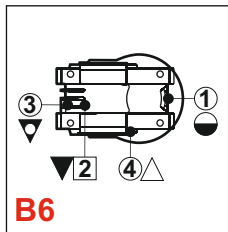
GROUP 1
Gearbox and first stage with common lubrication between A and B

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

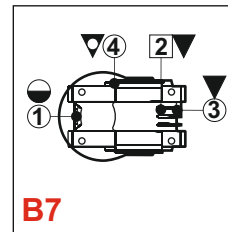
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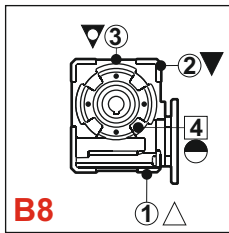
Type	Q63								
Oil q.ty (Lt.)	0.30								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>K</td></tr> <tr><td>2</td><td>I</td></tr> <tr><td>3</td><td>I</td></tr> <tr><td>4</td><td>A</td></tr> </table>	1	K	2	I	3	I	4	A
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2	I								
3	I								
4	A								



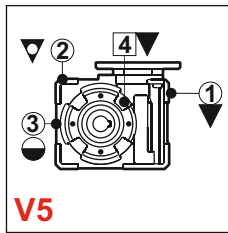
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Oil q.ty (Lt.)	0.30								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>A</td></tr> <tr><td>2</td><td>I</td></tr> <tr><td>3</td><td>T+U+K</td></tr> <tr><td>4</td><td>I</td></tr> </table>	1	A	2	I	3	T+U+K	4	I
1	A								
2	I								
3	T+U+K								
4	I								



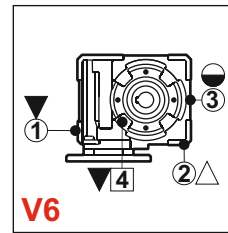
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Oil q.ty (Lt.)	0.30								
Standard without oil plug									
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1	A								
2	I								
3	I								
4	K								



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Oil q.ty (Lt.)	0.30								
Standard without oil plug									
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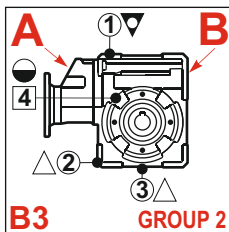


Type	Q63								
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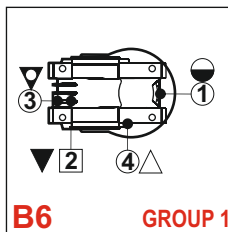


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Oil q.ty (Lt.)	0.30								
Standard without oil plug									
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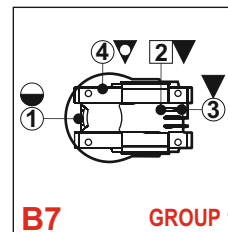
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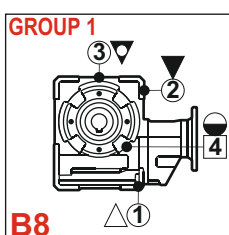
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Oil q.ty (Lt.) ^A	0.08								
Standard without oil plug									
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2	I								
3	I								
4	A								



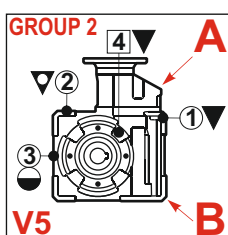
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Oil q.ty (Lt.)	0.35								
Standard without oil plug									
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2	I								
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4	I								



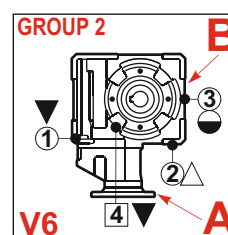
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Oil q.ty (Lt.)	0.35								
Standard without oil plug									
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2	I								
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4	K								



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Oil q.ty (Lt.)	0.35								
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

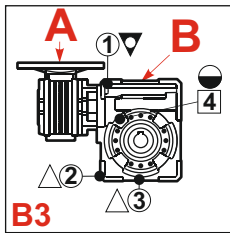
● Level oil plug

OIL PLUG

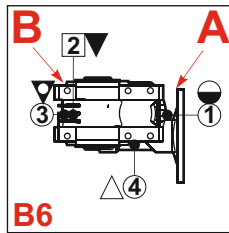
 TO1/4LIA Allum. level plug 1/4	 TO1/4SCA Allum. closed plug 1/4	 TO1/4CSS Breather plug 1/4
 TO1/4C90 90° steel connect 1/4	 TO1/4PRO Steel extension 1/4	

SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Telium VSF320
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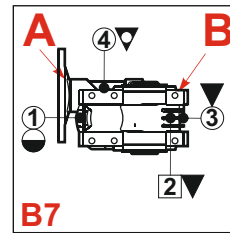
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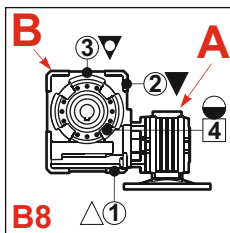
Type	63Q								
Oil q.ty (Lt.) B	0.30								
Oil q.ty (Lt.) A	0.03								
Standard without oil plug									
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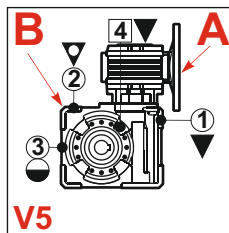
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Standard without oil plug									
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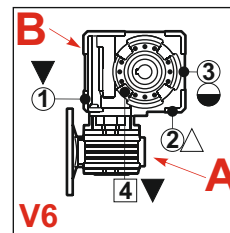
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Oil q.ty (Lt.) B	0.30								
Oil q.ty (Lt.) A	0.03								
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3	I								
4	K								



Type	63Q								
Oil q.ty (Lt.) B	0.30								
Oil q.ty (Lt.) A	0.03								
Standard without oil plug									
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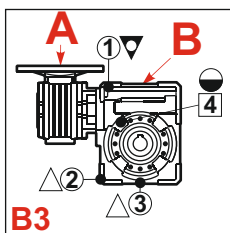


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Standard without oil plug									
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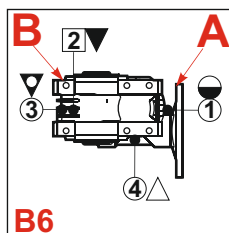


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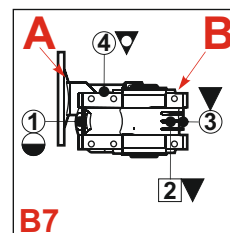
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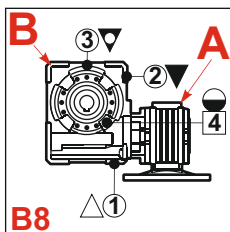
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Oil q.ty (Lt.) A	0.09								
Standard without oil plug									
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4	A								



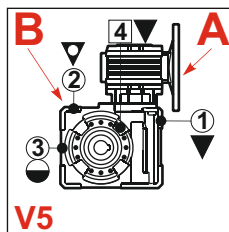
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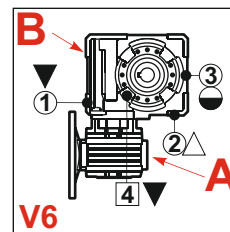
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3	A								
4	I								

OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side






▽ Filled & breather oil plug

▼ Closed oil plug

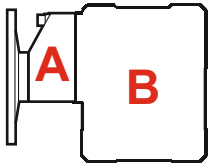
△ Drain oil plug

● Level oil plug

OIL PLUG

 TO1/4LIA Allum. level plug 1/4	A	 TO1/4SCA Allum. closed plug 1/4	I	 TO1/4CSS Breather plug 1/4	K
 TO1/4C90 90° steel connect 1/4	T	 TO1/4PRO Steel extension 1/4	U		

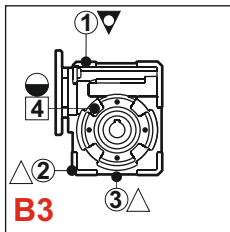
SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Telium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasia S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320



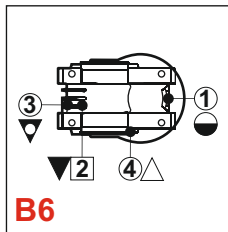
GROUP 1
Gearbox and first stage with common lubrication between A and B

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

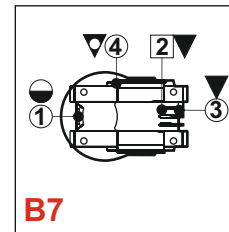
Standard



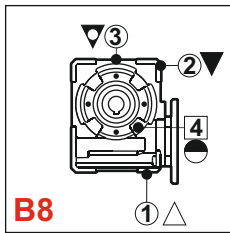
Type	Q75								
Oil q.ty (Lt.)	0.40								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>K</td></tr> <tr><td>2</td><td>I</td></tr> <tr><td>3</td><td>I</td></tr> <tr><td>4</td><td>A</td></tr> </table>	1	K	2	I	3	I	4	A
1	K								
2	I								
3	I								
4	A								



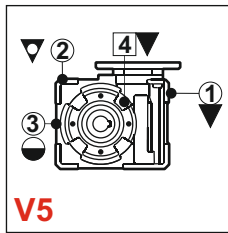
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Oil q.ty (Lt.)	0.40								
Standard without oil plug									
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2	I								
3	T+U+K								
4	I								



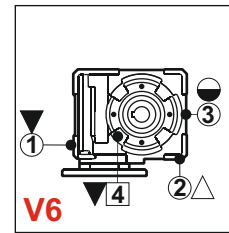
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Oil q.ty (Lt.)	0.40								
Standard without oil plug									
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1	A								
2	I								
3	I								
4	K								



Type	Q75								
Oil q.ty (Lt.)	0.40								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>I</td></tr> <tr><td>2</td><td>I</td></tr> <tr><td>3</td><td>K</td></tr> <tr><td>4</td><td>A</td></tr> </table>	1	I	2	I	3	K	4	A
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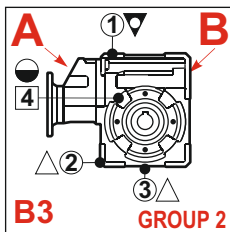


Type	Q75								
Oil q.ty (Lt.)	0.40								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>I</td></tr> <tr><td>2</td><td>K</td></tr> <tr><td>3</td><td>A</td></tr> <tr><td>4</td><td>I</td></tr> </table>	1	I	2	K	3	A	4	I
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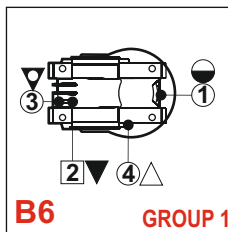


Type	Q75								
Oil q.ty (Lt.)	0.40								
Standard without oil plug									
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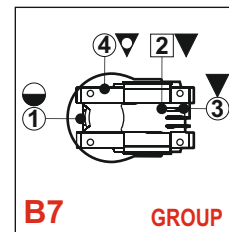
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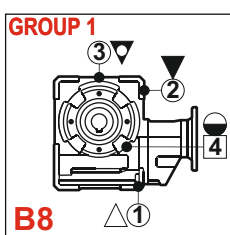
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Oil q.ty (Lt.) ^A	0.14								
Standard without oil plug									
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1	K								
2	I								
3	I								
4	A								



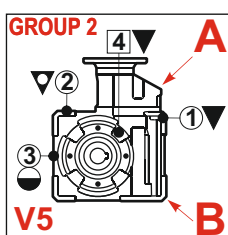
Type	P7Q								
Oil q.ty (Lt.)	0.65								
Standard without oil plug									
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1	A								
2	I								
3	T+U+K								
4	I								



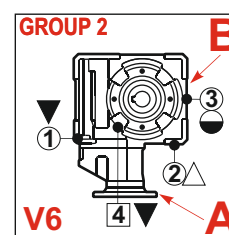
Type	P7Q								
Oil q.ty (Lt.)	0.65								
Standard without oil plug									
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1	A								
2	I								
3	I								
4	K								



Type	P7Q								
Oil q.ty (Lt.)	0.65								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>I</td></tr> <tr><td>2</td><td>I</td></tr> <tr><td>3</td><td>K</td></tr> <tr><td>4</td><td>A</td></tr> </table>	1	I	2	I	3	K	4	A
1	I								
2	I								
3	K								
4	A								



Type	P7Q								
Oil q.ty (Lt.) ^B	0.40								
Oil q.ty (Lt.) ^A	0.14								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>I</td></tr> <tr><td>2</td><td>K</td></tr> <tr><td>3</td><td>A</td></tr> <tr><td>4</td><td>I</td></tr> </table>	1	I	2	K	3	A	4	I
1	I								
2	K								
3	A								
4	I								



Type	P7Q								
Oil q.ty (Lt.) ^B	0.40								
Oil q.ty (Lt.) ^A	0.14								
Standard without oil plug									
On request	<table border="1"> <tr><td>1</td><td>I</td></tr> <tr><td>2</td><td>I</td></tr> <tr><td>3</td><td>A</td></tr> <tr><td>4</td><td>I</td></tr> </table>	1	I	2	I	3	A	4	I
1	I								
2	I								
3	A								
4	I								

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

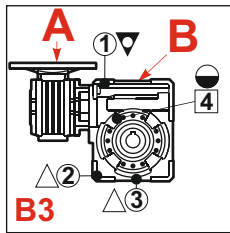
● Level oil plug

OIL PLUG

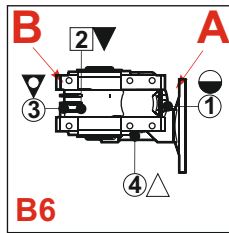
 TO1/4LIA Allum. level plug 1/4	 TO1/4SCA Allum. closed plug 1/4	 TO1/4CSS Breather plug 1/4
 TO1/4C90 90° steel connect 1/4	 TO1/4PRO Steel extension 1/4	

SYNTHETIC OIL	
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

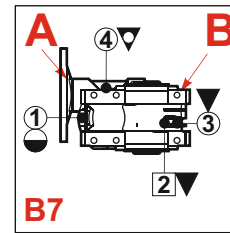
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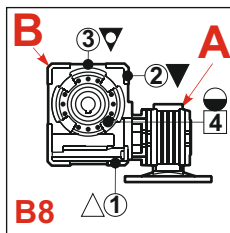
Type	74Q								
Oil q.ty (Lt.) B	0.40								
Oil q.ty (Lt.) A	0.09								
Standard without oil plug									
On request	<table border="1"> <tr><td>①</td><td>K</td></tr> <tr><td>②</td><td>I</td></tr> <tr><td>③</td><td>I</td></tr> <tr><td>④</td><td>A</td></tr> </table>	①	K	②	I	③	I	④	A
①	K								
②	I								
③	I								
④	A								



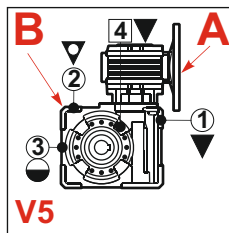
Type	74Q								
Oil q.ty (Lt.) B	0.40								
Oil q.ty (Lt.) A	0.09								
Standard without oil plug									
On request	<table border="1"> <tr><td>①</td><td>A</td></tr> <tr><td>②</td><td>I</td></tr> <tr><td>③</td><td>T+U+K</td></tr> <tr><td>④</td><td>I</td></tr> </table>	①	A	②	I	③	T+U+K	④	I
①	A								
②	I								
③	T+U+K								
④	I								



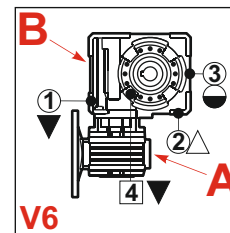
Type	74Q								
Oil q.ty (Lt.) B	0.40								
Oil q.ty (Lt.) A	0.09								
Standard without oil plug									
On request	<table border="1"> <tr><td>①</td><td>A</td></tr> <tr><td>②</td><td>I</td></tr> <tr><td>③</td><td>I</td></tr> <tr><td>④</td><td>K</td></tr> </table>	①	A	②	I	③	I	④	K
①	A								
②	I								
③	I								
④	K								



Type	74Q								
Oil q.ty (Lt.) B	0.40								
Oil q.ty (Lt.) A	0.09								
Standard without oil plug									
On request	<table border="1"> <tr><td>①</td><td>I</td></tr> <tr><td>②</td><td>I</td></tr> <tr><td>③</td><td>K</td></tr> <tr><td>④</td><td>A</td></tr> </table>	①	I	②	I	③	K	④	A
①	I								
②	I								
③	K								
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Type	74Q								
Oil q.ty (Lt.) B	0.40								
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On request	<table border="1"> <tr><td>①</td><td>I</td></tr> <tr><td>②</td><td>K</td></tr> <tr><td>③</td><td>A</td></tr> <tr><td>④</td><td>I</td></tr> </table>	①	I	②	K	③	A	④	I
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②	K								
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④	I								



Type	74Q								
Oil q.ty (Lt.) B	0.40								
Oil q.ty (Lt.) A	0.09								
Standard without oil plug									
On request	<table border="1"> <tr><td>①</td><td>I</td></tr> <tr><td>②</td><td>I</td></tr> <tr><td>③</td><td>A</td></tr> <tr><td>④</td><td>I</td></tr> </table>	①	I	②	I	③	A	④	I
①	I								
②	I								
③	A								
④	I								

OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side






▽ Filled & breather oil plug

▼ Closed oil plug

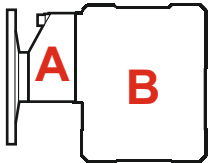
△ Drain oil plug

● 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		

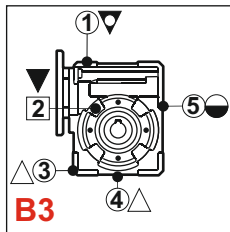
SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Telium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasia S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320



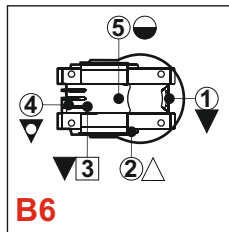
GROUP 1
Gearbox and first stage with common lubrication between A and B

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

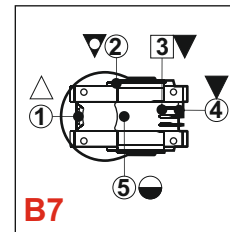
Standard



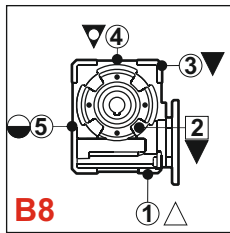
Type	Q85										
Oil q.ty (Lt.)	1.20										
Standard without oil plug											
On request	<table border="1"> <tr><td>①</td><td>J</td></tr> <tr><td>②</td><td>L</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>L</td></tr> <tr><td>⑤</td><td>B</td></tr> </table>	①	J	②	L	③	L	④	L	⑤	B
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②	L										
③	L										
④	L										
⑤	B										



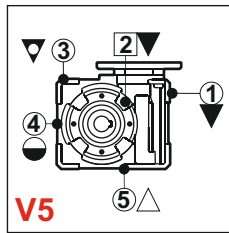
Type	Q85										
Oil q.ty (Lt.)	1.20										
Standard without oil plug											
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②	L										
③	L										
④	M+N+J										
⑤	B										



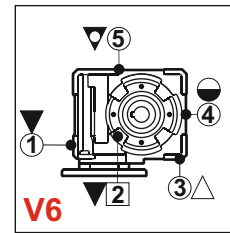
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Oil q.ty (Lt.)	1.20										
Standard without oil plug											
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①	L										
②	J										
③	L										
④	L										
⑤	B										



Type	Q85										
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>L</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>J</td></tr> <tr><td>⑤</td><td>B</td></tr> </table>	①	L	②	L	③	L	④	J	⑤	B
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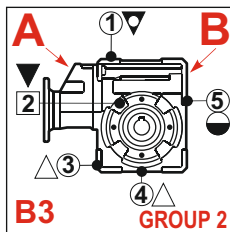


Type	Q85										
Oil q.ty (Lt.)	1.20										
Standard without oil plug											
On request	<table border="1"> <tr><td>①</td><td>L</td></tr> <tr><td>②</td><td>L</td></tr> <tr><td>③</td><td>J</td></tr> <tr><td>④</td><td>B</td></tr> <tr><td>⑤</td><td>L</td></tr> </table>	①	L	②	L	③	J	④	B	⑤	L
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②	L										
③	J										
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⑤	L										

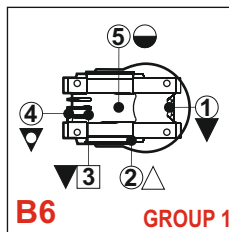


Type	Q85										
Oil q.ty (Lt.)	1.20										
Standard without oil plug											
On request	<table border="1"> <tr><td>①</td><td>L</td></tr> <tr><td>②</td><td>L</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>B</td></tr> <tr><td>⑤</td><td>J</td></tr> </table>	①	L	②	L	③	L	④	B	⑤	J
①	L										
②	L										
③	L										
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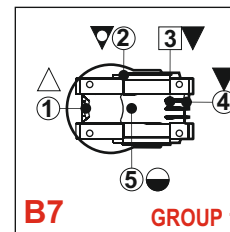
First stage



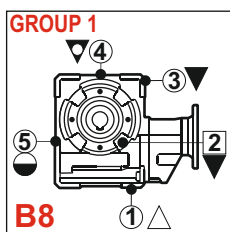
Type	P8M										
Oil q.ty (Lt.) B	1.20										
Oil q.ty (Lt.) A	0.14										
Standard without oil plug											
On request	<table border="1"> <tr><td>①</td><td>J</td></tr> <tr><td>②</td><td>L</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>L</td></tr> <tr><td>⑤</td><td>B</td></tr> </table>	①	J	②	L	③	L	④	L	⑤	B
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②	L										
③	L										
④	L										
⑤	B										



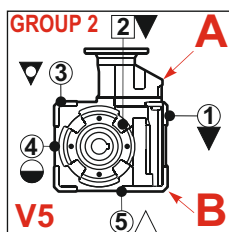
Type	P8M										
Oil q.ty (Lt.)	1.00										
Standard without oil plug											
On request	<table border="1"> <tr><td>①</td><td>L</td></tr> <tr><td>②</td><td>L</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>M+N+J</td></tr> <tr><td>⑤</td><td>B</td></tr> </table>	①	L	②	L	③	L	④	M+N+J	⑤	B
①	L										
②	L										
③	L										
④	M+N+J										
⑤	B										



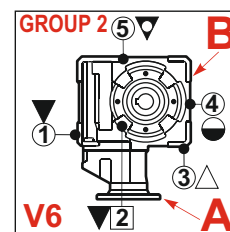
Type	P8M										
Oil q.ty (Lt.)	1.00										
Standard without oil plug											
On request	<table border="1"> <tr><td>①</td><td>L</td></tr> <tr><td>②</td><td>J</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>L</td></tr> <tr><td>⑤</td><td>B</td></tr> </table>	①	L	②	J	③	L	④	L	⑤	B
①	L										
②	J										
③	L										
④	L										
⑤	B										



Type	P8M										
Oil q.ty (Lt.)	1.00										
Standard without oil plug											
On request	<table border="1"> <tr><td>①</td><td>L</td></tr> <tr><td>②</td><td>L</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>J</td></tr> <tr><td>⑤</td><td>B</td></tr> </table>	①	L	②	L	③	L	④	J	⑤	B
①	L										
②	L										
③	L										
④	J										
⑤	B										



Type	P8M										
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>L</td></tr> <tr><td>③</td><td>J</td></tr> <tr><td>④</td><td>B</td></tr> <tr><td>⑤</td><td>L</td></tr> </table>	①	L	②	L	③	J	④	B	⑤	L
①	L										
②	L										
③	J										
④	B										
⑤	L										



Type	P8M										
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>L</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>B</td></tr> <tr><td>⑤</td><td>J</td></tr> </table>	①	L	②	L	③	L	④	B	⑤	J
①	L										
②	L										
③	L										
④	B										
⑤	J										

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

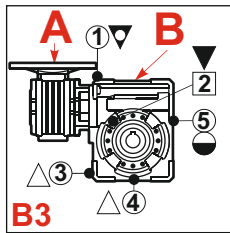
● Level oil plug

OIL PLUG

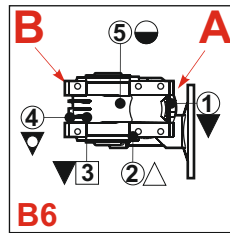
 TO3/8LIA Allum. level plug 3/8	 TO3/8CSS Breather plug 3/8	 TO3/8SCA Allum. closed plug 3/8
 TO3/8C90 90° steel connect 3/8	 TO3/8PRO Steel extension 3/8	

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

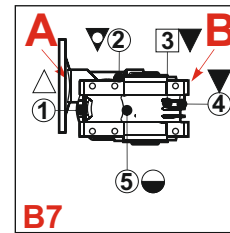
Combined



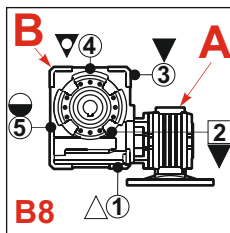
Type	84Q										
Oil q.ty (Lt.) B	1.20										
Oil q.ty (Lt.) A	0.09										
Standard without oil plug											
On request	<table border="1"> <tr><td>①</td><td>J</td></tr> <tr><td>②</td><td>L</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>L</td></tr> <tr><td>⑤</td><td>B</td></tr> </table>	①	J	②	L	③	L	④	L	⑤	B
①	J										
②	L										
③	L										
④	L										
⑤	B										



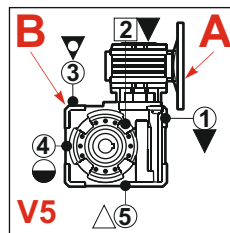
Type	84Q										
Oil q.ty (Lt.) B	1.20										
Oil q.ty (Lt.) A	0.09										
Standard without oil plug											
On request	<table border="1"> <tr><td>①</td><td>L</td></tr> <tr><td>②</td><td>L</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>M+N+J</td></tr> <tr><td>⑤</td><td>B</td></tr> </table>	①	L	②	L	③	L	④	M+N+J	⑤	B
①	L										
②	L										
③	L										
④	M+N+J										
⑤	B										



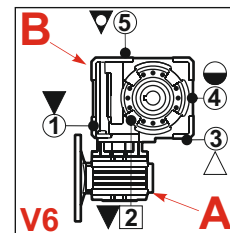
Type	84Q										
Oil q.ty (Lt.) B	1.20										
Oil q.ty (Lt.) A	0.09										
Standard without oil plug											
On request	<table border="1"> <tr><td>①</td><td>L</td></tr> <tr><td>②</td><td>J</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>L</td></tr> <tr><td>⑤</td><td>B</td></tr> </table>	①	L	②	J	③	L	④	L	⑤	B
①	L										
②	J										
③	L										
④	L										
⑤	B										



Type	84Q										
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>L</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>J</td></tr> <tr><td>⑤</td><td>B</td></tr> </table>	①	L	②	L	③	L	④	J	⑤	B
①	L										
②	L										
③	L										
④	J										
⑤	B										



Type	84Q										
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>L</td></tr> <tr><td>③</td><td>J</td></tr> <tr><td>④</td><td>B</td></tr> <tr><td>⑤</td><td>L</td></tr> </table>	①	L	②	L	③	J	④	B	⑤	L
①	L										
②	L										
③	J										
④	B										
⑤	L										



Type	84Q										
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>L</td></tr> <tr><td>③</td><td>L</td></tr> <tr><td>④</td><td>B</td></tr> <tr><td>⑤</td><td>J</td></tr> </table>	①	L	②	L	③	L	④	B	⑤	J
①	L										
②	L										
③	L										
④	B										
⑤	J										

OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side

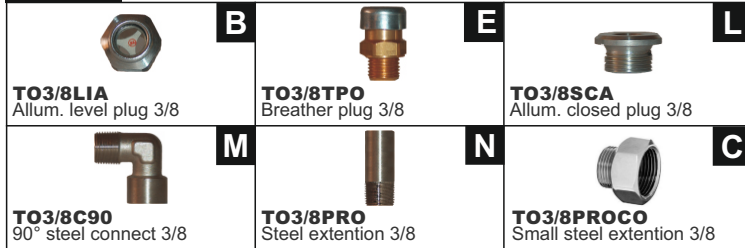
▽ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

● Level oil plug

OIL PLUG

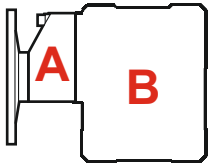


IMPORTANT!!

- 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

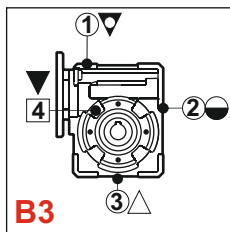
MINERAL OIL	
Code	Description
LUOBLAM460 (Standard)	Eni Blasia 460 Shell Omala S2 GX460



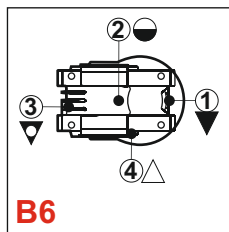
GROUP 1
Gearbox and first stage with common lubrication between A and B

GROUP 2
Separate gearbox and first stage. Independent lubrication
A - Synthetic Oil
B - Mineral Oil

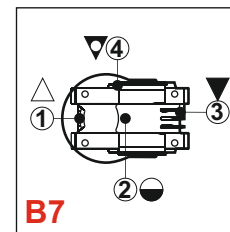
Standard



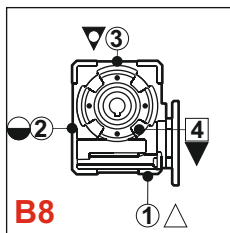
Type	Q11
Oil q.ty (Lt.)	1.90
(E) Supply loose	
Standard	① L (E)
	② B
	③ L
	④ L



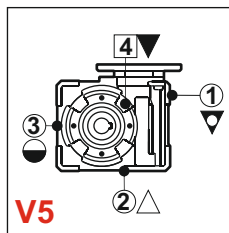
Type	Q11
Oil q.ty (Lt.)	1.35
(C+M+N+E) Supply loose	
Standard	① L
	② B
	③ L (C+M+N+E)
	④ L



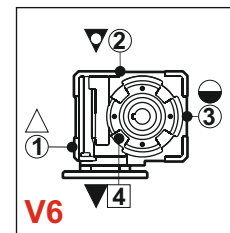
Type	Q11
Oil q.ty (Lt.)	1.35
(M+N+E) Supply loose	
Standard	① L
	② B
	③ L
	④ L (E)



Type	Q11
Oil q.ty (Lt.)	2.00
(E) Supply loose	
Standard	① L
	② B
	③ L (E)
	④ L

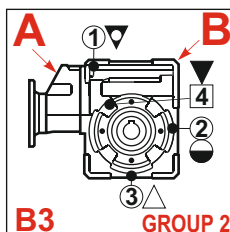


Type	Q11
Oil q.ty (Lt.)	2.00
(C+M+E) Supply loose	
Standard	① L (C+M+E)
	② L
	③ B
	④ L

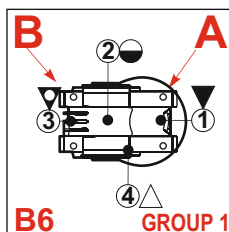


Type	Q11
Oil q.ty (Lt.)	2.00
(E) Supply loose	
Standard	① L
	② L (E)
	③ B
	④ L

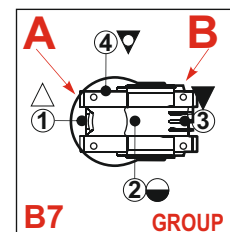
First stage



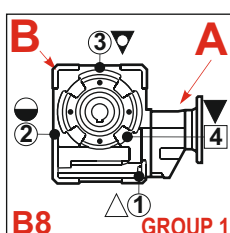
Type	P1Q
Oil q.ty (Lt.) B	1.90
Oil q.ty (Lt.) A	0.14
(E) Supply loose	
Standard	① L (E)
	② B
	③ L
	④ L



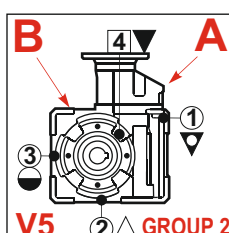
Type	P1Q
Oil q.ty (Lt.) B	1.35
Oil q.ty (Lt.) A	0.14
(C+M+N+E) Supply loose	
Standard	① L
	② B
	③ L (C+M+N+E)
	④ L



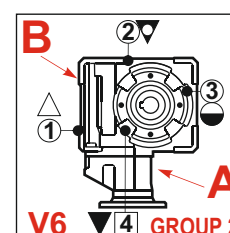
Type	P1Q
Oil q.ty (Lt.) B	1.35
Oil q.ty (Lt.) A	0.14
(E) Supply loose	
Standard	① L
	② B
	③ L
	④ L (E)



Type	P1Q
Oil q.ty (Lt.) B	2.00
Oil q.ty (Lt.) A	0.14
(E) Supply loose	
Standard	① L
	② B
	③ L (E)
	④ L



Type	P1Q
Oil q.ty (Lt.) B	2.00
Oil q.ty (Lt.) A	0.14
(C+M+E) Supply loose	
Standard	① L (C+M+E)
	② L
	③ B
	④ L



Type	P1Q
Oil q.ty (Lt.) B	2.00
Oil q.ty (Lt.) A	0.14
(E) Supply loose	
Standard	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	 TO3/8TPO Breather plug 3/8	 TO3/8SCA Allum. closed plug 3/8
 TO3/8C90 90° steel connect 3/8	 TO3/8PRO Steel extension 3/8	 TO3/8PROCO Small steel extension 3/8

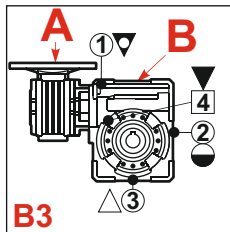
IMPORTANT!!

- 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

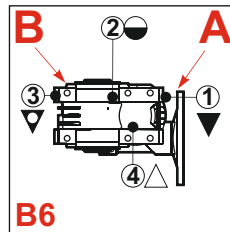
SYNTHETIC OIL (Mount all closed plugs)	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Telium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasias S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

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

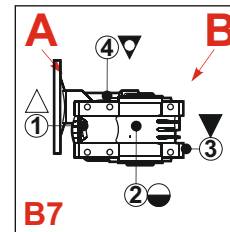
Combined



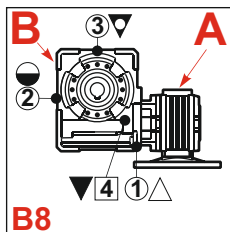
Type	15Q								
Oil q.ty (Lt.) B	1.90								
Oil q.ty (Lt.) A	0.14								
(E) Supply loose									
Standard	<table border="1"> <tr><td>1</td><td>L (E)</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L (E)	2	B	3	L	4	L
1	L (E)								
2	B								
3	L								
4	L								



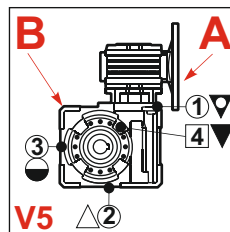
Type	15Q								
Oil q.ty (Lt.) B	1.35								
Oil q.ty (Lt.) A	0.14								
(M+N+E) Supply loose									
Standard	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L (M+N+E)</td></tr> <tr><td>4</td><td>L</td></tr> </table>	1	L	2	B	3	L (M+N+E)	4	L
1	L								
2	B								
3	L (M+N+E)								
4	L								



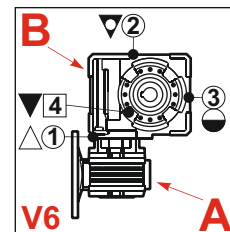
Type	15Q								
Oil q.ty (Lt.) B	1.35								
Oil q.ty (Lt.) A	0.14								
(E) Supply loose									
Standard	<table border="1"> <tr><td>1</td><td>L</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>L</td></tr> <tr><td>4</td><td>L (E)</td></tr> </table>	1	L	2	B	3	L	4	L (E)
1	L								
2	B								
3	L								
4	L (E)								



Type	15Q								
Oil q.ty (Lt.) B	2.00								
Oil q.ty (Lt.) A	0.14								
(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	15Q								
Oil q.ty (Lt.) B	2.00								
Oil q.ty (Lt.) A	0.14								
(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	15Q								
Oil q.ty (Lt.) B	2.00								
Oil q.ty (Lt.) A	0.14								
(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								