

Ball Bearing Units
Cast Iron, Flanged

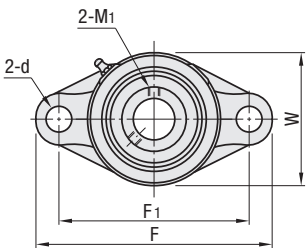
C-VALUE [Medium Accuracy] Ball Bearing Units
Cast Iron, Flanged

Compared to
similar products,
Max. 51% OFF

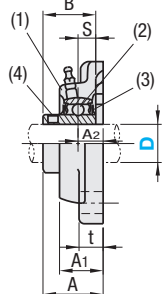
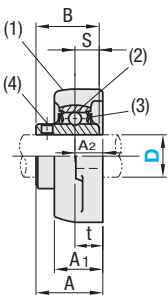
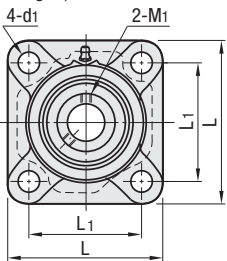
Similar Product Pages P.1024



HDH (Diamond Shape Flanged)



HDF (Square Flanged)



Component	Material
(1) Housing	FC200
(2) Bearing	SUJ2
(3) Rubber Seal	Nitrile Rubber (NBR)
(4) Set Screw	SCM435

Accuracy: JIS B 1558
JIS B 1514
JIS B 1559
Bearing Inner Diameter Tolerance: H7 (Clearance Fit)
Operating Temperature: -15 ~ +100°C
Grease Fitting Nominal Dia.: 1/4-28UNF (Unified Standards)
Ball bearing moves slightly due to self-aligning function.

Part Number		JIS Nominal		F	F ₁	W	L	L ₁	t	A	A ₁	A ₂	d	d ₁	B	S	Basic Load Rating (kN)		Set Screw			Mass (g)		Unit Price	
Type	D	HDH	HDF														Cr (Dynamic)	Cor (Static)	M ₁	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	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																	1280	420	580			
	25	UCFL205	UCF205	130	99	68	95	70	14	35.8	27	16	16	34.1	14.3	14	7.9	490		1400	590	720			
	30	UCFL206	UCF206	148	117	80	108	83		40.2	31	18		38.1	15.9	19.6	11.3			1960	900	1010			
	35	UCFL207	UCF207	161	130	90	117	92	16	44.4	34	19	16	42.9	17.5	25.9	15.4	M8x1	1180	2590	1200	1380			
	40	UCFL208	UCF208	175	144	100	130	102		51.2	36	21		49.2	19	29.3	17.9			2930	1510	1770			
	45	UCFL209	UCF209	188	148	108	137	105	18	52.2	38	22	19	16	19	33	20.5	M10x1.25	2350	3300	1900	2070			
	50	UCFL210	UCF210	197	157	115	143	111		54.6	40					51.6	35.5			23.2	3550	2200	2360		

kgf=Nx0.101972



Ordering
Example

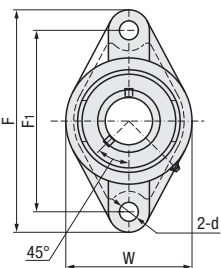
Part Number
HDH25
HDF35



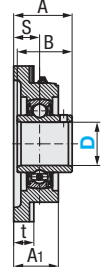
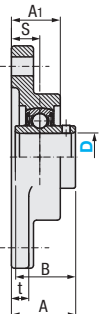
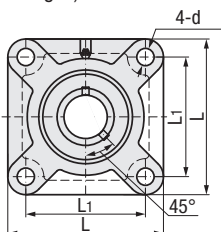
Similar Products Comparison Points | Products designed for light load, intermediate and low rotation speed, and medium rotational accuracy applications. See P.1015 for the description of C-VALUE Products.



C-HDH (Diamond Shape Flanged)



C-HDF (Square Flanged)



Component	Material
(1) Housing	HP200
(2) Bearing	GCR15
(3) Rubber Seal	Nitrile Rubber (NBR)
(4) Set Screw	S45C

Accuracy : JIS B 1558
JIS B 1514
JIS B 1559
Bearing Inner Diameter Tolerance : H7 (Clearance Fit)
Operating Temperature : -25 ~ +60°C
Grease Fitting Nominal Dia. : 1/4-28UNF (Unified Standards)
Ball bearing moves slightly due to self-aligning function.

Part Number		JIS Nominal		F	F ₁	W	L	L ₁	t	A	A ₁	A ₂	d	d ₁	B	S	Basic Load Rating (kN)		Set Screw			Mass (g)		Unit Price	
Type	D	HDH	HDF														Cr (Dynamic)	Cor (Static)	M ₁	Tightening Torque (N·cm)	Axial Load Capacity (N)	HDH	HDF	C-HDH	C-HDF
C-HDH C-HDF	20	UCFL204	UCF204	113	90	62	88	63.5	12	33.3	25.5	15	12	12	31.0	12.7	12.8	6.6	M6x1	400	1280	700	500		
	25	UCFL205	UCF205	125	99	70	97	70	15	35.8	27	16	34.1		14.3	14	7.9	1400			900	600			
	30	UCFL206	UCF206	142	116.5	83	110	82.5	13	40.2	31	18	38.1		15.9	19.6	11.3	1960			1100	900			
	35	UCFL207	UCF207	156	130	96	119	92	14	44.4	34	19	14	42.9	17.5	25.9	15.4	M8x1	850	2590	1500	1200			
	40	UCFL208	UCF208	172	143.5	105	132	101.5	15	51.2	36	21	16	49.2	19	29.3	17.9			2930	1900	1600			

kgf=Nx0.101972



Ordering
Example

Part Number
C-HDH25
C-HDF35