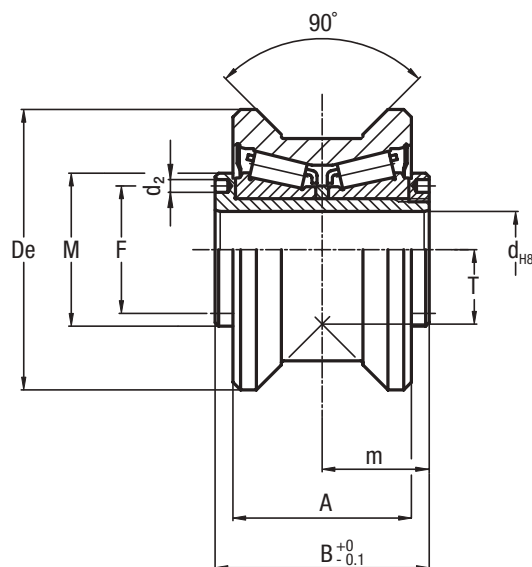


HEAVY-LINE – GU SYSTEM

GUIDE WHEELS FKU

Guide wheel with tapered roller bearings.
The sides of the race are convex with radius $R = 400$.

Available in stainless steel version.



Type	Dimensions (mm)								
	De	d	T	m	A	B	F	d ₂ ²⁾	M
FKU 55	55	15	14.6	21	35	42	25	2.5	30
FKU 65	65	20	18	22.5	37	45	29	3	35
FKU 75	75	25	23.7	28	45	56	37	4	44
FKU 95	95	28	25.5	32	53 56 ¹⁾	64	42	4	49
FKU 115	115	35	33.5	36	60 63 ¹⁾	72	52	4	59

1) Dimensions relating to the stainless-steel rollers (suffix NX)

2) To prevent rotation between roller and shaft a pin can be fitted in one of the holes "d2" positioned in the side flange

Type	Dynamic load (N)	Limit loads (N)		Life coefficients		Weight (kg)
	C _w ³⁾	Radial F _r	Axial F _a	X	Y	
FKU 55	42000	11900	3900	1	4	0.5
FKU 65	48000	17000	6900	1	3.7	0.6
FKU 75	69000	28500	10200	1	3.4	1.2
FKU 95	134000	29000	12700	1	4.5	2.3
FKU 115	190000	45000	17900	1	4.4	3.9

3) C_w = Basic load for 100 Km

- Viton seals for operating temperatures up to 120°C (suffix V) on request, not available for FKU 115.
- On request the guide rollers can be supplied with external parts in stainless steel (suffix NX). Internal rolling elements in standard bearing steel
- Pressure angle α for load calculation: 45°
- Standard seals: material NBR, RS type

Tables refer to steel rollers, in case of inox version load capacity may change. Please contact technical department for further informations.