



Pillow Blocks

Stainless Steel Pillow Block Type (Solid Grease / Food Machinery Grease)

Features: Maintains excellent antiseptic and corrosion resistant properties and can be used with different greases.

PBTSSN (Solid Grease)
PBTSFN (Food Machinery Grease)

Accuracy: JIS B 1558
JIS B 1514
JIS B 1559
Operating Temperature: Solid Grease: -10 to 100°C (normal operating temperature 80°C or below)
Food Machinery Grease: -20 to 110°C

Components	Material
① Housing	CF-8 Stainless Steel Cast
② Bearing Track Ring	440C Stainless Steel Equivalent
③ Rubber Seal	Nitrile Rubber
④ Set Screw	410 Stainless Steel

Part Number Type	D	H	L	L ₁	A	d ₁	d	t	H ₁	B	S	Basic Load Rating (kN)		Set Screw M ₁	Weight (g)
												Cr (Dynamic)	Cor (Static)		
PBTSSN (Solid Grease)	20	33.3	120	95	30	14	12	11	64	31	12.7	9.9	6.65	M5 × 0.8	600
	25	36.5	130	105				12	70	34.1	14.3	10.8	7.85		700
	30	42.9	155	121				36	13	82	38.1	15.9	15		11.3
PBTSFN (Food-Grade Grease)	35	47.6	161	127	40	20	17	13	82	38.1	15.9	19.7	15.3	M8 × 1	1300
	40	49.2	171	137				14	98	49.2	19	22.4	17.8		1700
	45	54	180	146				105	105	20.4	1800				
	50	57.2	195	159				45	22	19	16	114	51.6		27

Part Number Example
Part Number
PBTSSN25
PBTSFN30



Pillow Blocks

Tensioners

Features: Suitable for areas requiring movement of the shaft center, such as belt and chain adjustment.

TUUFLN (Compact Type)

Accuracy: JIS B 1558
JIS B 1514
JIS B 1559
Operating Temperature: -15 to 100°C

Components	Material
① Unit Main Body	Cast Iron Class 30
② Bearing Track Ring	52100 bearing Steel
③ Rubber Seal	Nitrile Rubber
④ Set Screw	4137 Alloy Steel

Part Number Type	D	JIS Nominal (Bearing)	H	H ₁	L	L ₁	A	A ₁	A ₂	W	W ₁	B	S	Mounting Screw Nominal	Allowable Load kN	Basic Load Rating (kN)		Set Screw M ₁	Weight (g)
																Cr (Dynamic)	Cor (Static)		
TUUFLN	12	AS201	100	65	260	235	31	15	27	100	83.5	22	6	M10	3.43	9.6	4.6	M5 × 0.8	1100
	15	AS202														12.8	6.65		
	17	AS203														14	7.85		
	20	AS204																	
25	AS205																		

TUUFW (Lubricated)
TUUFWN (Lubrication-Free)

Accuracy: JIS B 1558
JIS B 1514
JIS B 1559
Operating Temperature: -15 to 100°C

Components	Material
① Unit Main Body	Low Carbon Steel
② Bearing Track Ring	52100 bearing Steel
③ Rubber Seal	Nitrile Rubber
④ Set Screw	4137 Alloy Steel

Part Number Type	D	JIS Nominal (Bearing)	H	H ₁	L	L ₁	A	A ₁	A ₂	W	W ₁	P ₁	P ₂	P ₃	B	S			
																	TUUFWN (Lubrication-Free)	20	UC204D1
	25	UC205D1	68	14.3															
	30	UC206D1	78	15.9															
	35	UC207D1	212	166	429	485	230	80	173	88	22	217	219	49.2	19				
TUUFW (Lubricated)	40	UC208D1	233	192	520	596	300	88	32	300	92	22	217	219	51.6	19			
	45	UC209D1															524	599	35
	50	UC210D1																	

Part Number Type	D	Allowable Load kN	Mounting Screw Nominal	Basic Load Rating (kN)		Adjustment Screw Nominal	Set Screw M ₁	Weight (g)
				Cr (Dynamic)	Cor (Static)			
TUUFWN (Lubrication-Free)	20	7.65	M10	12.8	6.65	TM16 × 3	M5 × 0.8	4700
	25	7.85		14	7.85			5000
	30	9.81		19.5	11.3	TM18 × 4		5700
	35	12.75		25.7	15.3			6800
TUUFW (Lubricated)	40	15.69	M12	29.1	17.8	TM25 × 5	M5 × 0.8	11000
	45			32.5	20.4			
	50			35	23.2			

Part Number Example
Part Number
TUUFLN15
TUUFW20