

CHINA	FRANCE	GERMANY		JAPAN	SWEDEN	BRITISH	UNITED STATES	
GB	NF	DIN	W-Nr.	JIS	SKF	BS	AISI	UNS
GCr6	100C2	105Cr2	1.3501		SKF9		E50100	G50986
GCr9	100C5	105Cr4	1.3503	SUJ1	SKF13		E51100	G51986
GCr9SiMn				SUJ3	SKF1			
GCr15	100C6	100Cr6	1.3505	SUJ2	SKF3	534A99	E52100	G52986
GCr15SiMn		100CrMn6	1.3502		SKF2			
10	C10	C10	1.0301	S10C		040A10	1010	G10100
15	C12	C15	1.0401	S15C		040A15	1015	G10150
20	C20	C22	1.0402	S20C		050A20	1020	G10200
20Cr	18C3	17Cr3	1.7016	SGr420		527A20	5120	G51200
20Mn	20M5	21Mn4	1.0469			080A20	1022	G10220
35	C35	C35	1.0501	S35C		060A35	1035	G10350
40Mn	40M5	40Mn4	1.1157			080A40	1039	G10390
45	C45	C45	1.0503	S45C		060A47	1045	G10450
1CR18Ni9	Z10CN18.09	X12CrNi18 8	1.4300	SUS302		302S25	302	S30200
0Cr18Ni9	Z6CN18.09	X5CrNi18 10	1.4301	SUS304		304S15	304	S30400
9Cr18	Z100CD17	X105CrMo17	1.4125	SUS440C			440C	S44004

GB 307	G	E	D	C	All bearings
ISO 492	normal class	class 6	class 5	class 4	Radial bearings
ISO 199	normal class	class 6	class 5	class 4	Thrust bearings
ISO 578	class 4		class 3	class 0	Taper roller bearings, inch
DIN 620	P0	P6	P5	P4	All bearings
AFBMA Std.20	ABEC 1	ABEC 3	ABEC 5	ABEC 7	Radial bearings
AFBMA Std.19.1	class k	class N	class C	class B	Taper roller bearings
AFBMA Std.19	class 4	class 2	class 3	class 0	Taper roller bearings, inch
JIS B 1514	0	6	5	4	All bearings

Nominal Bore d(mm)	over to	2.5	6	10	18	24	30	40	50	65	80	100	120	140	160
		6	10	18	24	30	40	50	65	80	100	120	140	160	180
C2	min	0	0	0	0	1	1	1	1	1	1	2	2	2	2
	max	7	7	9	10	11	11	11	15	15	18	20	23	23	25
C0	min	2	2	3	5	5	6	6	8	10	12	15	18	18	20
	max	13	13	18	20	20	20	23	28	30	36	41	48	53	61
C3	min	8	8	11	13	13	15	18	23	25	30	36	41	46	53
	max	23	23	25	28	28	33	36	43	51	58	66	81	91	102
C4	min		14	18	20	23	28	30	38	46	53	61	71	81	91
	max		29	33	36	41	46	51	61	71	84	97	114	130	147

Company Brand	Specification	Dropping Temp.	Penetration at 25 C	Working Temp. C	Remarks
China Hangu	Hangu 2#	198	265~295	-10~130	Low noise
China Jingzhi	HTHS	300	280	-40~200	Low & High Temp.
Chevron	SRI-2	240	255~280	-30~120	Water resistant
	Alvania R2	185	265~295	-35~120	
	Alvania R3	185	220~250	-35~135	
	Alvania R A	180	250~275	-25~100	General purpose
Shell	Alvania EP1	180	310~340	-25~110	
	Alvania EP2	185	265~295	-25~110	
	Darina 2	250	265~295	-25~150	
	Darina EP2	250	265~295	-25~150	High Temp.
	Dolium R 2	250	265~295	-35~150	Corrosion resistant
	Isoflex LDS 18	190	255~280	-50~110	Low Temp.
Klüber	Isoflex NBU 15	250	255~280	-30~120	General purpose
	Multemp SRL	185	225~245	-40~145	Low torque
Kyodo Yushi	Multemp PS2	190	250~275	-50~110	Low Temp.
	Multemp SC-2	260	255~280	0~160	
	Multemp ET150	260	255~280	-10~160	High Temp.
	Andok C	260	190~210	-30~120	General purpose
Esso	Andok 260	190	204~260	-40~120	
	Beacon 325	190	255~280	-54~120	Low Temp.
	Mobilux 2	190	265~290	-10~110	General purpose
Mobil	Mobil 22	192	250~274	-40~120	
	Mobil 28	260	265~295	-55~175	Wide range Temp.
	Mobil 48	260	240~270	-60~170	High Temp.