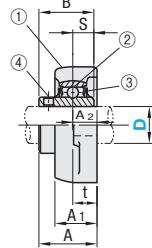
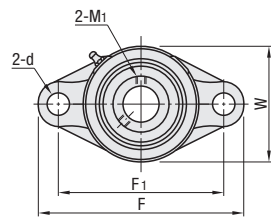


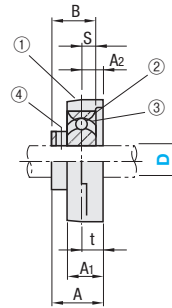
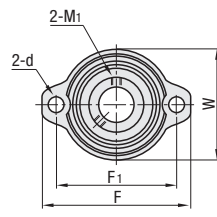
Cast Iron, Flanged



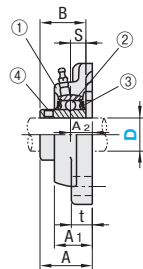
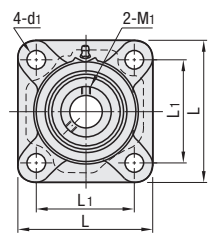
HDH (Diamond Flanged)



HDHCP (Compact Diamond Flanged)



HDF (Square Flanged)



Accuracy: JIS	B	1558
JIS	B	1514
JIS	B	1559

Bearing Inner Diameter Tolerance: H7 (Clearance Fit).
 HDHCP, J7 (Transition Fit).
 Operating Temperature: -15 ~ +100°C

Component	Material
① Housing	M EN-JL 1030 Equiv.
② Bearing	M EN 1.3505 Equiv.
③ Rubber Seal	M Nitrile Rubber (NBR)
④ Set Screw	M EN 1.7220 Equiv.

Part Number		JIS Nominal																		Basic Load Rating [kN]		Set Screw			Mass (g)		Unit Price			
Type	D	HDH	HDF	F	F1	W	L	L1	t	A	A1	A2	d	d1	B	S	Cr (Dynamic)	Cor (Static)	M1	Tightening Torque (N·cm)	Axial Load Capacity (N)	HDH	HDF	HDH	HDF					
HDH HDF	12	UCFL201	UCF201	113	90	60	86	64	12	33.3	25.5	15	12	12	31.0	12.7	12.8	6.6	M6x0.75	392	640	470	630							
	15	UCFL202	UCF202																			450	610							
	17	UCFL203	UCF203																			440	600							
	20	UCFL204	UCF204	490	1280	420	580																							
	25	UCFL205	UCF205		130	99	68	95	70	14	35.8	27.0	16	16	34.1	14.3	14.0	7.9		1400	590	720								
	30	UCFL206	UCF206		148	117	80	108	83											40.2	31.0	18	38.1	15.9	19.6	11.3	1960	900	1010	
	35	UCFL207	UCF207	161	130	90	117	92	44.4										34	19	14	42.9	17.5	25.9	15.4	2590	1200	1380		
	40	UCFL208	UCF208	175	144	100	130	102	16	51.2	36	21	16	49.2	19	29.3	17.9	M8x1	1180	2930	1510	1770								
	45	UCFL209	UCF209	188	148	108	137	105												52.2	38	22	19	33.0	20.5	3300	1900	2070		
	50	UCFL210	UCF210	197	157	115	143	111												54.6	40	22	19	51.6	35.5	23.2	M10x1.25	2350	3550	2200

⚠ kgf = N x 0.101972

Part Number		F	F ₁	W	t	A	A ₁	A ₂	d	B	S	Basic Load Rating (kN)		Set Screw			Mass (g)	Unit Price
Type	D											Cr (Dynamic)	Cor (Static)	M ₁	Tightening Torque (N·cm)	Axial Load Capacity (N)		
HDHCP	12																280	
	15	81	63.5	56	9.5	25.5	18	9.5	7	22	6	9.55	4.8	M5x0.8	250	476	270	
	17																250	
	20	90	71.5	63	11	28.7	20	11	10	24.7	7	12.8	6.6			1280	300	
	25	95	76	69		30.5	20.0			27	7.5	14.0	7.9			1400	400	
	30	113	90.5	79	12	34.3	22.5	12	12	30.3	8	19.6	11.3	M6x0.75	490	1960	580	

Ⓢ kgf = N x 0.101972

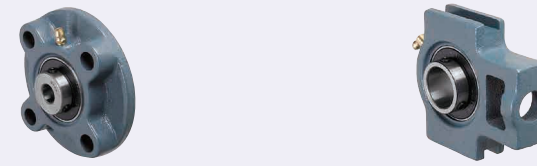


Ordering Example

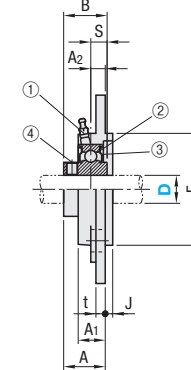
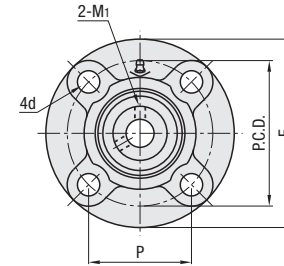
Part Number

HDH20
HDF25
HDHCP25

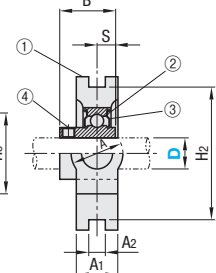
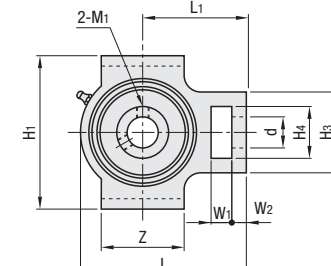
Cast Iron, Pilot / Take-Ups



HDMC (Pilot)



HDTKP (Take-Up)



Accuracy: JIS	B	1558	
	JIS	B	1514
	JIS	B	1559

Bearing Inner Diameter Tolerance: H7 (Clearance Fit)
Operating Temperature: -15 ~ +100°C

Component	Material
① Housing	EN-JL 1030 Equiv.
② Bearing	EN 1.3505 Equiv.
③ Rubber Seal	Nitrile Rubber (NBR)
④ Set Screw	EN 1.7220 Equiv.

Part Number		F	P	P.C.D.	t	A	A ₁	A ₂	J	E	d	B	S	Basic Load Rating (kN)		Set Screw			Mass (g)	Unit Price			
Type	D													Cr (Dynamic)	Cor (Static)	M ₁	Tightening Torque (N·cm)	Axial Load Capacity (N)					
HDMC	12	100	55.1	78	7	28.3	20.5	10	5	62	12	31.0	12.7	12.8	6.6	M6x0.75	392	640	890				
	15																		870				
	17																		860				
	20																		840				
	25	115	63.6	90	7	29.8	21	10	6	70	12	34.1	14.3	14.0	7.9		490	1280	840				
	30	125	70.7	100	8	32.2	23												8	80	14	38.1	15.9
	35	135	77.8	110	9	36.4	26	11	8	90	14	42.9	17.5	25.9	15.4								
	40	145	84.8	120															10	100	16	49.2	19
	45	160	93.3	132	10	105	16	51.6	33.0	20.5	M10x1.25	2350	3550	2420									
	50	165	97.6	138										42.6	28	10	12	110	35.5	23.2	2710		

⚡ $\text{kgf} = \text{N} \times 0.101972$

[illegible]

⚡ $\text{kgf} = \text{N} \times 0.101972$



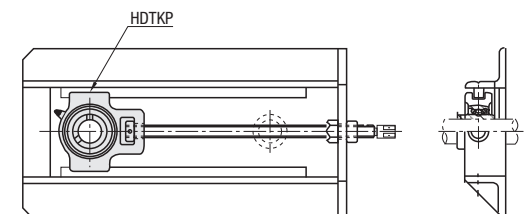
Ordering Example

Part Number

HDMC20
HDTKP15



Example



- HDMC

With the pilot (dia. E part) on the plate mounting side, the ball bearing misalignment can be prevented even if the mounting screws become loose after installation.

- HDTKP

Tension can be adjusted by sliding the guide groove A2. Suitable for adjusting the tension of a belt conveyor, etc.