

Y– bearings and Y–bearing units



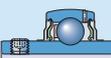
Equivalent list

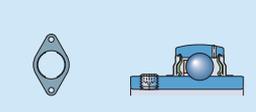
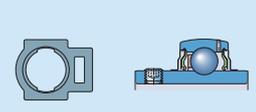


- Increase productivity
- Reduced maintenance cost
- Reduced lubricant leakage, less environmental impact
- Extended bearing service life
- Reduced noise and vibration



Equivalent list

	JIS			SKF		
	housing	bearing	unit	housing	bearing	unit
  FYJ 5(00) YAR 2-2F	F204D1	UC204D1	UCF204D1	FYJ 504	YAR 204-2F	FYJ 20 TF
	F204D1	UC204-012D1	UCF204-012D1	FYJ 504	YAR 204-012-2F	FYJ 3/4 TF
	F205D1	UC205D1	UCF205D1	FYJ 505	YAR 205-2F	FYJ 25 TF
	F205D1	UC205-100D1	UCF205-100D1	FYJ 505	YAR 205-100-2F	FYJ 1. TF
	F206D1	UC206D1	UCF206D1	FYJ 506	YAR 206-2F	FYJ 30 TF
	F207D1	UC207D1	UCF207D1	FYJ 507	YAR 207-2F	FYJ 35 TF
	F207D1	UC207-104D1	UCF207-104D1	FYJ 507	YAR 207-104-2F	FYJ 1.1/4 TF
	F208D1	UC208D1	UCF208D1	FYJ 508	YAR 208-2F	FYJ 40 TF
	F208D1	UC208-108D1	UCF208-108D1	FYJ 508	YAR 208-108-2F	FYJ 1.1/2 TF
	F209D1	UC209D1	UCF209D1	FYJ 509	YAR 209-2F	FYJ 45 TF
	F209D1	UC209-112D1	UCF209-112D1	FYJ 509	YAR 209-112-2F	FYJ 1.3/4 TF
	F210D1	UC210D1	UCF210D1	FYJ 510	YAR 210-2F	FYJ 50 TF
	F211D1	UC211D1	UCF211D1	FYJ 511	YAR 211-2F	FYJ 55 TF
	F211D1	UC211-200D1	UCF211-200D1	FYJ 511	YAR 211-200-2F	FYJ 2. TF
	F212D1	UC212D1	UCF212D1	FYJ 512	YAR 212-2F	FYJ 60 TF
	F213D1	UC213D1	UCF213D1	FYJ 513	YAR 213-2F	FYJ 65 TF
	F213D1	UC213-208D1	UCF213-208D1	FYJ 513	YAR 213-208-2F	FYJ 2.1/2 TF
F214D1	UC214D1	UCF214D1	FYJ 514	YAR 214-2F	FYJ 70 TF	
  SYJ 5(00) YAR 2-2F	P204D1	UC204D1	UCP204D1	SYJ 504	YAR 204-2F	SYJ 20 TF
	P204D1	UC204-012D1	UCP204-012D1	SYJ 504	YAR 204-012-2F	SYJ 3/4 TF
	P205D1	UC205D1	UCP205D1	SYJ 505	YAR 205-2F	SYJ 25 TF
	P205D1	UC204-014D1	UCP204-014D1	SYJ 505	YAR 205-014-2F	SYJ 7/8 TF
	P205D1	UC205-100D1	UCP205-100D1	SYJ 505	YAR 205-100-2F	SYJ 1. TF
	P206D1	UC206D1	UCP206D1	SYJ 506	YAR 206-2F	SYJ 30 TF
	P206D1	UC206-102D1	UCP206-102D1	SYJ 506	YAR 206-102-2F	SYJ 1.1/8 TF
	P206D1	UC206-103D1	UCP206-103D1	SYJ 506	YAR 206-103-2F	SYJ 1.3/16 TF
	P207D1	UC207D1	UCP207D1	SYJ 507	YAR 207-2F	SYJ 35 TF
	P207D1	UC207-104D1	UCP207-104D1	SYJ 507	YAR 207-104-2F	SYJ 1.1/4 TF
	P208D1	UC208D1	UCP208D1	SYJ 508	YAR 208-2F	SYJ 40 TF
	P208D1	UC208-108D1	UCP208-108D1	SYJ 508	YAR 208-108-2F	SYJ 1.1/2 TF
	P209D1	UC209D1	UCP209D1	SYJ 509	YAR 209-2F	SYJ 45 TF
	P209D1	UC209-112D1	UCP209-112D1	SYJ 509	YAR 209-112-2F	SYJ 1.3/4 TF
	P210D1	UC210D1	UCP210D1	SYJ 510	YAR 210-2F	SYJ 50 TF
	P211D1	UC211D1	UCP211D1	SYJ 511	YAR 211-2F	SYJ 55 TF
	P211D1	UC211-200D1	UCP211-200D1	SYJ 511	YAR 211-200-2F	SYJ 2. TF
	P212D1	UC212D1	UCP212D1	SYJ 512	YAR 212-2F	SYJ 60 TF
	P212D1	UC212-204D1	UCP212-204D1	SYJ 512	YAR 212-204-2F	SYJ 2.1/4 TF
	P213D1	UC213D1	UCP213D1	SYJ 513	YAR 213-2F	SYJ 65 TF
P213D1	UC213-208D1	UCP213-208D1	SYJ 513	YAR 213-208-2F	SYJ 2.1/2 TF	
P214D1	UC214D1	UCP214D1	SYJ 514	YAR 214-2F	SYJ 70 TF	

	JIS			SKF		
	housing	bearing	unit	housing	bearing	unit
 <p>SYJ 5(00) YSA 2-2FK on adapter sleeve</p>	P205D1	UK205D1	UKP205D1; H2305X	SYJ 505	YSA 205-2FK	SYJ 25 KF;H2305
	P206D1	UK206D1	UKP206D1; H2306X	SYJ 506	YSA 206-2FK	SYJ 30 KF;H2306
	P207D1	UK207D1	UKP207D1; H2307X	SYJ 507	YSA 207-2FK	SYJ 35 KF;H2307
	P208D1	UK208D1	UKP208D1; H2308X	SYJ 508	YSA 208-2FK	SYJ 40 KF;H2308
	P209D1	UK209D1	UKP209D1; H2309X	SYJ 509	YSA 209-2FK	SYJ 45 KF;H2309
	P210D1	UK210D1	UKP210D1; H2310X	SYJ 510	YSA 210-2FK	SYJ 50 KF;H2310
	P211D1	UK211D1	UKP211D1; H2311X	SYJ 511	YSA 211-2FK	SYJ 55 KF;H2311
	P212D1	UK212D1	UKP212D1; H2312X	SYJ 512	YSA 212-2FK	SYJ 60 KF;H2312
	P213D1	UK213D1	UKP213D1; H2313X	SYJ 513	YSA 213-2FK	SYJ 65 KF;H2313
 <p>FYJ 5(00) YSA 2-2FK on adapter sleeve</p>	F205D1	UK205D1	UKF205D1; H2305X	FYJ 505	YSA 205-2FK	FYJ 25 KF;H2305
	F206D1	UK206D1	UKF206D1; H2306X	FYJ 506	YSA 206-2FK	FYJ 30 KF;H2306
	F207D1	UK207D1	UKF207D1; H2307X	FYJ 507	YSA 207-2FK	FYJ 35 KF;H2307
	F208D1	UK208D1	UKF208D1; H2308X	FYJ 508	YSA 208-2FK	FYJ 40 KF;H2308
	F209D1	UK209D1	UKF209D1; H2309X	FYJ 509	YSA 209-2FK	FYJ 45 KF;H2309
	F210D1	UK210D1	UKF210D1; H2310X	FYJ 510	YSA 210-2FK	FYJ 50 KF;H2310
	F211D1	UK211D1	UKF211D1; H2311X	FYJ 511	YSA 211-2FK	FYJ 55 KF;H2311
	F212D1	UK212D1	UKF212D1; H2312X	FYJ 512	YSA 212-2FK	FYJ 60 KF;H2312
	F213D1	UK213D1	UKF213D1; H2313X	FYJ 513	YSA 213-2FK	FYJ 65 KF;H2313
 <p>SYFJ 5(00) YAR 2-2F</p>	UP204D1	UC204D1	UCUP204D1	SYFJ 504	YAR 204-2F	SYFJ 20 TF
	UP205D1	UC205D1	UCUP205D1	SYFJ 505	YAR 205-2F	SYFJ 25 TF
	UP206D1	UC206D1	UCUP206D1	SYFJ 506	YAR 206-F	SYFJ 30 TF
	UP207D1	UC207D1	UCUP207D1	SYFJ 507	YAR 207-2F	SYFJ 35 TF
	UP208D1	UC208D1	UCUP208D1	SYFJ 508	YAR 208-2F	SYFJ 40 TF
	UP209D1	UC209D1	UCUP209D1	SYFJ 509	YAR 209-2F	SYFJ 45 TF
	UP210D1	UC210D1	UCUP210D1	SYFJ 510	YAR 210-2F	SYFJ 50 TF
 <p>FYTJ 5(00) YAR 2-2F</p>	FL204D1	UC204D1	UCFL204D1	FYTJ 504	YAR 204-2F	FYTJ 20 TF
	FL204D1	UC204-012D1	UCFL204-012D1	FYTJ 504	YAR 204-012-2F	FYTJ 3/4 TF
	FL205D1	UC205D1	UCFL205D1	FYTJ 505	YAR 205-2F	FYTJ 25 TF
	FL205D1	UC205-100D1	UCFL205-100D1	FYTJ 505	YAR 205-100-2F	FYTJ 1 TF
	FL206D1	UC206D1	UCFL206D1	FYTJ 506	YAR 206-2F	FYTJ 30 TF
	FL207D1	UC207D1	UCFL207D1	FYTJ 507	YAR 207-2F	FYTJ 35 TF
	FL207D1	UC207-104D1	UCFL207-104D1	FYTJ 507	YAR 207-104-2F	FYTJ 1.1/4 TF
	FL208D1	UC208D1	UCFL208D1	FYTJ 508	YAR 208-2F	FYTJ 40 TF
	FL208D1	UC208-108D1	UCFL208-108D1	FYTJ 508	YAR 208-108-2F	FYTJ 1.1/2 TF
	FL209D1	UC209D1	UCFL209D1	FYTJ 509	YAR 209-2F	FYTJ 45 TF
	FL209D1	UC209-112D1	UCFL209-112D1	FYTJ 509	YAR 209-112-2F	FYTJ 1.3/4 TF
FL210D1	UC210D1	UCFL210D1	FYTJ 510	YAR 210-2F	FYTJ 50 TF	
 <p>TUJ 5(00) YAR 2-2F</p>	T204D1	UC204D1	UCT204D1	TUJ 504	YAR 204-2F	TUJ 20 TF
	T205D1	UC205D1	UCT205D1	TUJ 505	YAR 205-2F	TUJ 25 TF
	T206D1	UC206D1	UCT206D1	TUJ 506	YAR 206-2F	TUJ 30 TF
	T207D1	UC207D1	UCT207D1	TUJ 507	YAR 207-2F	TUJ 35 TF
	T208D1	UC208D1	UCT208D1	TUJ 508	YAR 208-2F	TUJ 40 TF
	T209D1	UC209D1	UCT209D1	TUJ 509	YAR 209-2F	TUJ 45 TF
	T210D1	UC210D1	UCT210D1	TUJ 510	YAR 210-2F	TUJ 50 TF
	T211D1	UC211D1	UCT211D1	TUJ 511	YAR 211-2F	TUJ 55 TF
T212D1	UC212D1	UCT212D1	TUJ 512	YAR 212-2F	TUJ 60 TF	



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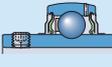
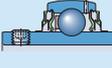
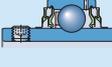
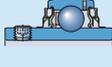
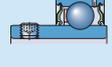
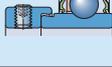
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Designs

Y-bearing unit	Composite housings			Cast housings							
	 SYK 5(00)	 FYK 5(00)	 FYTBK 5(00)	 SY 5(00)	 SYJ 5(00)	 SYH 5(00)	 SYM 5(00)	 SYF 5(00)	 SYFJ 5(00)	 FY 5(00)	
YAR 2-2F 	SYK .. TF 20-40 mm	FYK .. TF 20-40 mm 3/4-1 1/2 in. ¹⁾	FYTBK .. TF 20-35 mm 3/4-1 1/4 in. ¹⁾	SY .. TF 12-65 mm 1/2-2 15/16 in.	SYJ .. TF 20-100 mm 3/4-2 1/2 in.	SYH .. TF 1/2-2 7/16 in.	SYM .. TF 1 7/16-3 in.	SYF .. TF 20-50 mm 3/4-1 3/4 in. ¹⁾	SYFJ .. TF 20-50 mm 3/4-1 3/4 in. ¹⁾	FY .. TF 12-65 mm 1/2-2 7/16 in.	F .. TF 20-100 mm 3/4-2 1/2 in.
YAR 2-2RF 	SYK .. TR 20-40 mm	FYK .. TR 20-40 mm 3/4-1 1/2 in. ¹⁾	FYTBK .. TR 20-35 mm 3/4-1 1/4 in. ¹⁾	SY .. TR 20-60 mm 3/4-2 1/2 in. ¹⁾	20-65 mm ¹⁾ 3/4-2 1/2 in. ¹⁾	-	-	20-50 mm ¹⁾ 3/4-1 3/4 in. ¹⁾	20-50 mm ¹⁾ 3/4-1 3/4 in. ¹⁾	FY .. TR 20-60 mm 3/4-2 1/2 in. ¹⁾	20-100 mm ¹⁾ 3/4-2 1/2 in. ¹⁾
YAR 2-2RF/ HV 	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	20-35 mm ¹⁾ 3/4-1 7/16 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	-	-	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in.	20-100 mm ¹⁾ 3/4-2 1/2 in.
YAR 2-2RF/ VE495 	20-40 mm ¹⁾	20-40 mm ¹⁾	20-35 mm ¹⁾	20-40 mm ¹⁾	20-40 mm ¹⁾	-	-	20-40 mm ¹⁾	20-40 mm ¹⁾	20-40 mm ¹⁾	20-100 mm ¹⁾
YAT 2 	20-40 mm ¹⁾	20-40 mm ¹⁾	20-35 mm ¹⁾	17-50 mm ¹⁾	20-50 mm ¹⁾	-	-	20-50 mm ^{1)h}	20-50 mm ¹⁾	17-50 mm ¹⁾	20-100 mm ¹⁾
YEL 2-2F 	20-40 mm ¹⁾	20-40 mm ¹⁾	20-35 mm ¹⁾	SY .. WF 20-60 mm 1 7/16-1 15/16 in.	20-60 mm ¹⁾	SYH .. WF 3/4-2 7/16 in.	-	20-50 mm ¹⁾	20-50 mm ¹⁾	FY .. WF 20-60 mm 1-2 7/16 in.	20-100 mm ¹⁾
YEL 2-2RF/ VLO65 	20-40 mm ¹⁾	20-40 mm ¹⁾	20-35 mm ¹⁾	20-40 mm ¹⁾	20-40 mm ¹⁾	-	-	20-40 mm ¹⁾	20-40 mm ¹⁾	20-40 mm ¹⁾	20-100 mm ¹⁾
YET 2 	20-40 mm ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	20-35 mm ¹⁾ 3/4-1 7/16 in. ¹⁾	SY .. FM 15-60 mm 3/4-1 1/2 in. ¹⁾	20-60 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	SYH .. FM 1-2 in.	-	SYF .. FM 20-50 mm 3/4-1 1/2 in. ¹⁾	SYFJ .. FM 20-50 mm 3/4-1 1/2 in. ¹⁾	FY .. FM 15-60 mm 3/4-2 3/8 in. ¹⁾	20-100 mm ¹⁾ 3/4-2 1/2 in.
YSA 2-2FK on adapter sleeve 	20-35 mm ¹⁾ 3/4-1 1/4 in. ¹⁾	20-35 mm ¹⁾ 3/4-1 1/4 in. ¹⁾	20-30 mm ¹⁾ 3/4-1 3/16 in. ¹⁾	20-60 mm ¹⁾ 3/4-2 3/8 in. ¹⁾	SYJ .. KF 20-60 mm 3/4-2 3/8 in. ¹⁾	-	-	20-45 mm ¹⁾ 3/4-1 3/4 in. ¹⁾	12-45 mm ¹⁾ 3/4-1 3/4 in. ¹⁾	20-60 mm ¹⁾ 3/4-2 3/8 in. ¹⁾	F .. KF 20-100 mm ¹⁾ 3/4-2 1/2 in.
17262(00) 17263(00) 	20-40 mm ¹⁾	20-40 mm ¹⁾	20-35 mm ¹⁾	17-60 mm ¹⁾	20-60 mm ¹⁾	-	-	20-50 mm ¹⁾	20-50 mm ¹⁾	17-60 mm ¹⁾	20-100 mm ¹⁾

¹⁾ Parts must be ordered separately.

■ SKF equivalent for Japanese range available on the next page.

								Stamped steel housings			
											
FYJ 5(00)	FYM 5(00)	FYT 5(00)	FYTБ 5(00)	FYTJ 5(00)	FYC 5(00)	TU 5(00)	TUJ 5(00)	P 40-P 85	PF 40-90	PFD 40-80	PFT 40-80
FYJ .. TF 100 mm 2 1/2 in. ¹⁾	FYM .. TF 1 7/16-3 in.	FYT .. TF 1/2-2 3/16 in.	FYTБ .. TF 12-50 mm 3/4-1 3/4 in.	FYTJ .. TF 20-50 mm 3/4-1 3/4 in.	FYC .. TF 20-65 mm 3/4-2 1/2 in. ¹⁾	TU .. TF 20-55 mm 3/4-2 3/16 in.	TUJ .. TF 20-60 mm 3/4-2 in. ¹⁾	12-45 mm ¹⁾ 1/2-1 3/4 in. ¹⁾	12-50 mm ¹⁾ 3/4-1 3/4 in. ¹⁾	12-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	12-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾
20-60 mm ¹⁾ 2 1/2 in. ¹⁾	-	-	FYTБ .. TR 20-50 mm 3/4-1 3/4 in. ¹⁾	20-50 mm ¹⁾ 3/4-1 3/4 in. ¹⁾	20-65 mm ¹⁾ 3/4-2 1/2 in. ¹⁾	20-55 mm ¹⁾ 3/4-2 in. ¹⁾	20-60 mm ¹⁾ 3/4-2 in. ¹⁾	12-45 mm ¹⁾ 3/4-1 3/4 in. ¹⁾	20-35 mm ¹⁾ 3/4-1 3/4 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾
20-40 mm ¹⁾ 1 1/2 in. ¹⁾	-	-	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾				
20-40 mm ¹⁾	-	-	20-40 mm ¹⁾	20-40 mm ¹⁾	20-40 mm ¹⁾	20-40 mm ¹⁾	20-40 mm ¹⁾				
20-50 mm ¹⁾	-	FYT .. RM 1/2-2 3/16 in.	17-50 mm ¹⁾	20-50 mm ¹⁾	20-50 mm ¹⁾	20-50 mm ¹⁾	20-50 mm ¹⁾	17-45 mm ¹⁾ 5/8-1 3/4 in. ¹⁾	17-50 mm ¹⁾ 5/8-1 15/16 in. ¹⁾	17-40 mm ¹⁾ 5/8-1 1/2 in. ¹⁾	17-40 mm ¹⁾ 5/8-1 1/2 in. ¹⁾
20-50 mm ¹⁾	-	-	FYTБ .. WF 20-50 mm	20-50 mm ¹⁾	20-60 mm ¹⁾	20-55 mm ¹⁾	20-60 mm ¹⁾	12-45 mm ¹⁾ 1/2-1 3/4 in. ¹⁾	20-50 mm ¹⁾ 1/2-1 15/16 in. ¹⁾	20-40 mm ¹⁾ 1/2-1 1/2 in. ¹⁾	20-40 mm ¹⁾ 1/2-1 1/2 in. ¹⁾
20-40 mm ¹⁾	-	-	20-40 mm ¹⁾	20-40 mm ¹⁾	20-40 mm ¹⁾	20-40 mm ¹⁾	20-40 mm ¹⁾				
20-60 mm ¹⁾ 1 1/2 in. ¹⁾	-	FYT .. FM 1/2-2 3/16 in.	FYTБ .. FM 15-50 mm 3/4-1 1/2 in. ¹⁾	20-50 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	TU .. FM 20-55 mm 3/4-1 1/2 in. ¹⁾	20-60 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	15-45 mm ¹⁾ 1/2-1 3/4 in. ¹⁾	15-50 mm ¹⁾ 3/4-1 3/4 in. ¹⁾	15-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾	15-40 mm ¹⁾ 3/4-1 1/2 in. ¹⁾
FYJ .. KF 60 mm 2 3/8 in. ¹⁾	-	-	20-45 mm ¹⁾ 3/4-1 3/4 in. ¹⁾	FYTJ .. KF 20-45 mm 3/4-1 3/4 in.	20-60 mm ¹⁾ 3/4-2 3/8 in. ¹⁾	20-50 mm ¹⁾ 3/4-2 in. ¹⁾	20-55 mm ¹⁾ 3/4-2 1/8 in. ¹⁾	20-40 mm ¹⁾ 3/4-1 3/4 in. ¹⁾	20-45 mm ¹⁾ 3/4-1 3/4 in. ¹⁾	20-35 mm ¹⁾ 3/4-1 1/4 in. ¹⁾	20-35 mm ¹⁾ 3/4-1 3/4 in. ¹⁾
20-60 mm ¹⁾	-	-	17-50 mm ¹⁾	20-50 mm ¹⁾	20-60 mm ¹⁾	20-55 mm ¹⁾	0-60 mm ¹⁾	17-45 mm ¹⁾	17-50 mm ¹⁾	17-40 mm ¹⁾	17-40 mm ¹⁾