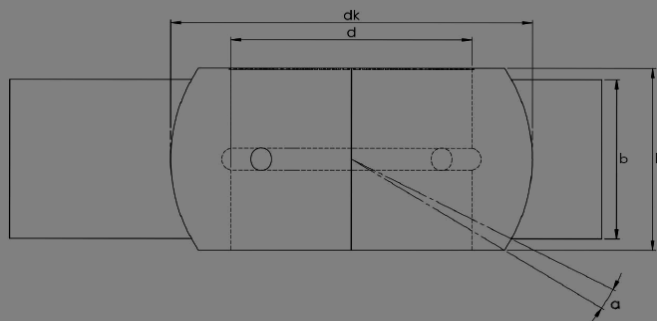




Feroball® FBK-Series



	shaft d	bearing width B	B tolerance	ball diameter dk	ball radius r	a	Breidte b	Binnendiameter dk C9	Projected area mm ² Ae	maximum static load (kN) C0	maximum dynamic load (kN) C
FBK-16	16	16,00	+/-0,05	28	14,00	4	14,0	28,00	366	85	29
FBK-20	20	20,00	+/-0,05	33	16,50	4	18,0	33,00	546	127	43
FBK-25	25	26,00	+/-0,05	44	22,00	6	22,0	44,00	903	211	71
FBK-32	32	26,00	+/-0,05	48	24,00	5	22,0	48,00	997	232	79
FBK-35	35	32,00	+/-0,05	55	27,50	5	26,0	55,00	1345	314	106
FBK-40	40	32,00	+/-0,05	60	30,00	4	28,0	60,00	1583	369	125
FBK-50	50	50,00	+/-0,05	75	37,50	5	45,0	75,00	3038	708	239
FBK-60	60	60,00	+/-0,05	90	45,00	8	50,0	90,00	4121	961	325
FBK-70	70	65,00	+/-0,05	100	50,00	3	60,0	100,00	5400	1259	425
FBK-80	80	70,00	+/-0,05	110	55,00	6	60,0	110,00	6066	1414	478
FBK-90	90	80,00	+/-0,05	125	62,50	5	70,0	125,00	8000	1865	630
FBK-100	100	90,00	+/-0,05	140	70,00	5	80,0	140,00	10196	2377	803
FBK-110	110	100,00	+/-0,05	155	77,50	4	90,0	155,00	12654	2950	996
FBK-125	125	100,00	+/-0,05	166	83,00	4	90,0	166,00	13747	3204	1083
FBK-140	140	125,00	+/-0,05	194	97,00	5	110,0	194,00	19459	4536	1532
FBK-150	150	140,00	+/-0,05	210	105,00	3	130,0	210,00	24370	5681	1919
FBK-160	160	150,00	+/-0,05	225	112,50	3	140,0	225,00	28080	6545	2211
FBK-180	180	160,00	+/-0,05	250	125,00	3	150,0	250,00	33750	7867	2658
FBK-200	200	190,00	+/-0,05	290	145,00	2	180,0	290,00	46564	10854	3667

Load ratings are calculated using the projected bearing area (Ae).

Static load ratings are based on 90% of the PR18 compressive stress value of 259 MPa, and dynamic load ratings on 90% of the normal working pressure of 87.5 MPa.