

F _w	Boundary Dimensions (mm)			Basic Dynamic Load Ratings (N) C _r	Limiting Loads (N) P _{max}	Limiting Speeds (min ⁻¹)		Bearing Numbers	In case of inner ring is used Bearing Numbers of Inner Ring	NSKHPS
	D	C	C ₁ , C ₂ max.			Grease	Oil			
4	8	8	0.8	1720	670	45000	75000	FJP-48	-	
5	9	9	0.8	1860	745	43000	71000	FJ-59	-	
5	9	9	0.8	1860	745	43000	71000	MFJ-59	-	
6	10	9	0.8	2320	985	36000	56000	FJ-69	-	
6	10	9	0.8	2320	985	36000	56000	MFJ-69	-	
7	11	9	0.8	2550	1110	30000	48000	FJ-79	-	
7	11	9	0.8	2550	1110	30000	48000	MFJ-79	-	
10	14	10	0.8	3500	1760	20000	32000	FJ-1010	FIR-071010	
10	14	10	0.8	3500	1760	20000	32000	MFJ-1010	FIR-071010	
10	16	10	1	4900	2100	22000	34000	FJH-1010	FIR-071010	
10	16	10	1	4900	2100	22000	34000	MFJH-1010	FIR-071010	
10	16	10	1.9	6650	3700	5600	9000	FH-1010	FIR-071010	
10	16	10	1.9	6650	3700	5600	9000	MFH-1010	FIR-071010	
8	12	10	0.8	2840	1270	26000	43000	FJ-810	-	
8	12	10	0.8	2840	1270	26000	43000	MFJ-810	-	
8	14	10	1	4300	1770	28000	45000	FJH-810	-	
8	14	10	1	4300	1770	28000	45000	MFJH-810	-	
8	14	10	1.9	5550	2980	6300	10000	FH-810	-	
8	14	10	1.9	5550	2980	6300	10000	MFH-810	-	
12	16	10	0.8	4150	2210	17000	26000	FJ-1210	FIR-081210	
12	16	10	0.8	4150	2210	17000	26000	MFJ-1210	FIR-081210	
12	18	12	1	6450	3050	17000	28000	FJH-1212	FIR-081212	
12	18	12	1	6450	3050	17000	28000	MFJH-1212	FIR-081212	
12	18	12	1.9	9000	5700	4500	7500	FH-1212	FIR-081212	
12	18	12	1.9	9000	5700	4500	7500	MFH-1212	FIR-081212	
9	13	10	0.8	3300	1600	22000	36000	FJ-910	-	
9	13	10	0.8	3300	1600	22000	36000	MFJ-910	-	
9	15	10	1	4550	1910	24000	40000	FJH-910	-	
9	15	10	1	4550	1910	24000	40000	MFJH-910	-	
9	15	10	1.8	6100	3350	6000	10000	FH-910	-	
9	15	10	1.8	6100	3350	6000	10000	MFH-910	-	
13	19	12	1	6950	3400	16000	26000	FJ-1312	FIR-101312	
13	19	12	1	6950	3400	16000	26000	MFJ-1312	FIR-101312	
13	19	12	1.9	9550	6100	4300	7100	F-1312	FIR-101312	
13	19	12	1.9	9550	6100	4300	7100	MF-1312	FIR-101312	
14	20	12	1	6500	3250	15000	24000	FJ-1412	FIR-101412	
14	20	12	1	6500	3250	15000	24000	MFJ-1412	FIR-101412	
14	20	12	2.2	9450	6350	3800	6000	F-1412	FIR-101412	
14	20	12	2.2	9450	6350	3800	6000	MF-1412	FIR-101412	
14	20	16	1	9500	5300	15000	24000	FJ-1416	FIR-101416	
14	20	16	1	9500	5300	15000	24000	MFJ-1416	FIR-101416	
14	20	16	2.2	13300	9850	3800	6000	F-1416	FIR-101416	
14	20	16	2.2	13300	9850	3800	6000	MF-1416	FIR-101416	
15	21	12	1	7650	3900	14000	22000	FJ-1512	FIR-121512	

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	D	C	C ₁ , C ₂ max.			Grease	Oil			
15	21	12	1	7650	3900	14000	22000	MFJ-1512	FIR-121512	
15	21	12	1.8	10300	6900	3800	6000	F-1512	FIR-121512	
15	21	12	1.8	10300	6900	3800	6000	MF-1512	FIR-121512	
15	21	16	1	11000	6200	14000	22000	FJ-1516	FIR-121516	
15	21	16	1	11000	6200	14000	22000	MFJ-1516	FIR-121516	
15	21	16	1.8	14500	10700	3800	6000	F-1516	FIR-121516	
15	21	16	1.8	14500	10700	3800	6000	MF-1516	FIR-121516	
16	22	12	1	7100	3750	12000	20000	FJ-1612	FIR-121612	
16	22	12	1	7100	3750	12000	20000	MFJ-1612	FIR-121612	
16	22	12	2.2	10200	7100	3400	5300	F-1612	FIR-121612	
16	22	12	2.2	10200	7100	3400	5300	MF-1612	FIR-121612	
16	22	16	1	10400	6050	12000	20000	FJ-1616	FIR-121616	
16	22	16	1	10400	6050	12000	20000	MFJ-1616	FIR-121616	
16	22	16	2.2	14400	11100	3400	5300	F-1616	FIR-121616	
16	22	16	2.2	14400	11100	3400	5300	MF-1616	FIR-121616	
15	21	14	1.8	12400	8800	3800	6000	F-1514	-	
15	21	14	1.8	12400	8800	3800	6000	MF-1514	-	
18	24	12	1	7650	4200	11000	18000	FJ-1812	FIR-151812	
18	24	12	1	7650	4200	11000	18000	MFJ-1812	FIR-151812	
18	24	12	2.2	10900	7900	3000	5000	F-1812	FIR-151812	
18	24	12	2.2	10900	7900	3000	5000	MF-1812	FIR-151812	
18	24	16	1	11200	6800	11000	18000	FJ-1816	FIR-151816	
18	24	16	1	11200	6800	11000	18000	MFJ-1816	FIR-151816	
18	24	16	2.2	15300	12300	3000	5000	F-1816	FIR-151816	
18	24	16	2.2	15300	12300	3000	5000	MF-1816	FIR-151816	
17	23	12	1	8450	4450	12000	19000	FJ-1712	-	
17	23	12	1	8450	4450	12000	19000	MFJ-1712	-	
17	23	12	1.8	11300	7750	3400	5600	F-1712	-	
17	23	12	1.8	11300	7750	3400	5600	MF-1712	-	
17	23	16	1	12100	7100	12000	19000	FJ-1716	-	
17	23	16	1	12100	7100	12000	19000	MFJ-1716	-	
17	23	16	1.8	15800	12000	3400	5600	F-1716	-	
17	23	16	1.8	15800	12000	3400	5600	MF-1716	-	
20	26	12	1	8150	4650	10000	16000	FJ-2012	FIR-172012	
20	26	12	1	8150	4650	10000	16000	MFJ-2012	FIR-172012	
20	26	12	2.2	11500	8700	2800	4500	F-2012	FIR-172012	
20	26	12	2.2	11500	8700	2800	4500	MF-2012	FIR-172012	
20	26	16	1	11900	7550	10000	16000	FJ-2016	FIR-172016	
20	26	16	1	11900	7550	10000	16000	MFJ-2016	FIR-172016	
20	26	16	2.2	16200	13500	2800	4500	F-2016	FIR-172016	
20	26	16	2.2	16200	13500	2800	4500	MF-2016	FIR-172016	
20	26	20	1	15300	10500	10000	16000	FJ-2020	FIR-172020	
20	26	20	1	15300	10500	10000	16000	MFJ-2020	FIR-172020	
20	26	20	2.2	20500	18300	2800	4500	F-2020	FIR-172020	

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	D	C	C ₁ , C ₂ max.			Grease	Oil			
20	26	20	2.2	20500	18300	2800	4500	MF-2020	FIR-172020	
22	28	12	1	8650	5150	9000	14000	FJ-2212	FIR-172212	
22	28	12	1	8650	5150	9000	14000	MFJ-2212	FIR-172212	
22	28	12	2.2	12100	9500	2400	4000	F-2212	FIR-172212	
22	28	12	2.2	12100	9500	2400	4000	MF-2212	FIR-172212	
22	28	16	1	12600	8350	9000	14000	FJ-2216	FIR-172216	
22	28	16	1	12600	8350	9000	14000	MFJ-2216	FIR-172216	
22	28	16	2.2	17100	14800	2400	4000	F-2216	FIR-172216	
22	28	16	2.2	17100	14800	2400	4000	MF-2216	FIR-172216	
22	28	20	1	16200	11500	9000	14000	FJ-2220	FIR-172220	
22	28	20	1	16200	11500	9000	14000	MFJ-2220	FIR-172220	
22	28	20	2.2	21600	20000	2400	4000	F-2220	FIR-172220	
22	28	20	2.2	21600	20000	2400	4000	MF-2220	FIR-172220	
25	32	16	1	15200	9350	8000	13000	FJ-2516	FIR-202516	
25	32	16	1	15200	9350	8000	13000	MFJ-2516	FIR-202516	
25	32	16	2.5	20200	16200	2800	4500	F-2516	FIR-202516	
25	32	16	2.5	20200	16200	2800	4500	MF-2516	FIR-202516	
25	32	20	1	19800	13100	8000	13000	FJ-2520	FIR-202520	
25	32	20	1	19800	13100	8000	13000	MFJ-2520	FIR-202520	
25	32	20	2.5	25900	22200	2800	4500	F-2520	FIR-202520	
25	32	20	2.5	25900	22200	2800	4500	MF-2520	FIR-202520	
25	32	26	1	26200	18800	8000	13000	FJ-2526	FIR-202526	
25	32	26	1	26200	18800	8000	13000	MFJ-2526	FIR-202526	
25	32	26	2.5	34000	31500	2800	4500	F-2526	FIR-202526	
25	32	26	2.5	34000	31500	2800	4500	MF-2526	FIR-202526	
28	35	16	1	15600	9950	7100	11000	FJ-2816	FIR-222816	
28	35	16	1	15600	9950	7100	11000	MFJ-2816	FIR-222816	
28	35	16	2.5	21300	17900	2400	4000	F-2816	FIR-222816	
28	35	16	2.5	21300	17900	2400	4000	MF-2816	FIR-222816	
28	35	20	1	20500	14200	7100	11000	FJ-2820	FIR-222820	
28	35	20	1	20500	14200	7100	11000	MFJ-2820	FIR-222820	
28	35	20	2.5	27300	24600	2400	4000	F-2820	FIR-222820	
28	35	20	2.5	27300	24600	2400	4000	MF-2820	FIR-222820	
28	35	26	1	26900	20200	7100	11000	FJ-2826	FIR-222826	
28	35	26	1	26900	20200	7100	11000	MFJ-2826	FIR-222826	
28	35	26	2.5	35500	34500	2400	4000	F-2826	FIR-222826	
28	35	26	2.5	35500	34500	2400	4000	MF-2826	FIR-222826	
30	37	20	1	19400	13300	6700	10000	FJ-3020	FIR-253020	
30	37	20	1	19400	13300	6700	10000	MFJ-3020	FIR-253020	
30	37	20	2.5	28400	26200	2400	3800	F-3020	FIR-253020	
30	37	20	2.5	28400	26200	2400	3800	MF-3020	FIR-253020	
30	37	26	1	26000	19500	6700	10000	FJ-3026	FIR-253026	
30	37	26	1	26000	19500	6700	10000	MFJ-3026	FIR-253026	
30	37	26	2.5	37000	37000	2400	3800	F-3026	FIR-253026	

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	D	C	C ₁ , C ₂ max.			Grease	Oil			
30	37	26	2.5	37000	37000	2400	3800	MF-3026	FIR-253026	
30	37	16	1	15600	10100	6700	10000	FJ-3016L	-	
30	37	16	1	15600	10100	6700	10000	MFJ-3016	-	
30	37	16	2.5	22100	18900	2400	3800	F-3016	-	
30	37	16	2.5	22100	18900	2400	3800	MF-3016	-	
35	42	20	1	23600	17900	5600	9000	FJ-3520	FIR-303520	
35	42	20	1	23600	17900	5600	9000	MFJ-3520	FIR-303520	
35	42	20	2.5	31000	30000	2000	3400	F-3520	FIR-303520	
35	42	20	2.5	31000	30000	2000	3400	MF-3520	FIR-303520	
35	42	26	1	31500	25800	5600	9000	FJ-3526	FIR-303526	
35	42	26	1	31500	25800	5600	9000	MFJ-3526	FIR-303526	
35	42	26	2.5	40000	42500	2000	3400	F-3526	FIR-303526	
35	42	26	2.5	40000	42500	2000	3400	MF-3526	FIR-303526	
35	42	16	1	18100	12800	5600	9000	FJ-3516	-	
35	42	16	1	18100	12800	5600	9000	MFJ-3516	-	
35	42	16	2.5	24000	22000	2000	3400	F-3516	-	
35	42	16	2.5	24000	22000	2000	3400	MF-3516	-	
40	47	20	1	23500	18500	4800	7500	FJ-4020	FIR-354020	
40	47	20	1	23500	18500	4800	7500	MFJ-4020	FIR-354020	
40	47	20	2.5	32500	34000	1800	3000	F-4020	FIR-354020	
40	47	20	2.5	32500	34000	1800	3000	MF-4020	FIR-354020	
40	47	26	1	31500	26900	4800	7500	FJ-4026	FIR-354026	
40	47	26	1	31500	26900	4800	7500	MFJ-4026	FIR-354026	
40	47	16	1	18600	13600	4800	7500	FJ-4016	-	
40	47	16	1	18600	13600	4800	7500	MFJ-4016	-	
40	47	16	2.5	25700	24900	1800	3000	F-4016	-	
40	47	16	2.5	25700	24900	1800	3000	MF-4016	-	
45	52	20	1	25500	21200	4300	6700	FJ-4520	FIR-404520	
45	52	20	1	25500	21200	4300	6700	MFJ-4520	FIR-404520	
45	52	20	2.5	35000	38500	1600	2600	F-4520	FIR-404520	
45	52	20	2.5	35000	38500	1600	2600	MF-4520	FIR-404520	
45	52	16	1	19900	15400	4300	6700	FJ-4516	-	
45	52	16	1	19900	15400	4300	6700	MFJ-4516	-	
45	52	16	2.5	27300	27800	1600	2600	F-4516	-	
45	52	16	2.5	27300	27800	1600	2600	MF-4516	-	
50	58	20	1.1	28900	23100	3800	6300	FJ-5020L	FIR-455020	
50	58	20	1.1	28900	23100	3800	6300	MFJ-5020	FIR-455020	
50	58	20	2.8	39500	41500	1700	2800	F-5020	-	
50	58	20	2.8	39500	41500	1700	2800	MF-5020	-	
50	58	24	1.1	36000	30500	3800	6300	FJ-5024	-	
50	58	24	1.1	36000	30500	3800	6300	MFJ-5024	-	
50	58	24	2.8	48000	53000	1700	2800	F-5024	-	
50	58	24	2.8	48000	53000	1700	2800	MF-5024	-	
55	63	20	1.1	30000	25100	3400	5600	FJ-5520	-	

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	D	C	C_1, C_2 max.			Grease	Oil			
55	63	20	1.1	30000	25100	3400	5600	MFJ-5520	-	
55	63	20	2.8	41500	45500	1600	2400	F-5520	-	
55	63	20	2.8	41500	45500	1600	2400	MF-5520	-	
55	63	24	1.1	37500	33500	3400	5600	FJ-5524	-	
55	63	24	1.1	37500	33500	3400	5600	MFJ-5524	-	
55	63	24	2.8	50500	58000	1600	2400	F-5524	-	
55	63	24	2.8	50500	58000	1600	2400	MF-5524	-	