

## 8 - Dimensions, designs, mounting positions of helical gear reducers

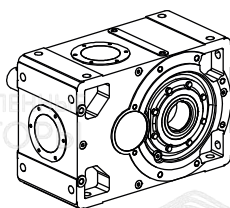
### Mounting positions R I 63 ... 360

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

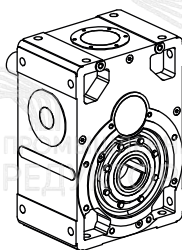
Designs:

**UP3A**  
**UP3D**  
**UP3L**  
**UP2A**  
**UP2D**  
**UP2L**

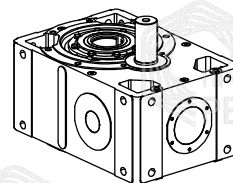
**B3**



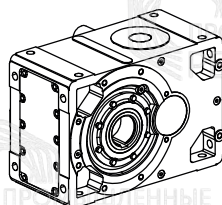
**B6**



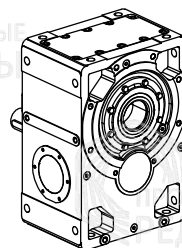
**V5**



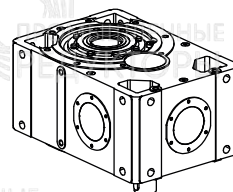
**B8**



**B7**



**V6**



UTC 2040

### Oil quantity R I 63 ... 360

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

Mounting position	63	80	100	125	140	160	180	200	225	250	280	320, 321	360
<b>B3</b>	0,7	1,2	2,1	5,3	8,2	10,5	16,1	20,5	31,5	40	61	78	120
<b>B8</b>	0,7	1,2	2,1	5,3	5,5	10,5	10,7	20,5	21	40	41	78	80
<b>B6</b>	1	1,9	3,6	7	8,7	13,7	17	26,7	33,3	52	65	102	127
<b>B7</b>	0,8	1,5	2,6	7,6	9,7	15	19	29	37	57	72	111	141
<b>V5</b>	1	1,9	3,6	8,9	10,3	17,5	20,1	34	39,3	67	77	130	150
<b>V6</b>	0,5	0,95	1,8	4,7	4,9	9,3	9,5	18	18,6	35	36	67	71

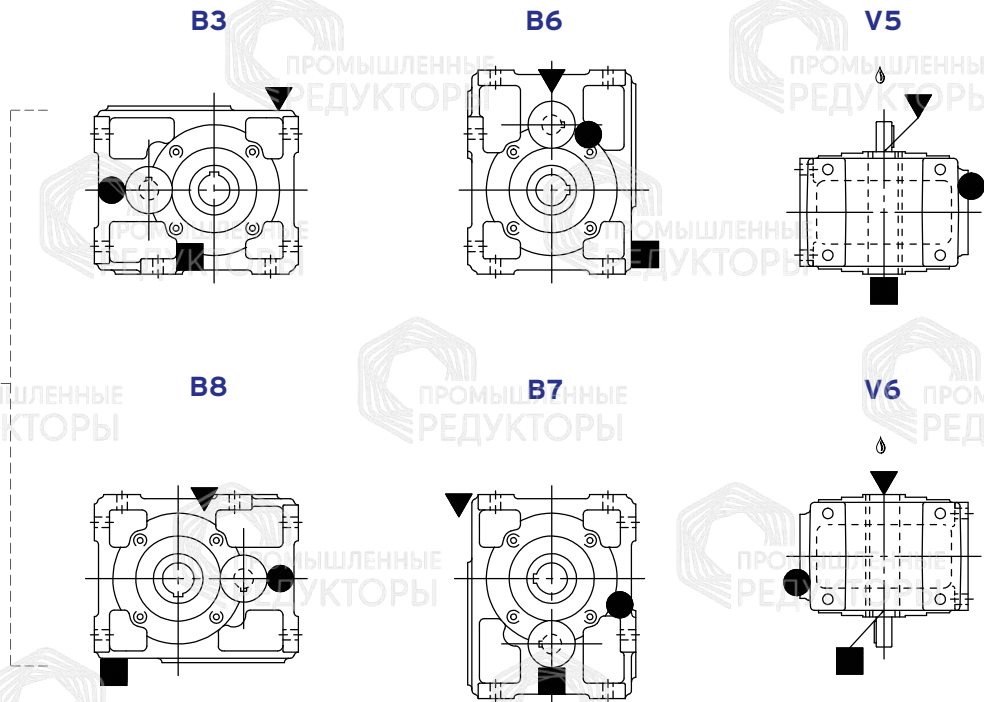
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### Lubrication details

#### R I 100

Designs:

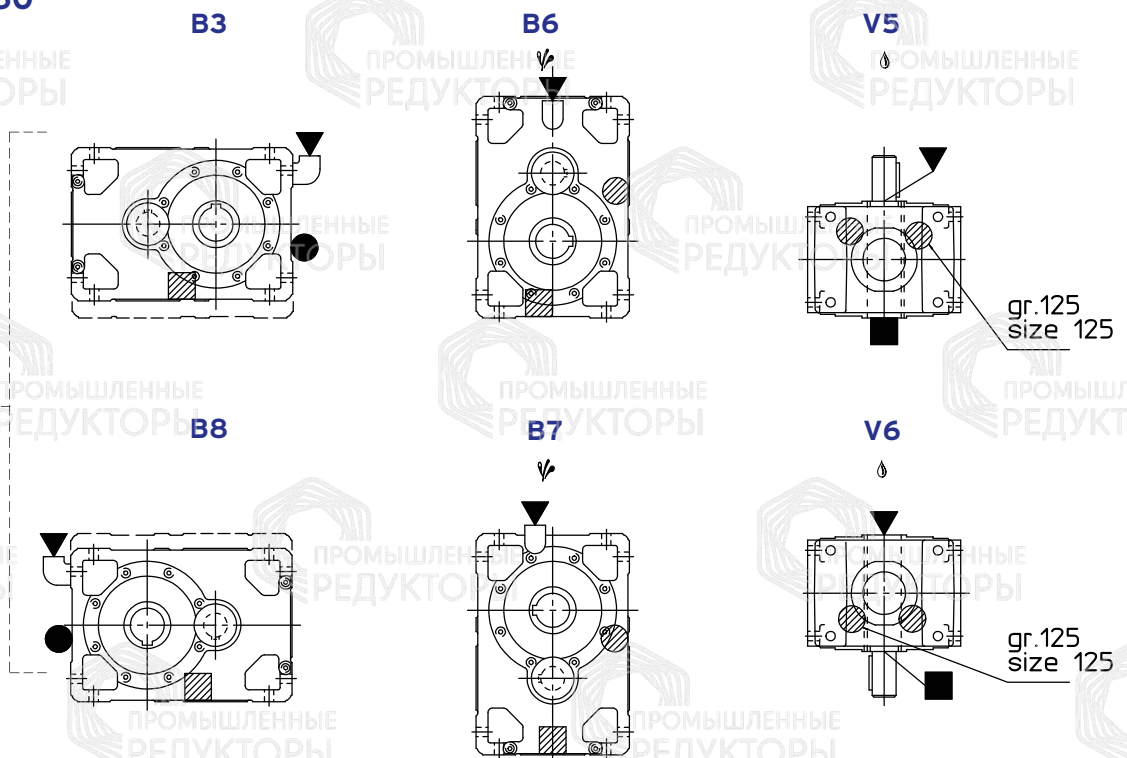
UP3A  
UP3D  
UP3L



#### R I 125 ... 360

Designs:

UP2A  
UP2D  
UP2L



- ▼ Possible high oil splash: for the corrective factor  $ft_3$  of nominal thermal power  $Pt_N$  see ch. 4.
- ♯ Possible bearing lubrication pump or lubrication device on high speed shaft (see ch. 17 (19)).

- ▼ oil filler plug
- oil level plug
- oil drain plug
- oil level plug on opposite side (not in view)
- ▨ oil drain plug on opposite side (not in view)