

PLM IE2 Motor Bearings

PLM Code	Motor Size	P(kW)	Motor Construction	Bearing Set	Part No	Bear. Set HE
50000...	90	1.5	B3-B5-B35-B14-B14S2-B34-B34S2	KIT BEAR.6203/6205 90	5KL11AAA	5KL11AAS
50001...	90	2.2	B3-B5-B35-B14-B14S2-B34			
50002...	90	3.0	B14S2	KIT BEAR.6203/6206 HE 90 3KW	5KL11AAV	5KL11AAV
50002...	100R	3.0	B5-B14-B35			
50007...	100	3.0	B3-B5-B35-B14-B14S6-B34	KIT BEAR.6205/6206 100	5KL11AAE	Only non HE
50008...	112R	4.0	B5-B14-B14S1-B14S2-B14S6-B35			
50008...	112R	4.0	B14S2-B14S6	KIT BEAR.6205/6306 112	5KL11AAF	5KL11AAZ
50030...	112	4.0	B3-B35-B14-B34			
50013...	112	5.5	B5-B5S2-B14S6	KIT BEAR.6206/6306 112	5KL11AAG	5KL11AA0
50013...	112	5.5	B14S2			
50013...	132R	5.5	B5-B35	KIT BEAR.6206/6308 112	5KL11AAH	5KL11AA3
50016...	132	5.5	B3			
50017...	132	7.5	B3-B5-B14-B14S2-B35	KIT BEAR.6305/6308 132	5KL11AAM	5KL11AAW
50018...	132	9.2	B5-B14S2			
50019...	132	11.0	B14S2-B14S3	KIT BEAR.6305/6308 HE 132S2	5KL11AAW	
50019...	160R	11.0	B5			
50031...	160	11.0	B3-B35	KIT BEAR.6305/6310 HE 132	5KL11AAX	5KL11AAX
50024...	160	15.0	B3-B5-B35-B34S3-B14S3			
50025...	160	18.5	B3-B5-B35-B34S3-B14S3	KIT BEAR.6307/6310 160	5KL11AAQ	Only non HE
50026...	180R	22.0	B5-B35-B34S3-B14S3			
50024...	160	15.0	B5S1	KIT BEAR.6307/7310 BEP 160S1	5KL11AAR	Only non HE
50025...	160	18.5	B5S1			
50026...	180R	22.0	B5S1			

PLM Code	Motor Size	P(kW)	Motor Construction	Bearing Set	Part No	Bear. Set HE
50005...	4P-90	1.1	B3-B5-B35-B14-B34-B5S2	KIT BEAR.6203/6205 90	5KL11AAA	5KL11AAS
50006...	4P-90	1.5	B3-B5-B35-B14-B34-B5S2			
50006...	4P-90	1.5	B5S3	KIT BEAR.6006/6203 90S3	5KL11AAD	Only non HE
50010...	4P-100	2.2	B3-B5-B35-B14-B5S3			
50011...	4P-100	3.0	B3-B35	KIT BEAR.6205/6306 112	5KL11AAF	5KL11AAZ
50011...	4P-100	3.0	B5-B14-B5S3			
50015...	4P-112	4.0	B3-B5-B35-B14-B5S3-B34	KIT BEAR.6206/6306 112	5KL11AAG	5KL11AA0
50020...	4P-132	5.5	B3-B5-B14S3-B14S4			
50021...	4P-132	7.5	B3-B5-B14S4	KIT BEAR.6205/6306 112	5KL11AAF	5KL11AAZ
50027...	4P-160	11.0	B3-B5-B35-B34S4			
50028...	4P-160	15.0	B3-B5-B35	KIT BEAR.6305/6308 132	5KL11AAM	5KL11AAW
				KIT BEAR.6307/6310 160	5KL11AAQ	Only non HE

PLM Code	Motor Size	P(kW)	Motor Construction	Bearing Set	Part No	Bear. Set HE
50000...	90	1.5	CA	KIT BEAR.6203/6305 90	5KL11AAB	Only non HE
50000...	90	1.5	BG(CEA-CO)			
50001...	90	2.2	CA	KIT BEAR.6203/6205 90	5KL11AAA	5KL11AAS
50001...	90	2.2	BG(CEA-CO) PR			
50002...	90	3.0	BG(CEA-CO) CA	KIT BEAR.6203/6305 90	5KL11AAB	Only non HE
50013...	112	5.5	2FHE			
50017...	132	7.5	2FHE	KIT BEAR.6206/7206 112 2FHE	5KL11AAK	5KL11AA8
				KIT BEAR.6305/7206 132 2FHE	5KL11AAN	5KL11AA9

50005...	4P-90	1.1	2FHE4	KIT BEAR.6203/6206 90/2FHE	5KL11AAC	5KL11AAV
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PLM Single Phase Motor Bearings

IE not applicable

PLM Code	Motor Size	P(kW)	Motor Construction	Bearing Set	Part No	Bear. Set HE
50004...	90	2.2	CEA-CO	KIT BEAR.6203/6205 90	5KL11AAA	5KL11AAS
50004...	90	2.2	CA			
				KIT BEAR.6203/6305 90	5KL11AAB	Only non HE

Note.

Bear. Set HE = Bearing set Low Friction Bearings

Only non HE = Bearing set with only not Low Friction Bearings

PLM Code	Motor Size	P(kW)	Motor Construction	Bearing Set	Part No
50A00...	90	1.5	B3-B5	KIT BEAR. 6204/6205 HE 90	5KL11AA1
50A01...	90	2.2	B3-B5-B14-B14S2-B34S2		
50A02...	90	3.0	B5S2-B14S2		
50A02...	100R	3.0	B5-B14-B35	KIT BEAR. 6204/6206 HE 100R	5KL11AA2
50A07...	100	3.0	B5-B14-B35	KIT BEAR. 6206/6306 100/112 HE	5KL11AA0
50A08...	112R	4.0	B5-B14S2-B14S6-B35		
50A30...	112	4.0	B3-B5		
50A13...	112	5.5	B5-B5S2-B14S6		
50A13...	112	5.5	B14S2	KIT BEAR. 6206/6308 HE 132R	5KL11AA3
50A13...	132R	5.5	B5		
50A16...	132	5.5	B3-B5-B14S2-B14S3	KIT BEAR. 6305/6308 HE 132S2	5KL11AAW
50A17...	132	7.5	B3-B5-B14S2-B14S3-B35		
50A18...	132	9.2	B5-B14S2-B14S3		
50A19...	132	11.0	B14S2-B14S3		
50A19...	160R	11.0	B5	KIT BEAR.6305/6310 HE 132	5KL11AAZ
50A31...	160	11.0	B3-B5-B35	KIT BEAR.6308/6310 HE 160	5KL11AA4
50A24...	160	15.0	B3-B5-B5S1-B14S3-B34S3-B35		
50A25...	160	18.5	B3-B5-B14S3-B34S3-B35		
50A26...	180R	22.0	B5-B14S3-B34S3-B35		
50A25...	160	18.5	B5S1	KIT BEAR.6308HE/7310BEP 160	5KL11AA5
50A26...	180R	22.0	B5S1-B34S3-B35		

Note. S1 = Bear. 7310BEP S5-S6 = Bear. locked to flange

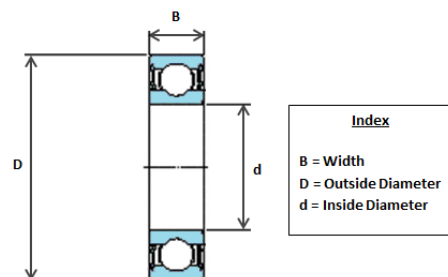
PLM Code	Motor Size	P(kW)	Motor Construction	Bearing Set	Part No
50A05...	4P-90	1.1	B3-B5-B5S2-B14	KIT BEAR. 6204/6205 HE 90	5KL11AA1
50A06...	4P-90	1.5	B3-B5-B5S2-B14-B34		
50A06...	4P-90	1.5	B5S3	KIT BEAR.6006/6204 HE 90-4	5KL11AA6
50A10...	4P-100	2.2	B3-B5-B5S3-B14	KIT BEAR. 6206/6306 100/112 HE	5KL11AA0
50A11...	4P-100	3.0	B3-B5-B5S3-B14		
50A15...	4P-112	4.0	B3-B5-B5S3-B14		
50A20...	4P-132	5.5	B3-B5-B14S3-B14S4	KIT BEAR. 6305/6308 HE 132S2	5KL11AAW
50A21...	4P-132	7.5	B3-B5-B14S4		
50A27...	4P-160	11.0	B3-B5-B34S4-B35	KIT BEAR.6308/6310 HE 160	5KL11AA4
50A28...	4P-160	15.0	B3-B5-B35		

PLM Code	Motor Size	P(kW)	Motor Construction	Bearing Set	Part No
50A01...	90	2.2	PR-BG-CA	KIT BEAR.6204/6205 HE 90	5KL11AA1
50A01...	90	2.2	HMHB-HMHC /HMVB-HMVC	KIT BEAR.6204/6305 PLM90 HM	5KL11AAZ
50A02...	90	3.0	HMHB-HMHC /HMVC		
50A08...	100	4.0	HMHC/HMVC	KIT BEAR.6205/6306 100/112 HE	5KL11AAZ
50A13...	112	5.5	HMHC/HMVC	KIT BEAR. 6206/6306 100/112 HE	5KL11AA0
50A13...	112	5.5	2FHE	KIT BEAR.6206HE/7206BEP 112	5KL11AA8
50A17...	132	7.5	2FHE	KIT BEAR.6305HE/7206BEP 132	5KL11AA9

50A05...	4P-90	1.1	2FHE4	KIT BEAR. 6204/6206 HE 90	5KL11AA2
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NSK Bearings, Supplier designation							dxDxB (mm)		
[High Efficiency, according Lowara description]									
	6006	T1X	ZZ	C3	D	EA2L6	HE	30x55x13	
	6203		ZZ	C3				17x40x12	
	6204	T1XL	ZZ	C3	D	EA2L6	HE	20x47x14	
	6205	T1XL	ZZ	C3	D	EA2L6	HE	25x52x15	
	6206	T1X	ZZ	C3	D	EA2L6	HE	30x62x16	
	6305	T1X	ZZ	C3	D	EA2L6	HE	25x62x17	
	6306	T1X	ZZ	C3	D	EA2L6	HE	30x72x19	
	6307		ZZ	C3				35x80x21	
	6308	T1XA	ZZ	C3	D	EA2L6	HE	40x90x23	
	6310	TYA	ZZ	C3	D	EA2N6	HE	50x110x27	
	7206	Angular Contact BEP							30x62x16
	7310	Angular Contact BEP							50x110x27
[BEP = Best Efficiency Point]									

Note.
EA2 = Low Friction Bearing
BEP = Best Efficiency Point



Grease: Urea ester oil Nok Klueber "A72" - 30/+150 °C