

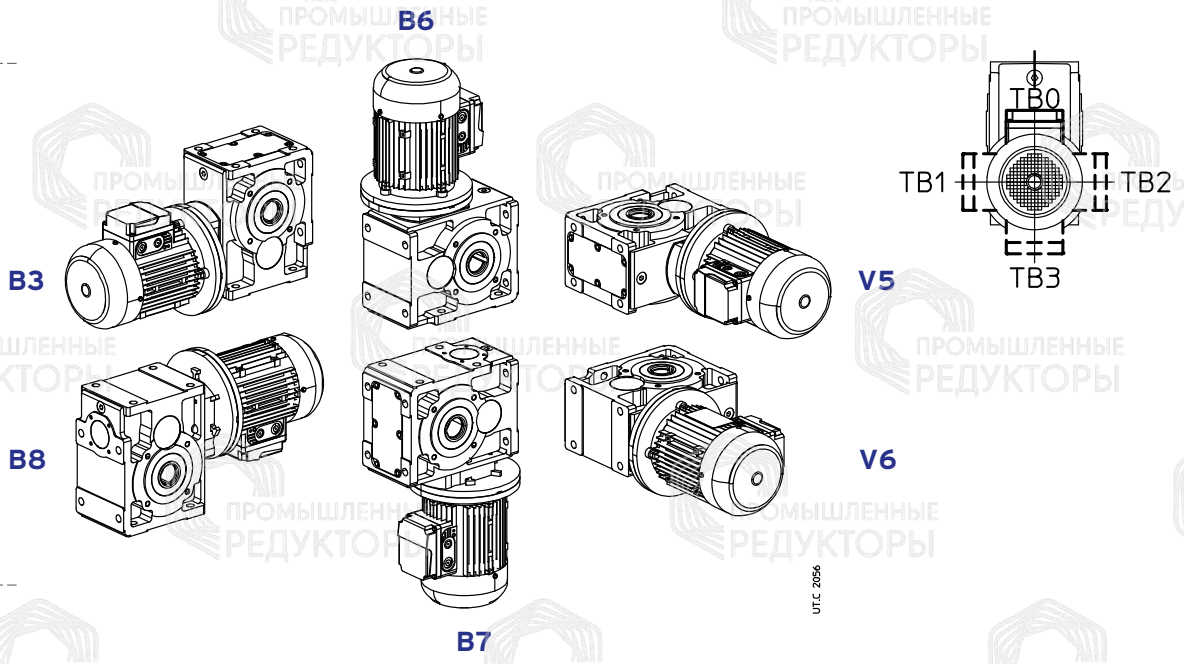
# 14 - Dimensions, designs, mounting positions of bevel helical gearmotors

## Mounting positions

Unless otherwise stated, gear reducers are supplied in mounting position **B3** (see ch. 2).

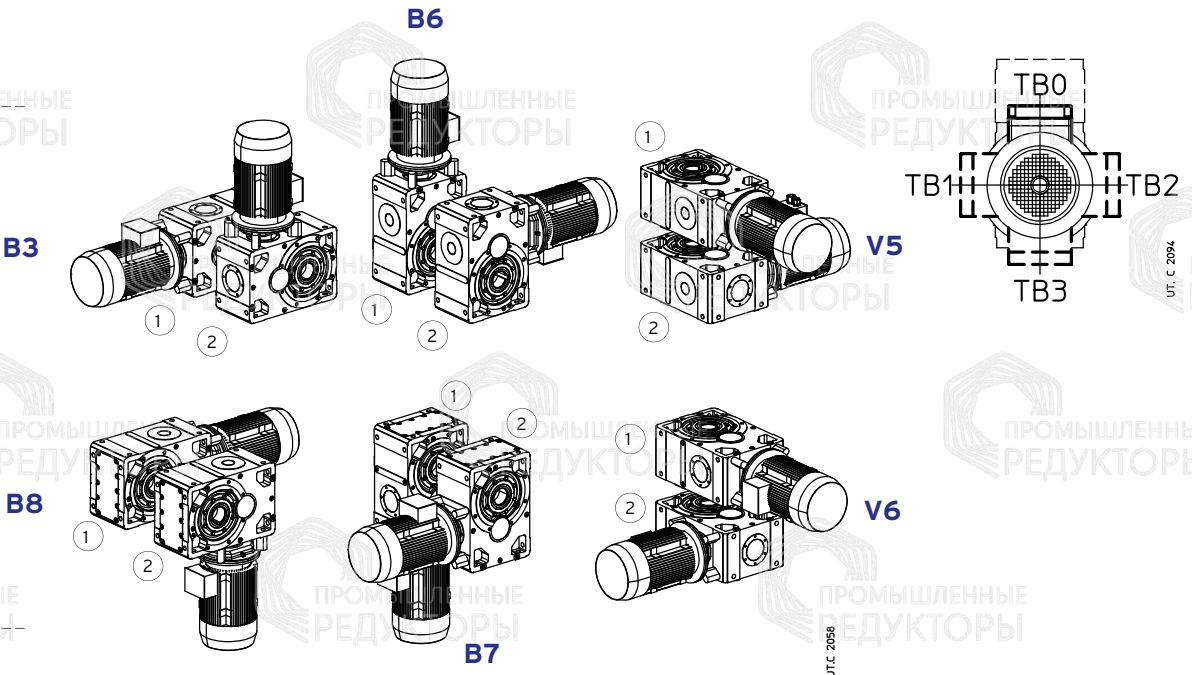
### MR CI 40 ... 100

Designs:  
**U03A**  
**U03Asin**  
**U03D**  
**U03Dsin**



### MR CI 125 ... 280

Designs:  
 ①  
**U02A**  
**U02Asin**  
**U02H**  
**U02Hsin**  
 ②  
**U02V**  
**U02Vsin**  
**U02R**  
**U02R sin**  
**U02D**  
**U02Dsin**



## Oil quantity

### MR CI 40 ... 280

Lubricant quantities [l] stated are approximate for provisioning. The exact oil quantity the gear reducer is to be filled with is defined by the level plug.

Mounting position	40	50	63, 64	80, 81	100	125	140	160	180	200	225	250	280
<b>B3</b>	0,26	0,4	0,8	1,3	2,6	5,3	8,2	10,5	16,1	20,5	31,5	40	61
<b>B8</b>	0,35	0,6	1	2	3,8	5,3	5,5	10,5	10,7	20,5	21	40	41
<b>B6</b>	0,26	0,4	0,8	1,3	2,9	7	8,7	13,7	17	26,7	33,3	52	65
<b>B7</b>	0,26	0,4	0,8	1,3	2,9	7,6	9,7	15	19	29	37	57	72
<b>V5</b>	0,3	0,45	0,95	1,8	3,5	8,9	10,3	17,5	20,1	34	39,3	67	77
<b>V6</b>	0,3	0,45	0,95	1,8	3,5	8,9	10,3	17,5	20,1	34	39,3	67	77

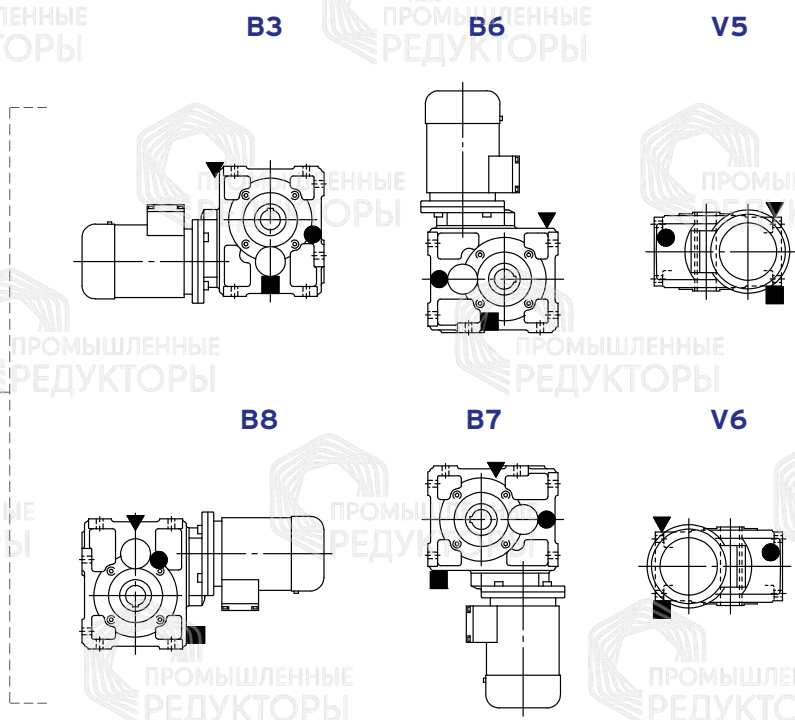
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## Lubrication details

### MR CI 100

Designs:

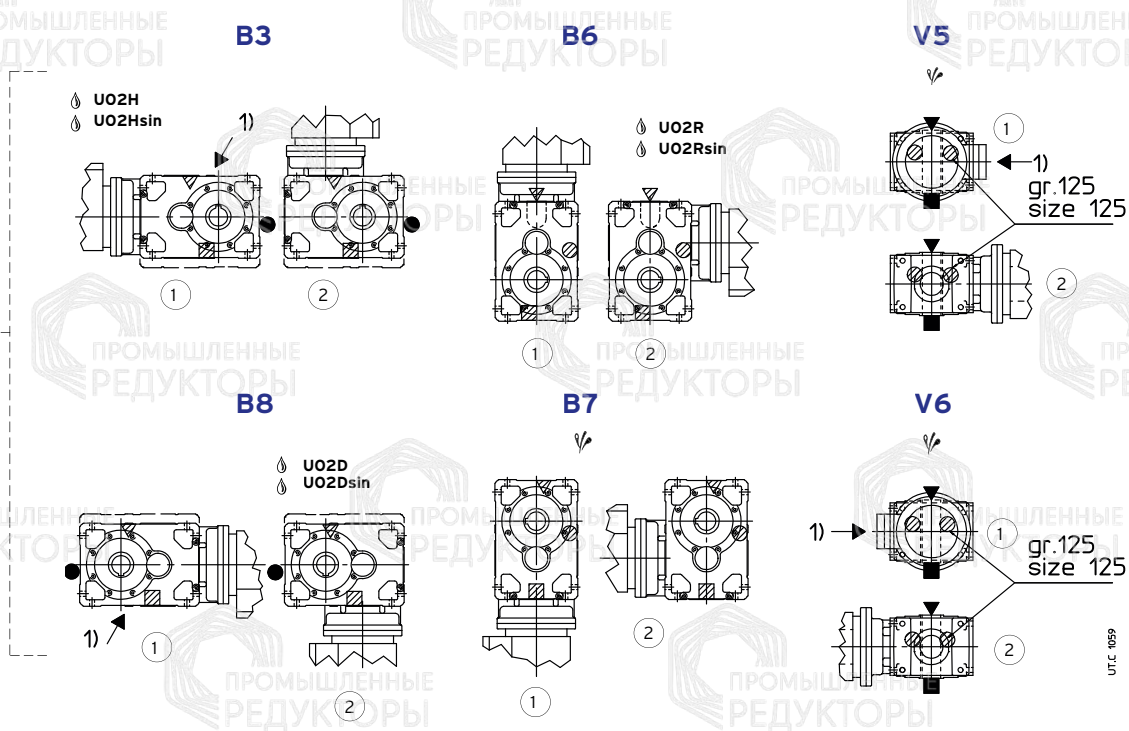
- U03A
- U03Asin
- U03D
- U03Dsin



### MR CI 125 ... 280

Designs:

- ① U02A
- U02Asin
- U02H
- U02Hsin
- ② U02V
- U02Vsin
- U02R
- U02R sin
- U02D
- U02D sin



▽ Possible high oil splash: for the corrective factor  $ft_3$  of nominal thermal power  $P_{Tn}$  see ch. 4.

☉ Possible bearing lubrication pump (see ch. 17 (19)).

1) Threaded hole position individuation.

▼ oil filler plug  
● oil level plug  
■ oil drain plug

▽ oil filler plug on opposite side (not in view)  
● oil level plug on opposite side (not in view)  
■ oil drain plug on opposite side (not in view)