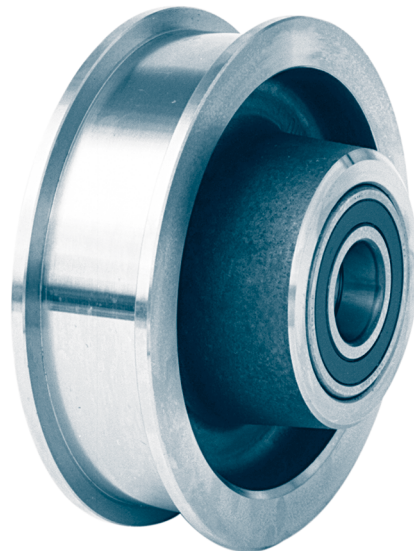


**Form A** with gear ring



**Form B** without gear ring

Designation of a wheel form A with gear ring, nominal- $\varnothing$  d1 = 300 mm, gauge b1 = 50 mm, complete with grooved ball bearings, module 3 and number of teeth 110:

**Crane wheel A 300 × 50 – 3 × 110 KG 014**

**Form A** with gear ring

**Form B** without gear ring

Other types of the running surface see KG 010.1.

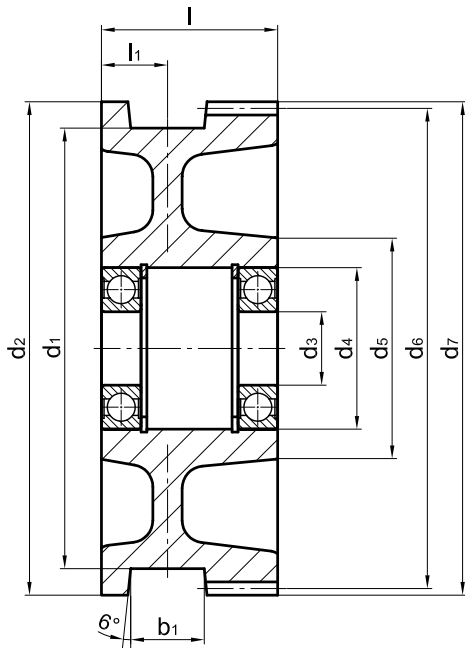
The rolling bearings are lubricated for life.

Material:

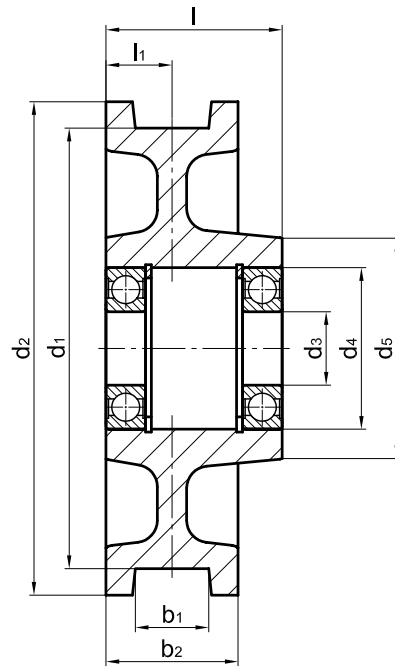
Wheel body- $\varnothing$  200-400 C45 drop forged

**Other material and dimensions on request.**

Suitable wheel axles see KG 010.6.



**Form A** with gear ring



**Form B** without gear ring

wheel- Ø d1	b1 <sup>1)</sup>	b2	d2	d3	d4	d5	l	l1	bearing type	gear ring <sup>2)</sup> (form A)				unit weight ≈[kg]		wheel load [kg] <sup>3)</sup>
										module	no. of teeth	d6	d7	form A	form B	
<b>h11</b>					<b>M7</b>											
<b>200</b>	30-60	80	232	40	90	117	95	40	6308-2RS	3	75	225	231	14,5	13	2 800
										4	56	224	232			
<b>250</b>	30-60	80	274	50	110	142	120	40	6310-2RS	3	88	264	270	27	22	4 600
										4	66		272			
<b>300</b>	35-65	90	336	50	110	152	120	45	6310-2RS	3	110	330	336	40	34	4 800
										4	82	328				
<b>315</b>	40-75	100	348	55	120	167	140	50	6311-2RS	4	85	340	348	50	44	5 800
<b>400</b>	40-75	100	432	60	130	197	140	50	6312-2RS	4	106	424	432	81	66	7 000

- 1) The dimension of the gauge recess b1 to be stated with order.
- 2) Module and number of teeth to be stated with order.  
Tooth form according to DIN 867 without appending modification, pressure angle 20 degree.
- 3) The wheel loads stated are valid for v ≈ 40 m/min with an endurance of approximately 5000 hours and with maximum possible rail head width of the corresponding wheel.