



TULEJE PROWADZĄCE

Werkstoff:

SANKYO SO#50SP2, Bronze mit Festschmierstoff, wartungsfrei

Größe und Form der Lager
1.) Länge der Lager

Die bei einem Wellendurchmesser Ds allgemein empfohlene Länge L liegt in folgendem Längenbereich: $0.5 < L/Ds < 2$

2.) Wandstärke der Lager

Die bei einem Wellendurchmesser Ds allgemein empfohlene Wandstärke t liegt innerhalb der folgenden Toleranzen:

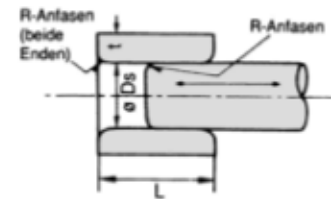
$$t = aD_s + h \text{ (mm)}$$

$$a = 0.05 \approx 0.07$$

$$h = 2 \approx 5 \text{ mm}$$

3.) Anfasen

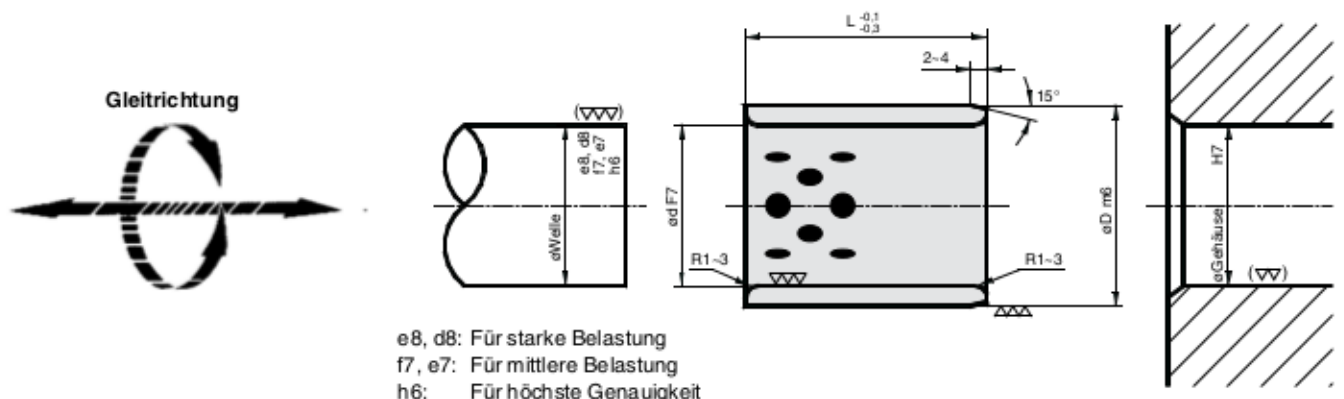
Sorgfältiges Anfasen der Wellenenden ist notwendig.



Bestell-Nr.	Abmessungen mm			Anlauf-scheibe	
	∅ dF7 ¹⁾	∅ Dm6	L ^{-0.1 -0.3}		
SOB 08-12-08	8	12	8	-	
SOB 08-12-10			10		
SOB 08-12-12			12		
SOB 08-12-15			15		
SOB 10-14-08	+0.028 +0.013	14	8	SOBW-10	
SOB 10-14-10			10		
SOB 10-14-12	10	14	12	SOBW-10	
SOB 10-14-15			15		
SOB 10-14-20			+0.018 +0.007		20
SOB 12-18-10			10		SOBW-12
SOB 12-18-12	12				
SOB 12-18-15	15				
SOB 12-18-16	16				
SOB 12-18-19	12	18	19	SOBW-12	
SOB 12-18-20			20		
SOB 12-18-25			25		
SOB 12-18-30			30		
SOB 13-19-10	13	19	10	SOBW-13	
SOB 13-19-12			12		
SOB 13-19-15			15		
SOB 13-19-16			16		
SOB 13-19-20	14	20	20	SOBW-14	
SOB 14-20-10			10		
SOB 14-20-12			12		
SOB 14-20-15			15		
SOB 14-20-20	+0.034 +0.016	20	20	SOBW-14	
SOB 14-20-25			25		
SOB 14-20-30			30		
SOB 15-21-10			10		SOBW-15
SOB 15-21-12	12				
SOB 15-21-15	15				
SOB 15-21-16	+0.021 +0.008	16			
SOB 15-21-20	15	21	20	SOBW-15	
SOB 15-21-25			25		
SOB 15-21-30			30		
SOB 16-22-10			10		SOBW-16
SOB 16-22-12	12				
SOB 16-22-15	15				
SOB 16-22-16	16				
SOB 16-22-19	16	22	19	SOBW-16	
SOB 16-22-20			20		
SOB 16-22-25			25		
SOB 16-22-30			30		
SOB 16-22-35	17	23	35	-	
SOB 16-22-40			40		
SOB 17-23-15			15		

Bestell-Nr.	Abmessungen mm			Anlauf-scheibe	
	∅ dF7 ¹⁾	∅ Dm6	L ^{-0.1 -0.3}		
SOB 18-24-12	18	24	12	SOBW-18	
SOB 18-24-15			15		
SOB 18-24-16			16		
SOB 18-24-20			+0.034 +0.016		20
SOB 18-24-25	19	26	25	SOBW-18	
SOB 18-24-30			30		
SOB 18-24-35			35		
SOB 18-24-40			40		
SOB 19-26-15	19	26	15	-	
SOB 19-26-20			20		
SOB 20-28-10			10		SOBW-20
SOB 20-28-12			12		
SOB 20-28-15	15				
SOB 20-28-16	+0.021 +0.008	16			
SOB 20-28-19	20	28	19	SOBW-20	
SOB 20-28-20			20		
SOB 20-28-25			25		
SOB 20-28-30			30		
SOB 20-28-35	20	30	35	SOBW-20	
SOB 20-28-40			40		
SOB 20-28-50			50		
SOB 20-30-16			16		SOBW-25
SOB 20-30-20	20				
SOB 20-30-25	25				
SOB 20-30-30	30				
SOB 20-30-35	+0.041 +0.020	32	35	SOBW-25	
SOB 20-30-40			40		
SOB 22-32-12			12		
SOB 22-32-15			15		
SOB 22-32-20	22	32	20	-	
SOB 22-32-25			25		
SOB 25-33-12			12		
SOB 25-33-15			15		
SOB 25-33-16	25	33	16	SOBW-25	
SOB 25-33-20			20		
SOB 25-33-25			+0.025 +0.009		25
SOB 25-33-30			30		
SOB 25-33-35	25	35	35	SOBW-25	
SOB 25-33-40			40		
SOB 25-33-50			50		
SOB 25-33-60			60		
SOB 25-35-12	25	35	12	SOBW-25	
SOB 25-35-15			15		
SOB 25-35-16			16		
SOB 25-35-20			20		
SOB 25-35-25	17	23	25	-	

¹⁾nach dem Einpressen H7



e8, d8: Für starke Belastung
 f7, e7: Für mittlere Belastung
 h6: Für höchste Genauigkeit

Bestell-Nr.	Abmessungen mm			Anlauf-scheibe			
	Ø dF7 ¹⁾	Ø Dm6	L ^{-0.1} / _{-0.3}				
SOB 25-35-30	25	35	30	SOBW-25			
SOB 25-35-35			35				
SOB 25-35-40			40				
SOB 25-35-50			50				
SOB 28-38-20			28		38	20	-
SOB 28-38-25	25						
SOB 28-38-30	30						
SOB 28-38-40	40						
SOB 30-38-12	12						
SOB 30-38-15	30	30	15	SOBW-30			
SOB 30-38-20			20				
SOB 30-38-25			25				
SOB 30-38-30			+0.041		30		
SOB 30-38-35			+0.020		35		
SOB 30-38-40			40				
SOB 30-38-50			50				
SOB 30-38-60			60				
SOB 30-40-12			40		40	12	SOBW-40
SOB 30-40-15						15	
SOB 30-40-20	20						
SOB 30-40-25	25						
SOB 30-40-30	30						
SOB 30-40-35	+0.025	35					
SOB 30-40-40	+0.009	40					
SOB 30-40-50	50						
SOB 30-40-60	60						
SOB 31-40-30	31.5	31.5		30		-	
SOB 31-40-40			40				
SOB 32-42-20	32	42	20	-			
SOB 32-42-30			30				
SOB 32-42-40			40				
SOB 35-44-20	35	44	20	SOBW-35			
SOB 35-44-25			25				
SOB 35-44-30			30				
SOB 35-44-35			35				
SOB 35-44-40			+0.050		40		
SOB 35-44-50			+0.025		50		
SOB 35-44-60			60				
SOB 35-45-20			20				
SOB 35-45-25			25				
SOB 35-45-30			30				
SOB 35-45-35	45	45	35	SOBW-45			
SOB 35-45-40			40				
SOB 35-45-50			50				
SOB 35-45-60			60				
SOB 38-48-30			38		48	30	-

Bestell-Nr.	Abmessungen mm			Anlauf-scheibe			
	Ø dF7 ¹⁾	Ø Dm6	L ^{-0.1} / _{-0.3}				
SOB 38-48-40	38	48	40	-			
SOB 40-50-15	40	50	15	SOBW-50			
SOB 40-50-20			20				
SOB 40-50-25			25				
SOB 40-50-30			30				
SOB 40-50-35			+0.025		35		
SOB 40-50-40	+0.009	40					
SOB 40-50-50	50						
SOB 40-50-60	60						
SOB 40-50-70	70						
SOB 40-50-80	80						
SOB 40-55-15	40	55	15	SOBW-40			
SOB 40-55-25			25				
SOB 40-55-30			30				
SOB 40-55-35			35				
SOB 40-55-40			40				
SOB 40-55-50			50				
SOB 40-55-60			60				
SOB 45-55-30			45		55	30	SOBW-45
SOB 45-55-35						35	
SOB 45-55-40						40	
SOB 45-55-50	50						
SOB 45-55-60	+0.050	60					
SOB 45-56-30	+0.025	30					
SOB 45-56-35	35						
SOB 45-56-40	40						
SOB 45-56-50	50						
SOB 45-56-60	60						
SOB 45-60-30	45	60	+0.030	30	SOBW-50		
SOB 45-60-35			+0.011	35			
SOB 45-60-40			40				
SOB 45-60-50			50				
SOB 45-60-60			60				
SOB 45-60-70			70				
SOB 45-60-80			80				
SOB 50-60-20			50	60		20	SOBW-50
SOB 50-60-30						30	
SOB 50-60-35						35	
SOB 50-60-40	40						
SOB 50-60-50	50						
SOB 50-60-60	60						
SOB 50-60-70	70						
SOB 50-60-80	80						
SOB 50-62-30	50	62			30	SOBW-60	
SOB 50-62-35					35		
SOB 50-62-40			40				

¹⁾nach dem Einpressen H7

Bestell-Nr.	Abmessungen mm			Anlauf-scheibe	
	Ø dF7 ^{*)}	Ø Dm6	L ^{-0.1} _{-0.3}		
SOB 50-62-50			50		
SOB 50-62-60		62	60		
SOB 50-62-70			70		
SOB 50-65-30			30		
SOB 50-65-40	50	+0.050 +0.025	40	SOBW-50	
SOB 50-65-50			50		
SOB 50-65-60			60		
SOB 50-65-70			70		
SOB 50-65-80			80		
SOB 50-65-100			100		
SOB 55-70-40			40		
SOB 55-70-50	55	70	50		
SOB 55-70-60			60		
SOB 55-70-70			70		
SOB 60-74-30			30		
SOB 60-74-35			35		
SOB 60-74-40			40		
SOB 60-74-50		74	50		
SOB 60-74-60			+0.030	60	
SOB 60-74-70			+0.011	70	SOBW-60
SOB 60-74-80				80	
SOB 60-74-100	60		100		
SOB 60-75-30				30	
SOB 60-75-35				35	
SOB 60-75-40				40	
SOB 60-75-50				50	
SOB 60-75-60				60	
SOB 60-75-70		75	70		
SOB 60-75-80			80		
SOB 60-75-100			100		
SOB 63-75-60				60	
SOB 63-75-70	63		70		
SOB 63-75-80			80		
SOB 65-80-40				40	
SOB 65-80-50		+0.060 +0.030	50		
SOB 65-80-60	65	80	60	SOBW-65	
SOB 65-80-70			70		
SOB 65-80-80			80		
SOB 70-85-30			30		
SOB 70-85-35			35		
SOB 70-85-40			40		
SOB 70-85-50		85	50		
SOB 70-85-60			60		
SOB 70-85-70	70		70	SOBW-70	
SOB 70-85-80			80		
SOB 70-85-100		100			
SOB 70-90-50			50		
SOB 70-90-60		+0.035 +0.013	60		
SOB 70-90-70			70		
SOB 70-90-80			80		
SOB 75-90-50		90	50		
SOB 75-90-60			60		
SOB 75-90-70			70		
SOB 75-90-80	75		80	SOBW-75	
SOB 75-90-100		100			
SOB 75-95-60			60		
SOB 75-95-70			70		
SOB 75-95-80		95	80		

Bestell-Nr.	Abmessungen mm			Anlauf-scheibe	
	Ø dF7 ^{*)}	Ø Dm6	L ^{-0.1} _{-0.3}		
SOB 75-95-100	75		95	100	SOBW-75
SOB 80-96-40				40	
SOB 80-96-50				50	
SOB 80-96-60				60	
SOB 80-96-70			96	70	
SOB 80-96-80				80	
SOB 80-96-100				100	
SOB 80-96-120				120	
SOB 80-100-40	80	+0.060 +0.030		40	SOBW-80
SOB 80-100-50				50	
SOB 80-100-60				60	
SOB 80-100-70				70	
SOB 80-100-80			100	80	
SOB 80-100-100				100	
SOB 80-100-120				120	
SOB 80-100-140				140	
SOB 85-100-60	85		+0.035 +0.013	60	
SOB 85-100-80				80	
SOB 90-110-30				30	
SOB 90-110-50				50	
SOB 90-110-60				60	
SOB 90-110-70	90		110	70	SOBW-90
SOB 90-110-80				80	
SOB 90-110-90				90	
SOB 90-110-100				100	
SOB 90-110-120				120	
SOB 100-120-50				50	
SOB 100-120-60				60	
SOB 100-120-70				70	
SOB 100-120-80	100	+0.071 +0.036	120	80	SOBW-100
SOB 100-120-90				90	
SOB 100-120-100				100	
SOB 100-120-120				120	
SOB 100-120-140				140	
SOB 110-130-50				50	
SOB 110-130-70				70	
SOB 110-130-80	110		130	80	
SOB 110-130-100				100	
SOB 110-130-120				120	
SOB 120-140-70				70	
SOB 120-140-80				80	
SOB 120-140-90	120		140	90	SOBW-120
SOB 120-140-100				100	
SOB 120-140-120				120	
SOB 120-140-140				140	
SOB 125-145-100	125		145	+0.040 +0.015	100
SOB 125-145-120				120	
SOB 130-150-80				80	
SOB 130-150-100	130		150	100	
SOB 130-150-130				130	
SOB 140-160-100					
SOB 140-160-140	140	+0.083 +0.043	160	140	
SOB 150-170-80					
SOB 150-170-100	150		170	100	
SOB 150-170-150				150	
SOB 160-180-80					
SOB 160-180-100	160		180	100	
SOB 160-180-150				150	

^{*)} nach dem Einpressen H7

1.1/D/05.13