

Flanged Idlers with Teeth

S2M, S3M

The shaft bore specifications for the Timing Pulleys is applicable to the Idlers. P.1397, 1399 Idler shafts (cantilever shafts) are selectable from P.881~906. Tensioners can be selected from P.1555, P.1556.

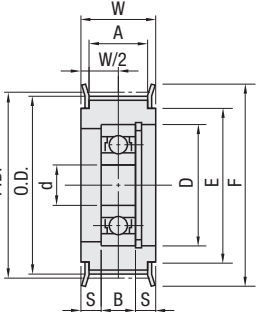


RoHS10

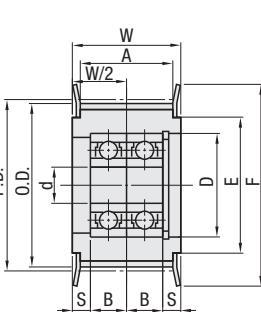
Type		Material		Surface Treatment	
Center Bearing	Both Sides Bearing	Main Body	Flange	Bearing	
AHTF	AHTFW	Aluminum Alloy	A5052	Steel	Clear Anodize
NHTF	KHTFW				Hard Clear Anodize *
SHTF	NHTFW				Electroless Nickel Plating
		SUS304	Stainless Steel		-

* Hard Clear Anodize: Film Hardness 300HV ~

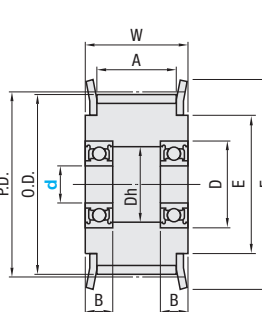
• Center Bearing
<Bearing 1 pc.>



• Both Sides Bearing
<Bearing 2 pcs.>



• Both Sides Bearing



* Bearing Accuracy: JIS B1514 Class 0 (before press-fitting)

⚙ Bearings are press-fitted.

S2M (Center Bearing)

Part Number		Shaft Dia. d	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions			Unit Price	
Type	Number of Teeth Applicable Belt									No.	D	B	AHTF	NHTF
AHTF	40	S2M040	5	25.46	24.96	30	20	5	9	2.5	695ZZx1	13	4	
		S2M060	6											
		S2M100	6											
	48	S2M040	6	30.56	30.05	35	25	5	9	2	696ZZx1	15	5	
		S2M060	6											
		S2M100	6											
	50	S2M040	6	31.83	31.32	35	25	5	9	2	696ZZx1	15	5	
		S2M060	8											
		S2M100	8											
	60	S2M040	10	38.20	37.69	44	32	5	9	1.5	6900ZZx1	22	6	
		S2M060	10											

S2M (Both Sides Bearing)

Part Number		Shaft Dia. d	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions			Unit Price	
Type	Number of Teeth Applicable Belt									No.	D	B	AHTFW	NHTFW
AHTFW NHTFW	20	S2M040	3	12.73	12.22	16	10	5	9	5	673ZZx2	6	2.5	
		S2M060	4											
		S2M100	4											
	30	S2M040	3	19.01	18.59	22	14	5	9	5	673ZZx2	6	2.5	
		S2M060	4											
		S2M100	4											
	32	S2M040	3	20.37	19.86	25	16	5	9	5	673ZZx2	6	2.5	
		S2M060	4											
		S2M100	4											
	36	S2M040	4	22.92	22.41	28	18	5	9	6	674ZZx2	7	2.5	
		S2M060	5											
		S2M100	5											
	40	S2M040	4	25.46	24.96	30	20	5	9	6	674ZZx2	7	2.5	
		S2M060	5											
		S2M100	6											
	48	S2M040	8	30.56	30.05	35	25	11	15	16.5	698ZZx2	19	6	
		S2M060	8											
		S2M100	8											
	50	S2M040	8	31.83	31.32	35	25	11	15	16.5	698ZZx2	19	6	
		S2M060	8											
		S2M100	8											
	60	S2M040	8	38.20	37.69	44	32	11	15	16.5	698ZZx2	19	6	
		S2M060	8											
		S2M100	8											



Ordering Example

• Center Bearing

Part Number
Type Number of Teeth Applicable Belt
AHTF 40 S2M060

• Both Sides Bearing

Part Number
Type Number of Teeth Applicable Belt
AHTFW 32 - S3M100 - 8

S3M (Center Bearing)

Part Number		Shaft Dia. d	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions			Unit Price		
Type	Number of Teeth Applicable Belt									No.	D	B	AHTF	NHTF	SHTF
AHTF NHTF SHTF	20	S3M060	5	19.10	18.34	22	14	7	11	3	685ZZx1	11*	5		
		S3M100	5												
	24	S3M060	5	22.92	22.16	25	16	7	11	3.5	695ZZx1	13	4		
		S3M100	5												
	25	S3M060	5	23.87	23.11	28	18	7	11	3.5	695ZZx1	13	4		-
	26	S3M060	6	24.83	24.07	28	18	7	11	3	696ZZx1	15	5		-
	28	S3M060	6	26.74	25.98	30	20	7	11	3	696ZZx1	15	5		-
	30	S3M060	6	28.65	27.89	32	23	7	11	3	696ZZx1	15	5		
		S3M100						6	696ZZx1	15	5				
	32	S3M060	8	30.56	29.80	35	25	7	11	2.5	698ZZx1	19	6		
		S3M100						6	698ZZx1	19				6	
	36	S3M060	8	34.38	33.62	40	28	7	11	2.5	698ZZx1	19	6		-
	40	S3M060	10	38.20	37.44	44	32	7	11	2.5	6900ZZx1	22	6		-
	44	S3M060	10	42.02	41.25	48	36	7	11	2.5	6900ZZx1	22	6		-
	48	S3M060	10	45.84	45.07	50	38	7	11	2.5	6900ZZx1	22	6		-
	50	S3M060	10	47.75	46.98	52	40	7	11	2.5	6900ZZx1	22	6		-
	60	S3M060	10	57.30	56.53	61	46	7	11	2.5	6900ZZx1	22	6		-