

Mounted Bearing ▶ Ball bearings with narrow vertical housing/Square housing outer spherical surface Cast Type



Please order according to the diagram

①~④ Select the type and parameters in the order of for ordering

Model(①Code)

YBGV

②Specification

203

Model(③Code)

YBHV

④Specification

202



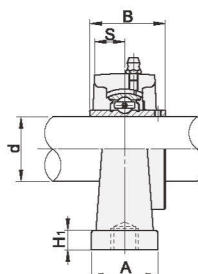
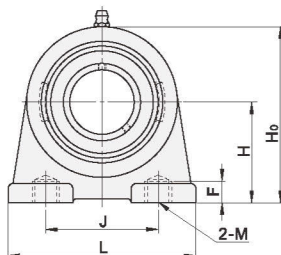
Discounted Price

Quantity 1~9 10~
Price 100% Separate Quotation

Prior Excluding Tax (%)



CAD 2D 3D



Code	Type	Material	
		Bearing Housing Material	Bearing

YBGV Standard type HT200 Gray Iron GCr15

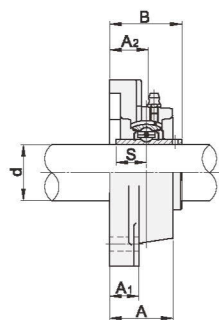
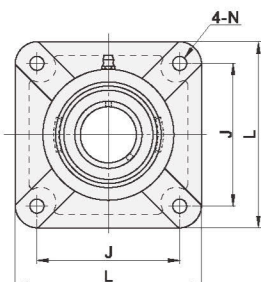
Accuracy: JIS B 1558
JIS B 1514
JIS B 1559
(GB/T 7809-1995)

Concave Spherical Surface Tolerance of Bearing Housing: Clearance Fit

Model		International Model	d	H	L	J	A	H ₀	H ₁	S	B	F	M	Installation Hole Size Tolerance	Deviation Installation Hole Position	Locking Screw	Maximum Tightening Torque (N.m)	Basic Rated Load(N)		Weight(g)
Code	Specification																	Dynamic Load Cr	Static Load Cor	
YBGV	203	—	17	30.2	70	48	36	57	10	11.5	27.4	9	M8×1.25	±0.5	0.6	M6	4.6	12800	6650	—
	204	UCPA204	20		76	52	40	62	11	12.7	31	13	M10×1.5					14000	7880	630
	205	UCPA205	25	36.5	84	56	38	72	12	14.3	34	15	M10×1.5					14000	7880	800
	206	UCPA206	30	42.9	94	66	48	84	13	15.9	38.1	18	M14×2					19500	11200	1200
	207	UCPA207	35	47.6	110	80		95		17.5	42.9	20	M14×2		25700	15200	1700			
	208	UCPA208	40	49.2	116	84	54	100	19	49.2	25	M16×2	29600		18200	2000				
	209	UCPA209	45	54.2	120	90	60	108		31850		20800	2200							
	210	UCPA210	50	57.2	130	94	60	116	14	51.6	M16×2	M10	16.8		35100	23200	2800			



CAD 2D 3D



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Concave Spherical Surface Tolerance of Bearing Housing: Clearance Fit

Model	International Model	d	L	J	A ₂	A ₁	A	B	N	S	Installation Hole Size Tolerance	Deviation Installation Hole Position	Locking Screw	Maximum Tightening Torque (N.m)	Basic Rated Load(N)		Weight(g)
Code	Specification														Dynamic Load Cr	Static Load Cor	
YBHV	202	UCF202S	15	76	54	15	11	24.5	30.9	11.5	±0.5	0.6	M6	4.6	12800	6650	590
	203	UCF203S	17	76	54												570
	204	UCF204	20	86	64												640
	205	UCF205	25	95	70												800
	206	UCF206	30	108	83	13	31	40.2	14	15.9	±0.5	0.8	M8	8.0	25700	15200	1070
	207	UCF207	35	117	92												1400
	208	UCF208	40	130	102												1800
	209	UCF209	45	137	105												2200
	210	UCF210	50	143	111	22	16	40	54.6	18	±0.5	0.8	M10	16.8	35100	23200	2400