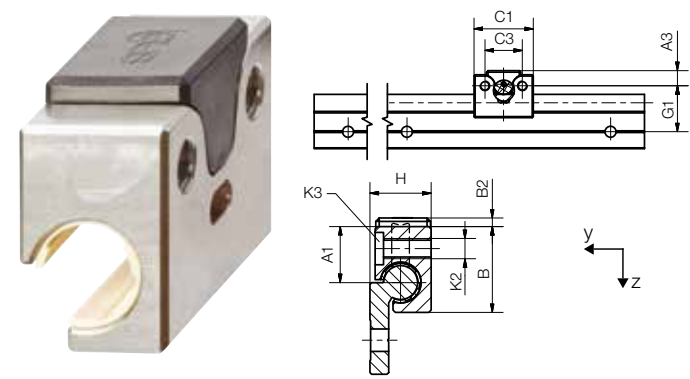


drylin® W profile guides | Product range

Hybrid roller bearings made of stainless steel

WJRM-01 with single roller



Order key

Type	Size	Material
Hybrid roller bearing	Single roller bearing	Size 10
Stainless steel		
Material		
ES: Stainless steel (AISI 316Ti)		
ES-FG: Stainless steel precision casting AISI 316		

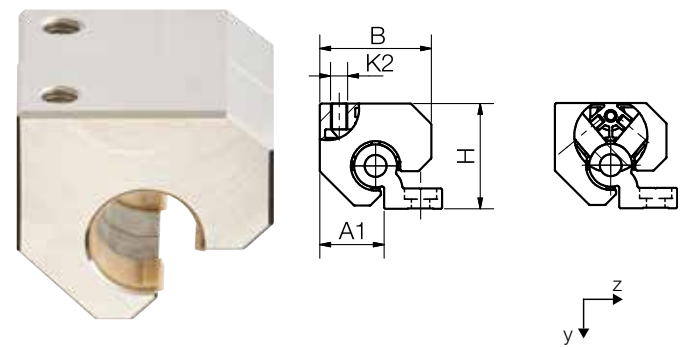
WJRM-01-10 - ES

Technical data and dimensions [mm]

Part No.	Static load capacity Co	Dyn. load capacity Cz+ at total running distance [km]				F · v
		10	100	200	Max.	
	[N]	[N]	[N]	[N]	[N · m/s]	
WJRM-01-10-ES-FG	250	250	90	50	50	

Part No.	Coefficient of friction in		Weight	A1	A3	B	B2	C1	C3	G1	H	K2	K3 for screw
	z-direction	y-direction											
	[μ]	[μ]	[g]										
WJRM-01-10-ES-FG	< 0.1	–	57	16.5	6.5	26	2.5	35	22	27	18	M6	M5

WJRM-21 with double roller



Order key

Type	Size	Material
Hybrid roller bearing	Double roller bearing	Size 20
Stainless steel		
Material		
ES: Stainless steel (AISI 316Ti)		
ES-FG: Stainless steel precision casting AISI 316		

WJRM-21-20 - ES

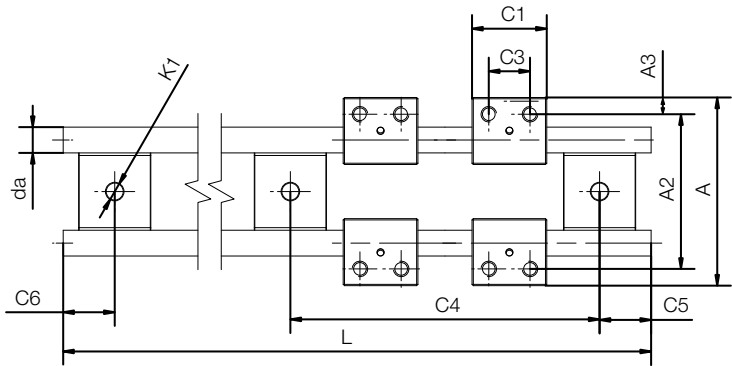
Technical data and dimensions [mm]

Part No.	Static load capacity Co	Dyn. load capacity Cy+ at total running distance [km]				F · v
		10	100	200	Max.	
	[N]	[N]	[N]	[N]	[N · m/s]	
WJRM-21-20-ES-FG	840	840	300	150	80	

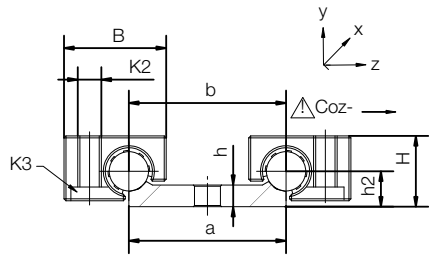
Part No.	Coefficient of friction in		Weight	A1	A3	B	B2	C1	C3	G1	H	K2	K3 for screw
	z-direction	y-direction											
	[μ]	[μ]	[g]										
WJRM-21-20-ES-FG	–	< 0.1	504	30	9	52	–	52	34	38	49	M8	M5

drylin® W hybrid roller bearings | Product range

Double rail



Installation size 10–20
Housing and shaft support material AISI 316
Shaft material AISI 316Ti
Installation size 25
Shaft, shaft support and housing material AISI 316Ti



Technical data and dimensions [mm]

Part No.	Weight	H ⁵⁷⁾	da	L	a	b	h	h2	A	A2
	[kg/m]	±0.25	h9	Max.	–0.3					
WS-10-40-ES-FG	1.58	18	10	3,000	40	40	5.5	9	73	60

Part No.	C4	C5 Min.	C5 Max.	C6 Min.	C6 Max.	K1 for screw
WS-10-40-ES-FG	120	20	79.5	20	79.5	M6

⁵⁷⁾ Height dimension minus the bearing clearance tolerance