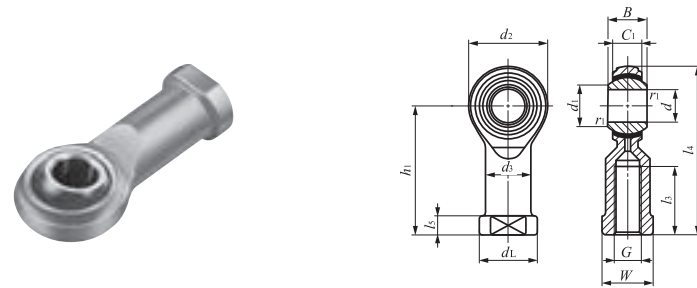


Maintenance-free Type PILLOBALL Rod Ends **With Female Thread**



PHS...EC

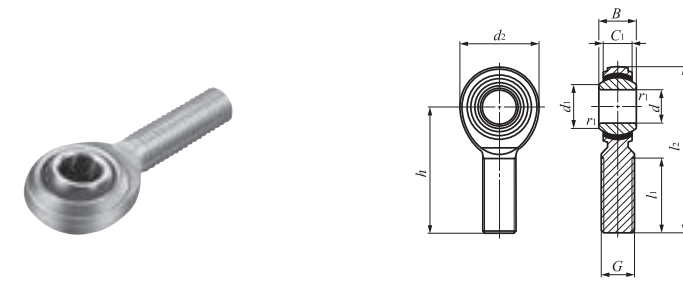
Identification number	Mass (Ref.) g	Boundary dimensions mm														Dynamic load capacity $C_d$ N	Static load capacity $C_s$ N	
		$d$	Thread $G$	$d_2$	$C_1$	$B$	$d_1$	$l_4$	$h_1$	$l_3$	$l_5$	$W$	$d_3$	$d_L$	$r_{1smin}^{(1)}$			Ball dia. mm (inch)
PHS 3EC	5.7	3	M 3×0.5	12	4.5	6	5.2	27	21	10	3	5.5	5	6.5	0.2	7.938 ( $\frac{5}{16}$ )	3 500	2 480
PHS 4EC	11.9	4	M 4×0.7	14	5.3	7	6.5	31	24	12	4	8	8	9.5	0.2	9.525 ( $\frac{3}{8}$ )	4 950	3 260
PHS 5EC	16.5	5	M 5×0.8	16	6	8	7.7	35	27	12.5	4	9	9	11	0.2	11.112 ( $\frac{7}{16}$ )	6 540	4 010
PHS 6EC	25	6	M 6×1	18	6.75	9	9	39	30	13.5	5	11	10	13	0.2	12.700 ( $\frac{1}{2}$ )	8 410	4 940
PHS 8EC	43	8	M 8×1.25	22	9	12	10.4	47	36	16	5	14	12.5	16	0.2	15.875 ( $\frac{5}{8}$ )	14 000	7 760
PHS 10EC	72	10	M10×1.5	26	10.5	14	12.9	56	43	19.5	6.5	17	15	19	0.2	19.050 ( $\frac{3}{4}$ )	19 600	10 500
PHS 12EC	107	12	M12×1.75	30	12	16	15.4	65	50	24	6.5	19	17.5	22	0.2	22.225 ( $\frac{7}{8}$ )	26 200	13 700
PHS 14EC	160	14	M14×2	34	13.5	19	16.9	74	57	27	8	22	20	25	0.2	25.400 (1)	33 600	17 200
PHS 16EC	210	16	M16×2	38	15	21	19.4	83	64	33	8	22	22	27	0.2	28.575 ( $1\frac{1}{8}$ )	42 000	21 100
PHS 18EC	295	18	M18×1.5	42	16.5	23	21.9	92	71	36	10	27	25	31	0.2	31.750 ( $1\frac{1}{4}$ )	51 400	25 100
PHS 20EC	380	20	M20×1.5	46	18	25	24.4	100	77	40	10	30	27.5	34	0.2	34.925 ( $1\frac{3}{8}$ )	61 600	30 000
PHS 22EC	490	22	M22×1.5	50	20	28	25.8	109	84	41	12	32	30	37	0.2	38.100 ( $1\frac{1}{2}$ )	74 700	36 400

Note(1) Minimum allowable value of chamfer dimension  $r_1$

Remarks1. Neither oil hole nor grease nipple is provided.

2. When a metric fine thread specification for inner ring bore diameter  $d$  of 8 mm to 14 mm is required, please contact IKO.

Maintenance-free Type PILLOBALL Rod Ends **With Male Thread**



POS...EC

Identification number	Mass (Ref.) g	Boundary dimensions mm														Dynamic load capacity $C_d$ N	Static load capacity $C_s$ N
		$d$	Thread $G$	$d_2$	$C_1$	$B$	$d_1$	$l_2$	$h$	$l_1$	$r_{1smin}^{(1)}$	Ball dia. mm (inch)					
POS 3EC	5.0	3	M 3×0.5	12	4.5	6	5.2	33	27	15	0.2	7.938 ( $\frac{5}{16}$ )	3 500	1 220			
POS 4EC	8.1	4	M 4×0.7	14	5.3	7	6.5	37	30	17	0.2	9.525 ( $\frac{3}{8}$ )	4 950	2 060			
POS 5EC	12.5	5	M 5×0.8	16	6	8	7.7	41	33	20	0.2	11.112 ( $\frac{7}{16}$ )	6 540	3 340			
POS 6EC	19	6	M 6×1	18	6.75	9	9	45	36	22	0.2	12.700 ( $\frac{1}{2}$ )	8 410	4 730			
POS 8EC	32	8	M 8×1.25	22	9	12	10.4	53	42	25	0.2	15.875 ( $\frac{5}{8}$ )	14 000	7 760			
POS 10EC	54	10	M10×1.5	26	10.5	14	12.9	61	48	29	0.2	19.050 ( $\frac{3}{4}$ )	19 600	10 500			
POS 12EC	85	12	M12×1.75	30	12	16	15.4	69	54	33	0.2	22.225 ( $\frac{7}{8}$ )	26 200	13 700			
POS 14EC	126	14	M14×2	34	13.5	19	16.9	77	60	36	0.2	25.400 (1)	33 600	17 200			
POS 16EC	185	16	M16×2	38	15	21	19.4	85	66	40	0.2	28.575 ( $1\frac{1}{8}$ )	42 000	21 100			
POS 18EC	260	18	M18×1.5	42	16.5	23	21.9	93	72	44	0.2	31.750 ( $1\frac{1}{4}$ )	51 400	25 100			
POS 20EC	340	20	M20×1.5	46	18	25	24.4	101	78	47	0.2	34.925 ( $1\frac{3}{8}$ )	61 600	30 000			
POS 22EC	435	22	M22×1.5	50	20	28	25.8	109	84	51	0.2	38.100 ( $1\frac{1}{2}$ )	74 700	36 400			

Note(1) Minimum allowable value of chamfer dimension  $r_1$

Remarks1. Neither oil hole nor grease nipple is provided.

2. When a metric fine thread specification for inner ring bore diameter  $d$  of 8 mm to 14 mm is required, please contact IKO.