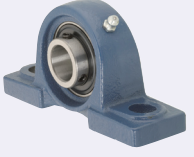


# Ball Bearing Units (Economy)

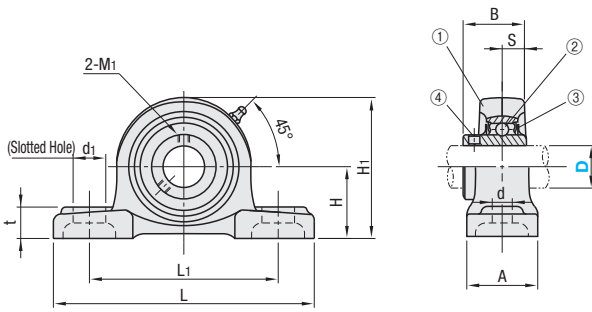
Cast Iron, Pillow Blocks

■ Features: Economical Ball Bearing Units made by major overseas manufacturers. Suitable for sizeable loads transfer.



RoHS

**CPDR (Pillow Blocks)**



Accuracy: JIS B 1558  
JIS B 1514  
JIS B 1559

Bearing Inner Diameter Tolerance is J7\*  
Operating Temperature: -15 ~ +100°C

\* J7 tolerance with standard tolerance shaft creates transition fit. Make adjustments after mounting a shaft due to tighter fit.

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

Part Number	Type	D	H	L	L1	A	d1	d	t	H1	B	S	Basic Load Rating (kN)		Set Screw		Mass (g)	Unit Price
													Cr (Dynamic)	Cor (Static)	M1	Tightening Torque (N·cm)		
CPDR	15	30.2	127	95	38	19	13	15	62	31	12.7	12.8	6.6	M6x1	490	6840	630	
	20	33.3																
	25	36.5	140	105	16	16	70	34	14.3	14.0	7.9							
	30	42.9	165	121	48	21	17	18	83	38.1	15.9	19.5	11.3					
	35	47.6	167	127														
	40	49.2	184	137	54	25	19	100	49.2	19	29.5	18.1	M8x1					

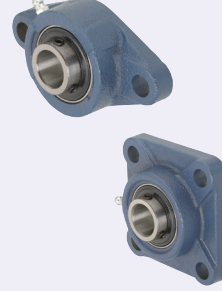
Ordering Example: **Part Number** CPDR20

kgf=Nx0.101972

# Ball Bearing Units (Economy)

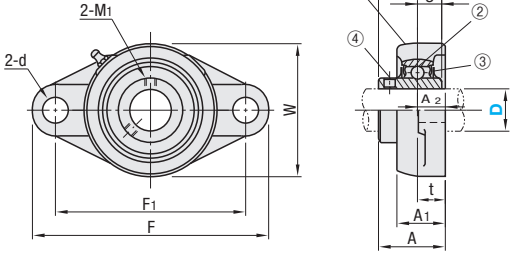
Cast Iron, Flanged

■ Features: Economical Ball Bearing Units made by major overseas manufacturers. Suitable for sizeable loads transfer.

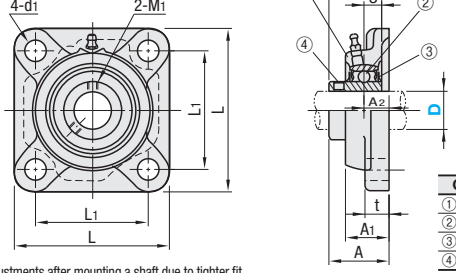


RoHS

**CHDH (Diamond Flanged)**



**CHDF (Square Flanged)**



Accuracy: JIS B 1558  
JIS B 1514  
JIS B 1559

Bearing Inner Diameter Tolerance is J7\*  
Operating Temperature: -15 ~ +100°C

\* J7 tolerance with standard tolerance shaft creates transition fit. Make adjustments after mounting a shaft due to tighter fit.

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

Part Number	Type	D	F	F1	W	L	L1	t	A	A1	A2	d	d1	B	S	Basic Load Rating (kN)		Set Screw		Mass (g)		Unit Price	
																Cr (Dynamic)	Cor (Static)	M1	Tightening Torque (N·cm)	Axial Load Capacity (N)	CHDH	CHDF	CHDH
CHDH CHDF	20	113	90	60	86	64	12	33.3	25.5	15	12	31	12.7	12.8	6.6	M6x1	490	6840	490	630			
	25	130	99	68	95	70	14	35.7	27	16	12	34	14.3	14.0	7.9				490	630	820		
	30	148	117	80	108	83	16	40.2	31	18	16	38.1	15.9	19.5	11.3				490	940	1100		
	35	161	130	90	117	92	16	44.4	34	19	16	14	42.9	17.5	25.7	15.3	M8x1	800	13500	1200	1500		
	40	175	144	100	130	102	16	51.2	36	21	16	49.2	19	29.5	18.1	800				1600	1900		

kgf=Nx0.101972

Ordering Example: **Part Number** CHDH25 CHDF35