

Rod ends with studs CF..Y, CF..YS

杆端关节轴承

☐ Maintenance required, inch dimensions

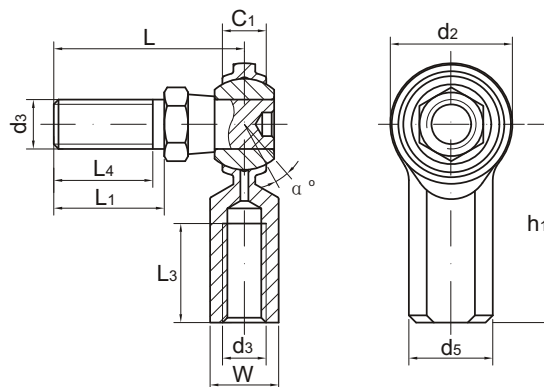
需润滑，英制尺寸

-Rod end CF with thread stud.

-Surface zinc plated.

-杆端关节轴承CF带有螺旋纹杆。

-表面镀锌。



Part No. 型号	Dimensions 尺寸mm											Load ratings 负荷KN	Weight 重量Kg
	C1	h1	d2	D5	w	L3 min	L	L1	L4	d3 3A/2B	α ≈		
CF 3Y*	5.94	26.97	15.88	10.31	7.92	12.70	25.40	12.70	11.10	10-32	25	9.247	0.023
CF 4Y	6.35	33.32	19.05	11.91	9.53	17.45	26.19	14.27	12.70	1/4-28	25	14.269	0.027
CF 5Y	7.92	34.93	22.23	12.70	11.10	17.45	30.96	17.45	15.06	5/16-24	25	17.009	0.050
CF 6Y	9.12	41.28	25.40	17.45	14.27	20.62	39.67	23.01	20.62	3/8-24	25	22.627	0.077
CF 7Y	10.31	46.02	28.58	19.05	15.88	23.80	44.45	26.97	23.80	7/16-20	25	28.400	0.122
CF 8Y	11.50	53.98	33.32	22.23	19.05	26.97	50.8	28.58	25.40	1/2-20	25	40.459	0.181
CF 10Y	12.29	63.50	38.10	25.40	22.23	34.93	63.5	38.10	34.93	5/8-18	25	43.203	0.308
CF 12Y	15.06	73.03	44.45	28.58	25.40	39.67	76.2	46.02	41.28	3/4-16	25	63.193	0.504

-For left-hand thread please add suffix"L", e.g. CFL 10Y.

-Lubricating hole or grease nipple isn't available for the sizes marked***

When grease nipple is required for other sizes, please use the sign CF..YS.

-Load ratings apply only to rod ends without grease nipple.

-若是左旋螺纹, 轴承型号需加“L”，例如：CFL10Y。

-带“*”的型号均不配油孔或油杯。其余若需配油杯，请用CF..YE的代号

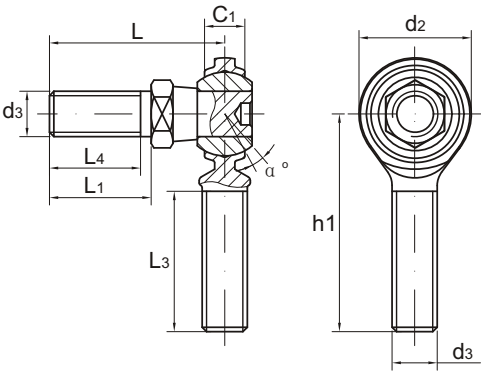
-带中负荷值仅使用不带油杯的情况。

Rod ends with studs CM..Y, CM..YS

杆端关节轴承

☐ Maintenance required, inch dimensions
需润滑，英制尺寸

- Rod end CM with thread stud.
- Surface zinc plated.
- 杆端关节轴承CM带有螺纹杆。
- 表面镀锌。



Part No. 型号	Dimensions 尺寸mm									Load ratings 负荷KN	Weight 重量Kg
	C1	h1	d2	L3 min	L	L1	L4	d3 3A	α °		
CM 3Y*	5.94	31.75	15.88	19.05	25.40	12.70	11.10	10-32	25	5.355	0.018
CM 4Y*	6.35	39.67	19.05	25.40	26.19	14.27	12.70	1/4-28	25	9.839	0.023
CM 5Y*	7.92	47.63	22.23	31.75	30.96	17.45	15.06	5/16-24	25	15.91	0.045
CM 6Y	9.12	49.23	25.40	31.75	39.67	23.01	20.62	3/8-24	25	22.542	0.068
CM 7Y	10.31	53.98	28.58	34.93	44.45	26.97	23.80	7/16-20	25	28.223	0.109
CM 8Y	11.50	61.93	33.32	38.10	50.80	25.58	25.40	1/2-20	25	37.087	0.159
CM 10Y	12.29	66.68	38.10	41.28	63.50	38.10	34.93	5/8-18	25	43.023	0.277
CM 12Y	15.06	73.03	44.45	44.45	76.20	46.02	41.28	3/4-16	25	63.193	0.467

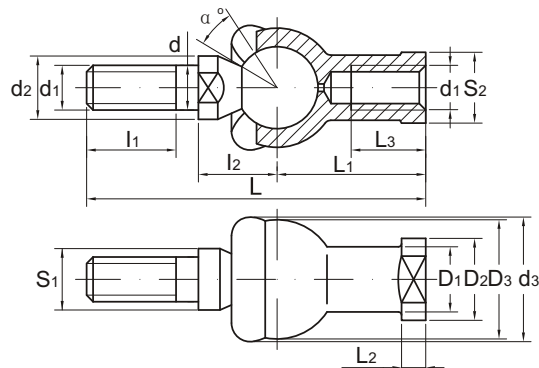
- For left-hand thread, please add suffix "L", e.g. CML10Y.
- Lubricating hole or grease nipple isn't available for the sizes marked "*".
- When grease nipple is required for other sizes, please use the sign CM..YS.
- Load ratings apply only to rod ends without grease nipple.
- 若是左旋螺纹, 轴承型号需加 "L", 例如: CML 10Y。
- 带 "*" 的型号均不配油孔或油杯, 其余若需配油杯, 请用CM..YS的代号。
- 带中负荷值仅使用不带油杯的情况。

Ball joints SQZ..RS

球头杆端关节轴承

☐ Straight joint

- Ball joint housing with right or left-hand thread.
- Ball joint housing made of zinc base alloy.
- With rubber dust seal.
- 球头座带有左旋或右旋的螺纹。
- 球头座由锌基合金制成。
- 带橡胶密封圈。



Part No. 型号	Dimensions 尺寸mm																Load ratings 负荷KN	Weight 重量Kg
	d	d ₁	d ₂	d ₃	l ₁	l ₂	S ₁	L	L ₁	L ₂	L ₃	D ₁	D ₂	D ₃	S ₂	α ≈		
SQZ 5 RS	5	M5×0.8	9	20	8	11	7	46	24	4	12	9	11	17	9	15	2.8	0.025
SQZ 6 RS	6	M6×1.0	10	20	11	12.2	8	55.2	28	5	15	10	13	20	11	15	3.7	0.041
SQZ 8 RS	8	M8×1.25	12	24	12	16	10	65	32	5	16	12.5	16	24	14	15	5.8	0.075
SQZ 10 RS	10	M10×1.5	14	30	21	19.5	11	80.5	35	6.5	18	15	19	28	17	15	8.4	0.12
SQZ 10 RS-1	10	M10×1.25	14	30	15	19.5	11	74.5	35	6.5	18	15	19	28	17	15	8.4	0.12
SQZ 12 RS	12	M12×1.75	17	32	24	21	15	91	40	6.5	20	17.5	22	32	19	15	11	0.18
SQZ 12 RS-1	12	M12×1.25	17	32	17	21	15	84	40	6.5	20	17.5	22	32	19	15	11	0.18
SQZ 14 RS	14	M14×2.0	19	38	28	23.5	17	109	45	8	25	20	25	36	22	11	15	0.27
SQZ 14 RS-1	14	M14×1.5	19	38	22	23.5	17	103	45	8	25	20	25	36	22	11	15	0.27
SQZ 16 RS	16	M16×2.0	22	44	29	25.5	19	118	50	8	27	22	27	40	22	11	15	0.36
SQZ 16 RS-1	16	M16×1.5	22	44	23	25.5	19	112	50	8	27	22	27	40	22	11	15	0.36
SQZ 18 RS	18	M18×1.5	23	45	25	31	20	130.5	58	10	32	25	31	45	27	11	19	0.54
SQZ 20 RS	20	M20×1.5	27	50	25	29	24	133	63	10	38	27.5	34	45	30	7.5	19	0.57
SQZ 22 RS	22	M22×1.5	27	52	26	33	24	145	70	12	43	30	37	50	32	7.5	23	0.76

-For left-hand thread of the ball joint housing, please add suffix "L", e.g. SQZL 5 RS.

-The type number of ball joints without seal is SQZ...

-球头座杆螺纹若是左旋，轴承型号须加“L”，例如：SQZL 5 RS.

-不带密封罩产品型号为SQZ..。

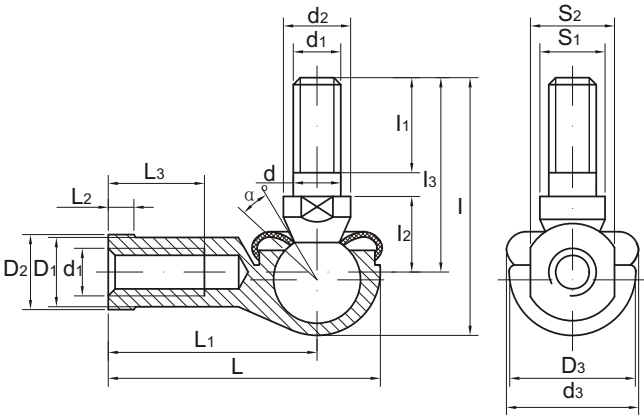
Ball joints SQ..RS

球头杆端关节轴承

□ Angle joint

- Ball joint housing with right or left-hand thread.
- Ball joint housing made of zinc base alloy.
- With rubber dust seal.

- 球头座带有左旋或右旋的螺纹。
- 球头座由锌基合金制成。
- 带橡胶密封圈。



Part No. 型号	Dimensions 尺寸mm																			Load ratings 负荷KN	Weight 重量Kg
	d	d ₁	d ₂	d ₃	l	l _{min}	l ₂	l ₃	S ₁	L	L ₁	L ₂	L _{3 min}	D ₁	D ₂	D ₃	S ₂	α ≈			
SQ 5 RS	5	M5×0.8	9	19	29	8	10	21	7	35	27	4	14	9	11	16	9	25	2.2	0.026	
SQ 6 RS	6	M6×1.0	10	20	35.5	11	11	26	8	40	30	5	14	10	13	19	11	25	3.5	0.039	
SQ 8 RS	8	M8×1.25	12	24	42.5	12	14	31	10	48	36	5	17	12.5	16	23	14	25	6.6	0.068	
SQ 10 RS	10	M10×1.5	14	30	56.5	21	17	43	11	57	43	6.5	21	15	19	27	17	25	10	0.112	
SQ 10 RS -1	10	M10×1.25	14	30	50.5	15	17	37	11	57	43	6.5	21	15	19	27	17	25	10	0.112	
SQ 12 RS	12	M12×1.75	17	32	64.5	24	19	49	15	66	50	6.5	25	17.5	22	31	19	25	16	0.164	
SQ 12 RS-1	12	M12×1.25	17	32	57.5	17	19	42	15	66	50	6.5	25	17.5	22	31	19	25	16	0.164	
SQ 14 RS	14	M14×2.0	19	38	79.5	28	21.5	62	17	75	57	8	26	20	25	35	22	25	19	0.254	
SQ 14 RS-1	14	M14×1.5	19	38	73.5	22	21.5	56	17	75	57	8	26	20	25	35	22	25	19	0.254	
SQ 16 RS	16	M16×2.0	22	44	85.5	29	23.5	66	19	84	64	8	32	22	27	39	22	20	26	0.336	
SQ 16 RS-1	16	M16×1.5	22	44	79.5	23	23.5	60	19	84	64	8	32	22	27	39	22	20	26	0.336	
SQ 18 RS	18	M18×1.5	23	45	90	25	26.5	68	20	93	71	10	34	25	31	44	27	20	33	0.464	
SQ 20 RS	20	M20×1.5	27	50	90	25	27	68	24	99	77	10	35	27.5	34	44	30	20	45	0.538	
SQ 22 RS	22	M22×1.5	27	52	95	26	28	70	24	109	84	12	41	30	37	50	32	16	48	0.713	

- For left-hand thread of the ball joint housing, please add suffix "L", e.g. SQL 5 RS.
- The type number of ball joints without seal is SQ...
- 球头座杆螺纹若是左旋, 轴承型号须加 “L”, 例如: SQL 5 RS。
- 不带密封罩产品型号为SQ..。

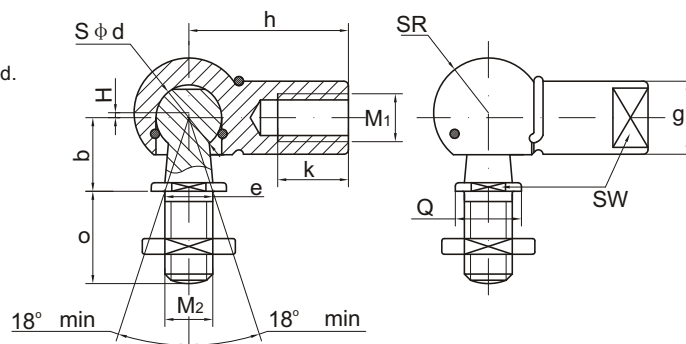
Ball joints SQP..S

球头杆端关节轴承

□ Angle joint, clip locking

- Ball joint housing in carbon steel, with right or left-hand thread.
- Surface zinc plated.
- Greased filled in the ball joint socket.

- 球头座体材料为碳钢，带有左旋或右旋的螺纹。
- 表面镀锌。
- 座体内腔填充油脂。



Part No. 型号	Dimensions 尺寸mm													Load ratings 负荷KN	Weight 重量Kg
	Q	M1 6H	M2 6g	b	c	d	e	g	h	H	k min	SW	SR		
SQP 5 S	8	M5×0.8	M5×0.8	9	10	8	5	8	22	0.7	10.2	7	6.4	15.2	0.014
SQP 6 S	10	M6×1.0	M6×1.0	11	12.5	10	6	10	25	0.7	11.5	8	7.4	25.2	0.024
SQP 8 S	13	M8×1.25	M8×1.25	13	16.5	13	8	13	30	1.16	14.0	11	9.65	53.1	0.053
SQP 10 S	16	M10×1.25	M10×1.25	16	20	16	10	16	35	1.16	15.5	13	12	103.8	0.097
SQP 12 S	16	M12×1.75	M12×1.75	16	20	16	12	16	35	1.16	15.5	13	12	103.8	0.097
SQP 14 S	22	M14×2.0	M14×2.0	20	27	19	14	22	45	1.5	21.5	17	15	220.9	0.218
SQP 14-1 S	22	M14×1.5	M14×1.5	20	27	19	14	22	45	1.5	21.5	17	15	220.9	0.218

- For left-hand thread, please add suffix "L", e.g. SQPL 14 S.
- 若是左旋螺纹，轴承型号需加“L”，例如：SQPL 14 S。

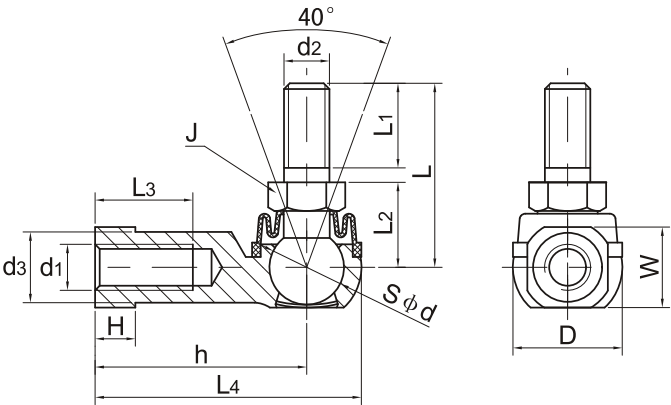
Ball joints BL..D/BD

球头杆端关节轴承

☐ Angle joint

- Ball joint housing with right or left-hand thread.
- Ball joint housing made of zinc base alloy.
- With rubber dust seal.

- 球头座带有左旋或右旋的螺纹。
- 球头座由锌基合金制成。
- 带橡胶密封圈



Part No. 型号	Dimensions 尺寸mm														Load ratings 负荷KN	Weight 重量Kg
	d1	d2	d3	L1 min	L	L2	L3 min	L4	h	H	W	D	J	Sφd		
BL 6 D	M6×1.0	M6×1.0	10	11	11	26	16	38	30	5	11	16	10	11.11	9.9	0.037
BL 8 D	M8×1.25	M8×1.25	13	12	14	31	19	45.5	36	6	14	19	12	12.7	12.5	0.066
BL10BD	M10×1.5	M10×1.5	14.5	21	17	43	23	55.5	43	7	17	23	14	15.88	18.3	0.11
BL10D	M10×1.25	M10×1.25	14.5	15	17	37	23	55.5	43	7	17	23	14	15.88	18.3	0.11
BL12BD	M12×1.75	M12×1.75	17.5	24	19	49	26	64.5	50	8	19	26	17	19.05	26.7	0.16
BL12D	M12×1.25	M12×1.25	17.5	17	19	42	26	64.5	50	8	19	26	17	19.05	26.7	0.16
BL16BD	M16×2	M16×2	22	29	23.5	66	34	83	64	11	24	34	22	22.23	36.4	0.33
BL16D	M16×1.5	M16×1.5	22	23	23.5	60	34	83	64	11	24	34	22	22.23	36.4	0.33

- For left-hand thread of the ball joint housing, please add suffix "L", e.g. BL 8DL.
- 球头座杆螺纹若是左旋,轴承型号须加"L", 例如: BL 8DL。