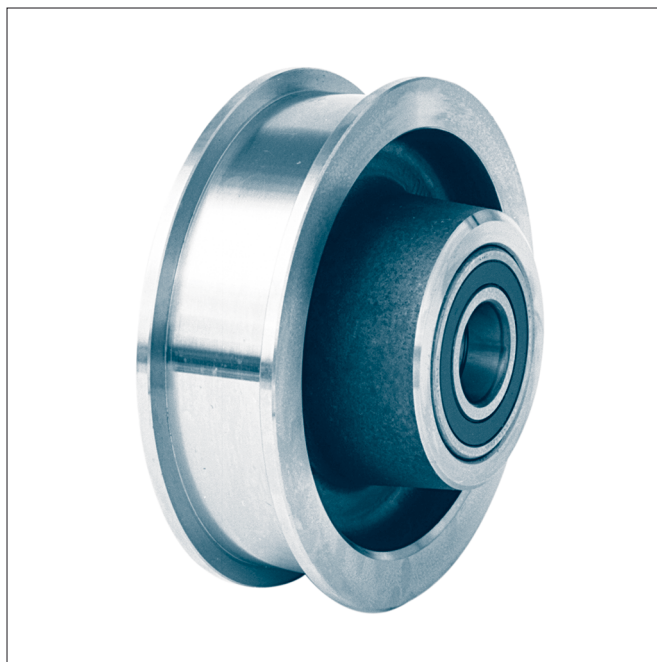


Form A with gear ring



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.

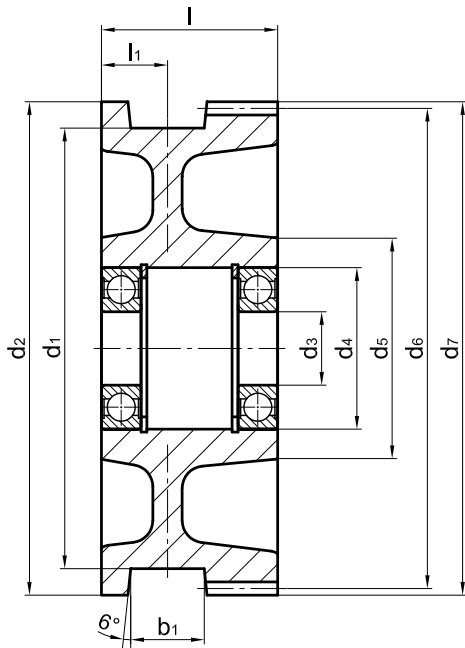
The rolling bearings are lubricated for life.

Material:

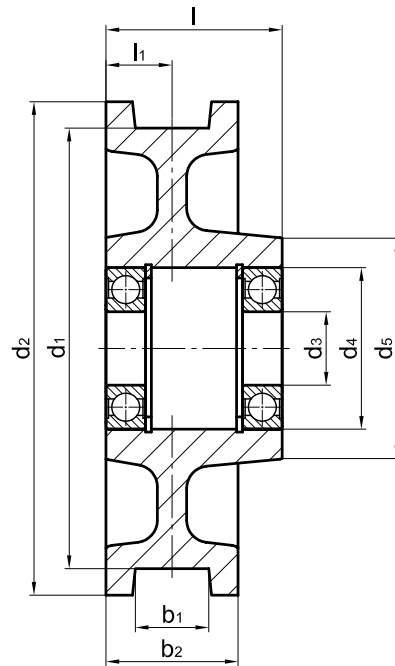
Wheel body- \varnothing 200-400 C45 drop forged

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 ¹⁾	b2	d2	d3	d4	d5	l	l1	bearing type	gear ring ²⁾ (form A)				unit weight ≈[kg]		wheel load [kg] ³⁾
										module	no. of teeth	d6	d7	form A	form B	
h11					M7											
200	30-60	80	232	40	90	117	95	40	6308-2RS	3	75	225	231	14,5	13	2 800
										4	56	224	232			
250	30-60	80	274	50	110	142	120	40	6310-2RS	3	88	264	270	27	22	4 600
									4	66	272					
300	35-65	90	336	50	110	152	120	45	6310-2RS	3	110	330	336	40	34	4 800
									4	82	328					
315	40-75	100	348	55	120	167	140	50	6311-2RS	4	85	340	348	50	44	5 800
400	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 $v \approx 40$ m/min with an endurance of
approximately 5000 hours and with maximum possible rail head width of
the corresponding wheel.