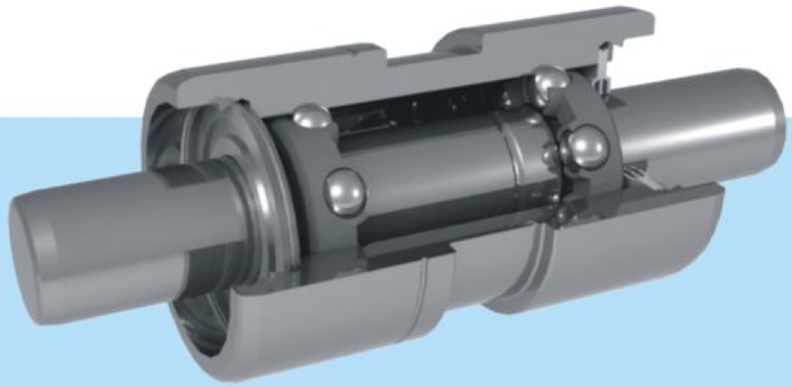
水泵轴连轴承



水泵轴连轴承

水泵轴连轴承

水泵轴连轴承主要用于各类汽车的冷却水泵上。由于作为汽车核心的发动机正朝大功率、大流量、高转速方向发展。对水泵轴连轴承提出了更高的性能要求。且具有较高的抗热性能、更大的承载能力、良好的旋转精度以及良好的密封性能等。C&U水泵轴连轴承，不但广泛用于汽车冷却水泵上，类似产品在纺织机械等方面也得到广泛的应用。

一、产品范围

WB	双列球水泵轴连轴承
WR	一列球一列滚子水泵轴连轴承
WB…C	双列球水泵轴连轴承（内部设计变更为角接触）
WR…C	一列球一列滚子水泵轴连轴承（内部设计变更为四点接触）

通常情况下WB、WR系列水泵轴连轴承能满足绝大部分情况下的使用要求，只有在较高要求情况下采用内部结构经特别设计的高刚性的WB...C、WR...C系列水泵轴连轴承。

二、代号方法

基本代号				后置代号
系列	轴径d	套径D	总长A	
WB	12	26	91	1、大写拉丁字母表示结构不同 2、数字表示同一基本尺寸的顺序号
WR	16	30	104	

三、材料及热处理

水泵轴连轴承的钢球及滚子通常均由高碳铬轴承钢制造，轴、外圈的材料采用渗碳钢或高碳铬轴承钢。采用渗碳轴承钢制造时，外圈滚道硬度为HRC60-64,轴的滚道硬度不低于HRC60，热处理质量符合ZB J36001的规定。采用高碳铬轴承钢制造时，外圈滚道硬度为HRC58～62，热处理质量符合JB/T 1255的规定。钢球及滚子的硬度为HRC61～65。

四、润滑与密封

水泵轴连轴承装配时，一次性填脂后不再更换。油脂质量好坏，直接影响轴承的性能和寿命。通常情况下，我集团采用高质量的进口专用油脂，这种脂有良好的耐水性，并且适用于较大的温度范围，但当使用温度高于120℃时应选用耐高温润滑脂。润滑脂的填入量应为轴承内部空间的30%～50%。由于水泵轴承使用环境潮湿有水，而漏脂或水进入轴承内部均会影响轴承的润滑，使油膜不能充分形成，甚至产生锈蚀，滚动表面疲劳剥落会提前出现，轴承寿命急剧下降，因此，C&U水泵轴连轴承采用径向接触式橡胶密封结构。C&U密封结构具有良好的抗浸水性和良好的抗漏脂性，一般情况下采用定腈橡胶密封圈，当使用要求较高时也可选用氟橡胶密封圈。

五、游隙

由于水泵轴承工作时承受偏置的、不平衡的载荷，芯轴易产生倾斜、振动，因此轴承安装后内部径向游隙过大直接影响轴承的性能和寿命。理论上，当径向游隙有轻微的负游隙时，轴承能达到最长的使用寿命。然而，获得这么理想的状况是很困难的，而过量的负游隙将极大的缩短轴承寿命。因此，轴承安装后应是零游隙或者小的正游隙。在选择水泵轴连轴承原始径向游隙时，除了要考虑由于外圈与轴承座孔的过盈配合而引起的游隙量减小外，还要考虑由于温升引起的有关部件的热胀而引起的游隙量的减小。水泵壳体有铝壳和铁壳两种，轴连轴承与壳体的配合一般取过盈配合。泵壳内孔公差推荐如下表1.C&U水泵轴连轴承在无特殊要求时，成套水泵轴连轴承的径向游隙一般为15～35μm（无载荷游隙值）。

表1

轴承外径 D(mm)	泵壳内径偏差(μm)	
	铁壳泵(iron)	铝壳泵(aluminum)
～24	-27～-48	-46～ -67
24～30	-33～-53	-56～ -77
30～52	-34～-59	-71～ -96

六、精度

水泵轴连轴承的尺寸公差应符合表2和表3，轴承配合表面和端面的粗糙度如表4.旋转精度即成套轴承的轴的径向圆跳动应不大于0.025mm。

表2　轴连轴承尺寸公差(μm)

	D(mm)		Δ_{Dmp}		V_{DP}	V_{Dmp}	Δ_{Cs}		V_{Cs}
外圈	超过	到	上偏差	下偏差	最大	最大	上偏差	下偏差	最大
	18	50	0	-13	16	10	0	-250	20

表3　轴连轴承尺寸公差(μm)

	d(mm)		Δ_{dmp}		V_{dP}	V_{dmp}	Δ_{Bs}	
轴	超过	到	上偏差	下偏差	最大	最大	上偏差	下偏差
	0	30	0	-13	9	9	+250	-250

表4　轴连轴承配合表面、端面粗糙度(μm)

部位	外径	端面	倒角
	Ra不大于		
外圈	0.63	1.25	5
轴	0.63	2.5	5

C&U

七、安装

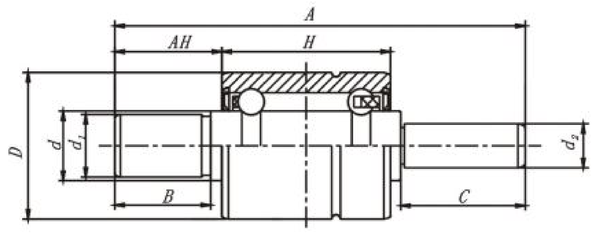
水泵轴承的安装需十分小心，因为一旦灰尘或碎屑进入轴承滚道时，将增大噪声和振动，甚至失效。所以安装前，不要拆除防尘防腐包装。

如果安装过程中，被安装部件带有偏心或在配合表面产生偏心，将产生不平衡载荷。偏心组件在旋转中将产生倾斜摆动，会形成回转力矩。所有带有偏心和回转载荷的组件在运动方向上都不是静止的，而是与轴一起转动。这种情况如果严重将改变滚道的加载模式，成为主轴滚道点加载，外圈滚道360° 圆周加载。而通常水泵轴承外圈滚道为点加载情况，主轴滚道为整个圆周加载。

在这种情况下，就会产生滚子边缘应力和单列球轨迹不对中，从而使保持架产生应力，润滑脂搅拌加强，工作温度升高同时由于每列滚动体上增加了当量载荷，这将缩短轴承疲劳寿命。另外，安装时应使用合适的工具，避免轴承受强烈作用于滚动体上。为了防止这种情况，必须使用仅和外圈表面接触的辅助工具，并且应使用机械压入。在装配时，注意水泵轴、叶轮和机械密封的中心与主轴中心的一致性。必须应用机械压力，同时轴的另外端面必须被支撑以防止产生传递力作用于球上。在所应用的温度范围内，壳体与轴承外圈的过盈配合功能必须保持。同时必须提供足够的支撑力防止沟道的变形。如果过盈配合太轻，轴承将滑出壳体，如果配合太重，会产生沟道变形。

C&U

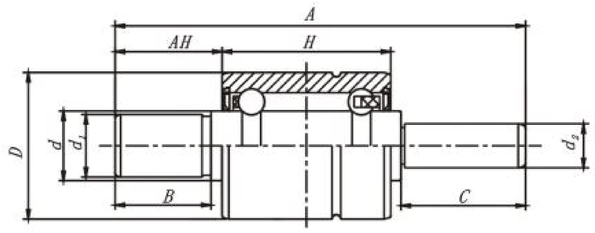




WB 1224、1226、1230系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
24	33.38	65.41	16	12.038	—	—	—	—	WB1224065
	33.38	78.83	17	12.038	—	—	—	—	WB1224079
	33.38	80	14.2	12.738	—	—	—	—	WB1224080
	33.38	83.57	16.39	12.738	—	—	—	—	WB1224081-1
	25	83	21	12	—	—	—	—	WB1224083
	33.38	82.73	16	12.038	—	—	—	—	WB1224083-1
	33.38	83.9	22.2	12.038	—	—	—	—	WB1224084
	27	85	21	12.038	—	—	—	—	WB1224085
26	39	86	12	12	—	—	—	—	WB1226086
	39	89.5	16.5	12	—	—	—	—	WB1226090
	39	90	14	12	—	—	—	—	WB1226090-1
	39	91	17	12	—	—	—	—	WB1226091
	39	93	16	12	—	—	—	—	WB1226093
	39	92.5	16.5	12	—	—	—	—	WB1226093-1
	39	94	21.5	12	—	—	—	—	WB1226094Y
	39	94.5	21.5	12	—	—	—	—	WB1226095
	39	97.5	17.5	12	—	—	—	—	WB1226098
	39	99	25	12	—	—	—	—	WB1226099
	39	102.5	21.5	12	—	—	—	—	WB1226102
	39	103.5	17.5	12	—	—	—	—	WB1226103
	39	103.5	21.5	12	—	—	—	—	WB1226103-1
	39	103.8	17.5	12	—	—	—	—	WB1226104
	39	104.4	—	12	—	—	—	—	WB1226105
	39	105.5	16.5	12	—	—	—	—	WB1226106
	39	113.5	17.5	12	—	—	—	—	WB1226114
	39	117	26	12	—	—	—	—	WB1226117
30	38.89	103.8	17.5	16	12	12	16	44.8	WB1230104-1
	38.89	105.65	16.25	15.918	12	12	14.5	48	WB1230106D

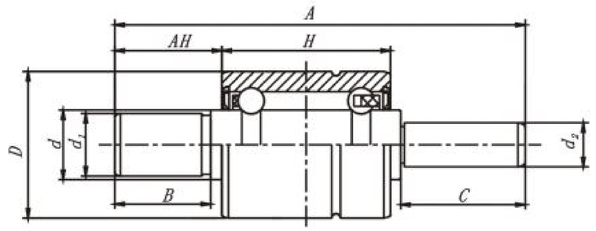




WB 1630系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
30	38.89	68.4	25	15.918	—	—	—	—	WB1630068
	38.89	68.66	27.8	15.918	—	—	—	—	WB1630069
	38.89	73	17	16	—	—	—	—	WB1630073
	38.89	73.91	11.4	15.918	—	—	—	—	WB1630074
	38.89	75.6	27.01	15.918	—	—	—	—	WB1630076
	23	77.8	15.5	15.918	—	12	—	37.3	WB1730078
	30	79.6	—	15.918	—	12	—	33	WB1630080-1
	27	80	15.9	15.918	—	—	—	—	WB1630080-4
	23	80.3	17.2	15.918	—	12	—	38.5	WB1630080-3
	30	80	18	16	12	12	17	31	WB1630080D
	38.89	80.95	22.48	15.918	—	—	—	—	WB1630081
	27	82.5	16.5	16	—	12	—	37	WB1630083
	30	83	18	16	—	12	—	33.8	WB1630083D
	25	83.1	16	15.918	—	—	—	—	WB1630083C
	30	84	17	15.918	—	12	—	33	WB1630084
	38.89	84.4	13	15.918	—	12	—	30	WB1630084-1
	27	84.4	17	15.918	—	—	—	—	WB1630085-2
	38.89	84.99	15.07	15.918	—	12.037	—	28	WB1630085D
	38.89	85.22	15.21	15.918	—	12.042	—	29.21	WB1630085-1
	30	86	16.5	15.918	—	12	—	37	WB1630086
	38.89	86	17	16	12	12	16	33	WB1630086D
	38.89	86.5	13.5	15.918	—	12.038	—	32.7	WB1630087C
	38.89	87.4	—	15.918	—	—	—	—	WB1630087-1
	38.89	86.5	—	15.918	—	12	—	32	WB1630087-4
	38.89	88	12.4	15.918	—	12	—	35.3	WB1630088-1
	30	87.5	13.5	15.918	—	12	—	37.5	WB1630088-2
	38.89	91	13.5	15.918	—	12	—	36	WB1630091C
	38.89	91.5	17.56	15.918	12	12	14.5	33	WB1630091D
	38.89	91.85	20.45	15.918	—	12.675	—	29.34	WB1630092-1

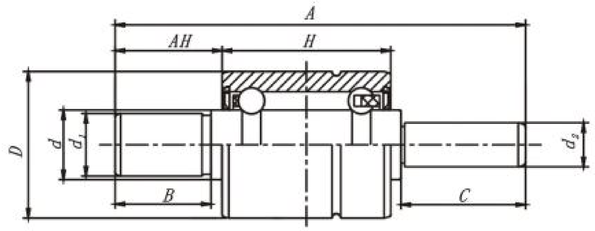




WB 1630系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
30	38.89	92	16.5	15.918	12	12	14.5	34.5	WB1630092D
	38.89	92	—	16	—	—	—	—	WB1630092-2
	38.89	92.48	25.12	15.918	—	12.037	—	26.06	WB16300992
	38.89	92.5	16.5	15.918	—	12	—	34.5	WB1630093D
	38.89	93	18.5	15.918	—	12	—	32.6	WB1630093-1
	38.89	93	18.5	15.918	—	—	—	—	WB1630093
	38.89	93.25	16.25	16	12	12	14.5	35.75	WB1630093
	38.89	94.5	35.11	15.918	—	—	—	—	WB1630094
	38.89	94.6	19.2	15.918	—	12	—	33.5	WB1630095
	38.89	96.5	17.87	15.918	—	12.052	—	35.45	WB1530096
	30	97	—	15.918	—	—	—	—	WB1630097
	38.89	97.51	23.49	15.918	—	—	—	—	WB1630098-1
	38.89	97.65	19.05	15.918	—	12.675	—	36.53	WB1630098-2
	38.89	97.82	17.88	15.918	—	—	—	—	WB1630098-3
	38.89	97.65	—	15.918	—	—	—	—	WB1630098-6
	38.89	98	17	15.918	—	—	—	—	WB1630098A
	38.89	98	20	15.918	—	—	—	—	WB1630098-4
	38.89	98	16.5	15.918	—	—	—	—	WB1630098W
	38.89	98	16	15.918	—	12	—	40.6	WB1630098C
	38.89	98	17.06	15.918	—	—	—	—	WB1630098CA
	38.89	98.04	18.51	15.918	—	12.235	—	38	WB1630098-5
	38.89	98.5	22.55	15.918	—	12	—	33.76	WB1630099
	38.89	98.5	16.5	15.918	12	12	—	40.5	WB1630099-1
	38.89	98.88	23.62	15.918	15	15	21.13	32.51	WB1630099-2
	38.89	98.5	16.25	16	12	12	14.5	50.25	WB1630099-3
	36.5	100	23.5	15.918	—	—	—	—	WB1530100
	38.89	100	24	15.918	—	12	—	35	WB1630100
	39	100	21	15.918	—	12	—	37.5	WB1630100-1
	38.89	101	24	15.918	14	12	20.5	35.1	WB1630101D

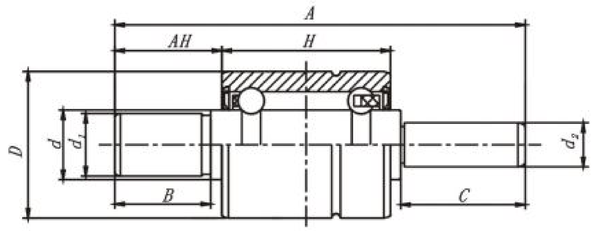




WB 1630系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
30	38.89	101	25	16	—	12	—	35	WB1630101
	38.89	101.24	29	15.918	12.007	12.687	25.4	31.01	WB1630101-1
	38.89	101.2	21.8	15.918	—	—	—	—	WB1630101-2
	38.89	101.5	17.5	15.938	—	—	—	—	WB1630102
	38.89	101.5	17.5	15.918	—	—	—	—	WB1630102-1
	38.89	102.01	16.92	15.918	—	—	—	—	WB1630102-3
	38.89	102.26	35	15.918	15	15	32.92	26.04	WB1630102-4
	38.89	102.5	22	15.918	—	12.675	—	38.5	WB1630102A
	38.89	102.62	24.45	15.918	—	12.674	—	38.1	WB1630102-5
	38.89	102.74	35.02	15.918	12.7	12.014	30.5	23.75	WB1630103-1
	38.89	102.74	28.77	15.918	12.014	12.7	25.5	32	WB1630103-2
	38.89	102.87	22.7	15.918	—	12.675	—	38.1	WB1630103-3
	38.89	102.87	23.11	15.918	—	—	—	—	WB1630103-4
	38.89	103	16.51	15.918	—	12	—	43	WB1630103D
	38.89	103.2	23.42	15.918	—	—	—	—	885140
	38.89	104	16.25	16	12	12	14.5	46.5	WB1630104
	38.89	103.5	21.56	15.918	—	12	—	39.75	WB1630104-2
	38.89	103.51	19.56	15.918	—	12	—	42	WB1630104-3
	39	103.65	21.5	15.92	—	12	—	36	WB1630104D
	38.89	103.84	22.33	15.918	—	—	—	—	WB1630104-4
	38.89	104	—	15.918	—	12	—	35.1	WB1630104-5
	38.89	103.5	21.58	15.918	12	12	18.26	39.75	WB1630104-6
	38.89	105.3	16.2	16	12	12	15	48	WB1630105
	38.89	104.65	20.3	15.918	—	—	—	—	WB1630105-1
	38.89	104.68	27.05	15.918	—	—	—	—	WB1630105-2
	38.89	105	47.16	15.918	—	—	—	—	WB1630105-3
	38.89	105.16	23.95	15.918	—	—	—	—	WB1630105-4
	38.89	105.46	20.63	15.918	—	—	—	—	WB1630105-5
	38.89	105	—	15.918	—	12	—	33.3	WB1630105-6

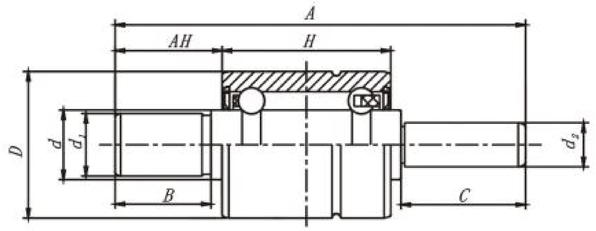




WB 1630系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
30	38.89	105.4	24.21	15.918	—	—	—	—	885159
	38.89	106.17	—	16	—	—	—	—	WB1630106
	38.89	106	26.11	16	—	—	—	—	WB1630106
	38.89	105.5	24.05	15.918	—	12	—	40	WB1630106-1
	38.89	105.5	16.5	15.918	12	12	13.1	46	WB1630106-2
	38.89	106	20.65	15.918	—	—	—	—	WB1630106-3
	38.89	106.17	25.15	15.918	—	—	—	—	WB1630106-4
	38.89	106.17	25.12	15.918	—	12.738	—	38.86	WB1630106-5
	38.89	106.12	18.5	15.918	—	12	—	41	WB1630106-6
	38.89	106.17	20.8	15.918	—	—	—	—	WB1630106-7
	38.9	105.5	23.5	15.918	—	12	—	40.5	WB1630106-8
	38.89	105.7	17.5	16	12	12	16	46.7	WB1630106D-9
	38.89	106	25	16	—	12	—	40	WB1630106D
	38.89	106	30	15.918	—	12	—	34	WB1630106W
	38.9	106	—	16	—	—	—	—	WB1630106G
	38.89	106.5	27.8	15.918	15.01	12.052	26.1	35	WB1630107
	38.89	108	21.5	15.918	—	12	—	44.5	WB1630108
	38.89	109	27.31	16	—	12	—	33.5	WB1630109
	38.89	108.74	27.38	15.918	—	—	—	—	WB1630109-1
	38.89	109.5	25.1	15.918	—	12.04	—	38.8	WB1630110
	38.89	109.52	14.67	15.918	—	—	—	—	WB1630110-1
	38.89	110	23.52	15.918	—	—	—	—	WB1630110-2
	38.89	110	24	15.918	—	12	—	46	8855245
	38.89	113.6	28.96	15.918	—	—	—	—	WB1630111
	38.89	111.51	23.8	15.918	—	—	—	—	WB1630112
	38.89	111.65	21.5	15.918	—	12	—	44	WB1630112D
	38.89	111.75	29.21	15.918	—	—	—	—	WB1630112-1
	38.89	111.91	26.7	15.918	—	—	—	—	WB1630112-2
	38.89	112	25.15	15.918	—	—	—	—	WB1630112-3

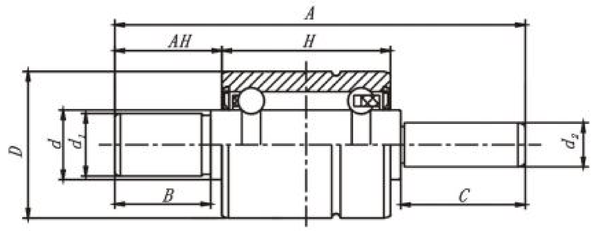




WB 1630系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
30	38.89	112	30	15.918	—	12	—	40.49	WB1630112-4
	38.9	112	27	15.918	—	—	—	—	WB1630112-5
	38.89	112.4	23.37	15.918	—	—	—	—	WB1630112-6
	38.89	112.52	31.26	15.918	—	—	—	—	WB1630113-1
	38.89	112.67	25.52	15.918	—	—	—	—	WB1630113-2
	38.89	112.78	30	15.918	—	—	—	—	WB1630113-3
	38.89	113.11	31.75	15.918	—	—	—	—	WB1630113-4
	38.89	113.21	32	15.918	—	—	—	—	WB1630113-5
	38.9	113.49	27.38	15.918	—	—	—	—	WB1630113-6
	38.89	113	18.5	15.918	—	12	—	53.6	WB1630113-7
	38.89	114	24	15.918	—	—	—	—	WB1630114
	38.89	113.67	31.6	15.918	—	—	—	—	WB1630114-1
	38.89	114.3	32	15.918	—	—	—	—	WB1630114-2
	38.89	113.6	17	15.918	12	12	15	55.6	WB1630114-3
	38.89	114	—	15.918	—	12	—	47.8	WB1630114-4
	38.89	114.54	29.4	15.918	—	12	—	42.5	WB1630115-1
	38.89	114.81	32	15.918	—	—	—	—	WB1630115-2
	38.89	115	26.11	16	—	—	—	—	WB1630115-4
	38.89	115	16.5	15.918	—	12	—	36	WB1630115-5
	38.89	115.51	27.8	15.918	—	—	—	—	885167
	38.89	116	26	15.918	—	12	—	46	WB1630116
	38.89	115.75	26.85	15.918	—	—	—	—	WB1630116-1
	38.89	116	30.06	15.918	—	12	—	43	WB1630116-2
	38.89	116	27.11	15.918	—	—	—	—	WB1630116C
	38.89	116.5	27.5	16	—	13	—	47	WB1630117
	38.89	117.35	33.96	15.918	—	—	—	—	WB1630117-1
	38.9	118.26	14.68	15.918	—	—	—	—	WB1630118
	38.89	119.46	32.54	15.918	—	—	—	—	WB1630119-1
	38.89	119.46	40.82	15.918	—	—	—	—	WB1630119-2

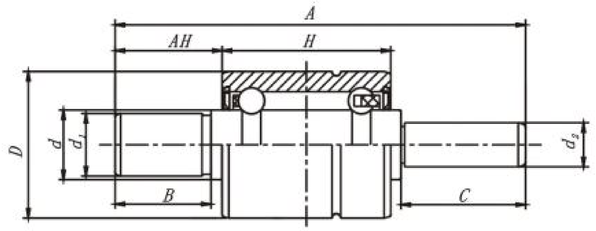




WB 1630系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
30	38.89	119	22.5	15.918	—	12	—	55	WB1630119-3
	38.89	119.07	37.31	15.918	—	—	—	—	885118
	38.89	119.3	37.6	15.918	—	—	—	—	WB1630119C
	38.89	120	31	15.918	—	—	—	—	WB1630120
	38.89	119.84	36.5	15.918	—	—	—	—	WB1630120-1
	38.89	120.9	29.46	15.918	—	—	—	—	WB1630121
	38.9	120.65	38.12	15.918	—	—	—	—	WB1630121-1
	39	121	24	15.918	—	12	—	53.6	WB1630121-2
	38.89	121.5	25	16	—	12	—	47.5	WB1630122D
	38.89	121.87	37.26	15.918	—	—	—	—	WB1630122
	38.89	121.62	31.42	15.918	—	—	—	—	WB1630122-1
	38.89	121.92	41.37	15.918	—	12.675	—	38.1	WB1630122-2
	38.89	122	26.5	15.918	—	—	—	—	WB1630122X
	38.89	122.12	32.96	15.918	—	12.703	—	44.7	WB1630122-3
	38.89	122.17	33.88	15.918	—	—	—	—	WB1630122-4
	38.89	122.22	28.67	15.918	—	—	—	—	WB1630122-5
	38.89	122.22	28.58	15.918	—	—	—	—	WB1630122-6
	38.89	122.22	40.18	15.918	—	—	—	—	885168
	38.89	122.4	33.5	15.918	—	—	—	—	WB1630122-7
	38.9	123.04	36.86	15.918	—	—	—	—	WB1630123
	39	123	—	15.918	—	—	—	—	WB1630123-1
	38.9	123	—	15.976	—	—	—	—	W6484-1
	38.89	124	21	15.918	—	—	—	—	WB1630124
	57.15	123.2	25.5	15.918	—	—	—	—	WB1630124-1
	38.89	124	42.61	15.918	—	12	—	40	WB1630124-2
	38.89	124	41.78	15.918	—	12	—	40.49	WB1630124-3
	38.89	124.4	40	15.918	—	—	—	—	WB1630124-4
	39	124	23	15.918	—	12	—	60.5	WB1630124-5
	38.89	123.67	31.75	15.918	—	—	—	—	WB1630124-6



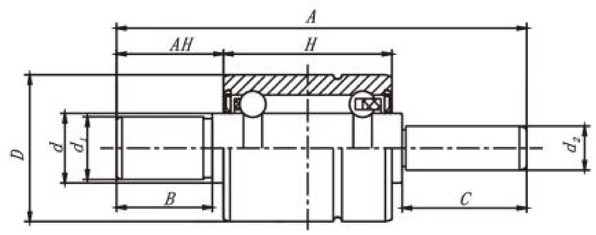


WB 1630系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
30	38.9	124.5	30.14	15.918	—	15.817	—	40.64	WB1630125
	38.89	124.97	39.12	15.918	—	—	—	—	WB1630125-1
	38.89	124.5	40	15.918	—	—	—	—	WB1630125-2
	38.89	126	34.3	15.918	—	—	—	—	WB1630126
	38.89	127	36	16	M12	—	19	—	WB1630127
	38.89	127	44.55	15.918	—	—	—	—	WB1630127-1
	38.89	127	37.94	15.918	—	12.7	—	35.56	WB1630127-2
	38.89	127	32.56	15.918	—	—	—	—	WB1630127-3
	38.89	127	27	15.918	—	12	—	59	WB1630127D
	38.89	127.7	22.41	15.918	—	—	—	—	WB1630128
	38.89	127.79	44.45	15.918	—	—	—	—	WB1630128-1
	38.89	127.79	25.8	15.918	—	—	—	—	WB1630128-2
	38.89	129	31.75	15.918	—	—	—	—	885169
	38.89	130	41	15.918	—	—	—	—	WB1630130
	38.89	132.16	50.42	15.918	—	—	—	—	WB1630132
	38.89	132.16	—	15.918	—	—	—	—	885104
	38.89	132.16	47.85	15.918	—	—	—	—	WB1630132-1
	38.89	132.54	40.87	15.918	—	—	—	—	WB1630133
	38.89	132.64	29.77	15.918	—	—	—	—	WB1630133-1
	38.89	132.64	29.77	15.938	—	—	—	—	WB1630133-2
	38.89	133.1	55.35	15.918	—	—	—	—	WB1630133-3
	38.89	133.25	38.86	15.918	—	—	—	—	WB1630133-4
	38.89	133.86	42.65	15.918	—	—	—	—	WB1630134
	38.89	134.92	33.15	15.918	—	—	—	—	WB1630135
	38.89	135.28	50.85	15.918	—	—	—	—	WB1630135-1
	38.89	135.28	45.59	15.918	—	—	—	—	WB1630135-2
	38.89	135.74	44.5	15.969	—	—	—	—	WB1630136
	38.89	135.74	52.4	15.918	—	—	—	—	WB1630136-1
	38.89	136.4	39.1	15.918	—	—	—	—	WB1630136-2

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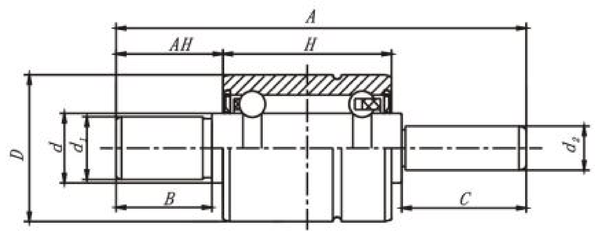




WB 1630、1635系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
30	38.89	137.49	40	15.918	—	—	—	—	**WB1630137**
	38.89	137.67	46.23	15.918	—	—	—	—	**WB1630138**
	38.89	138.1	40.89	15.918	—	—	—	—	**WB1630138-1**
	38.89	138.1	58.34	15.918	—	—	—	—	**WB1630138-2**
	38.89	138.1	45.7	15.918	—	—	—	—	**WB1630138-3**
	38.89	139.32	35.05	15.918	—	—	—	—	**WB1630139**
	38.89	141	49	15.918	—	—	—	—	**WB1630141**
	38.89	141.22	38.93	15.918	—	—	—	—	**WB1630141-1**
	38.89	150	35.1	15.918	—	—	—	—	**WB1630150-1**
	38.89	150	52	15.918	12	M10	50.5	48.5	**WB1630150**
	38.89	154	34.04	15.918	—	—	—	—	**WB1630154**
	38.89	154.23	29.77	15.918	—	—	—	—	**WB1630154-1**
	38.89	154.23	29.77	15.918	—	—	—	—	**WB1630154-2**
	38.89	155.58	69.95	15.918	—	—	—	—	**WB1630156**
	38.89	159.54	76.2	15.918	—	—	—	—	**WB1630160**
	38.89	159.77	62.66	15.918	—	—	—	—	**WB1630160-1**
	38.89	161.47	58.34	15.918	—	—	—	—	**WB1630161**
	38.89	165.85	63.48	15.918	—	—	—	—	**WB1630166**
	38.89	177.09	79.88	15.918	—	—	—	—	**WB1630167**
	22.5	73	14.5	16	—	12	—	34.2	**WB1635073**
	38.9	91	—	15.918	—	—	—	—	**WB1635091**
	38.89	101	—	—	—	12	—	35	**WB1635101**

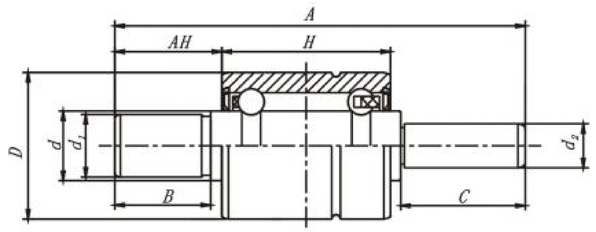




WB 1938系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
38.1	53.975	120.65	24.26	18.961	—	15.918	—	39.675	**WB1938121**
	53.975	95.4	14.7	18.948	15.926	—	11.3	—	**885802**
	41.275	120.65	—	18.961	—	15.918	—	43.26	**885825**
	53.975	125.73	30.861	18.961	15.918	15.918	27.432	37.338	**WB1938126**
	53.975	127	31.369	18.961	—	15.918	—	38.1	**WB1938127**
	53.975	127	26.67	18.961	15.938	15.918	11.634	44.45	**WB1938127-1**
	53.975	127.48	—	18.961	15.918	15.918	13.72	39.29	**885869**
	53.975	127.51	31.115	18.961	15.918	15.918	14.275	39.878	**WB1938127-2**
	53.975	132.08	29.845	18.961	15.918	15.918	12.319	43.18	**WB1938132**
	53.975	134.05	37.605	18.961	—	15.918	—	39.678	**WB1938134**
	53.975	134.112	30.353	18.961	—	15.918	—	47.244	**WB1938134-1**
	53.975	136.652	36.703	18.961	15.918	15.918	33.02	42.418	**WB1938136**
	53.975	136.398	36.195	18.961	15.918	15.918	12.219	43.434	**WB1938136-1**
	53.975	135.636	31.877	18.961	—	15.918	—	47.244	**WB1938136-2**
	53.975	136.779	40.366	18.961	15.918	15.918	14.275	39.873	**WB1938137**
	53.975	140.589	39.624	18.961	—	15.918	—	43.815	**WB1938140**
	53.975	139.7	35.56	18.961	15.918	15.918	15.392	47.752	**WB1938140-1**
	53.975	140	33.7	18.961	15.918	15.918	29	49.146	**WB1938140-2**
	53.975	141.76	—	18.961	—	15.918	—	51.59	**885815**
	53.975	141.757	43.84	18.961	—	15.918	—	41.021	**WB1938142**
	53.975	143.485	30.836	18.961	15.918	15.918	12.243	45.72	**WB1938143**
	53.975	143.256	35.305	18.961	—	15.918	—	49.2	**WB1938143-1**
	53.975	143.764	41.021	18.961	15.918	15.918	37.5	44.577	**WB1938144**
	53.975	145.796	44.704	18.961	—	15.918	—	44.45	**WB1938145**
	53.975	145.796	44.704	18.961	—	15.918	—	40.767	**WB1938145-1**
	53.975	146.05	36.322	18.961	15.918	15.918	13.716	51.562	**WB1938146**
	53.975	146.05	36.322	18.961	15.918	15.918	33.02	51.562	**WB1938146-1**
	53.975	148.84	—	18.961	15.918	15.918	34.92	49.66	**885790**
	53.975	150.52	35.052	18.961	—	15.918	—	58.318	**WB1938150**

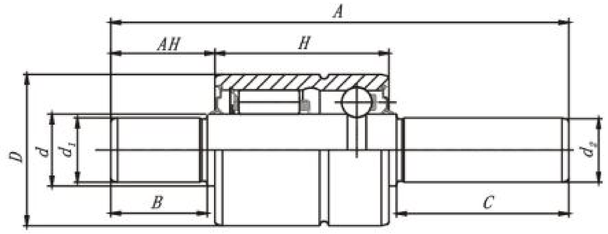




WB 1938、1940系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
38.1	41.275	152.4	35.66	18.961	15.918	15.918	15.265	60.528	**WB1938152**
	53.975	153.416	45.72	18.961	—	15.918	—	50.546	**WB1938153**
	53.975	152.908	53.694	18.961	15.918	15.918	28.448	41.783	**WB1938153-1**
	53.975	152.908	46.355	18.961	15.918	15.918	28.575	43.035	**WB1938153-2**
	53.975	154.229	29.769	18.961	15.918	15.918	8.89	57.15	**WB1938154**
	53.975	156.6	—	18.961	—	15.918	—	59.82	**885746**
	53.975	161	—	18.961	15.918	15.918	33.53	55.88	**885884**
40	46	113	23	19	17	15.939	42	20	**WB1940113**
	46	113	17	19	—	12	—	45.5	**WB1940113T**
	46	121.5	23	19	17	15.939	20	50.55	**WB1940122**
	46	123	23	19	15.918	15.918	21	52	**WB1940123**
	46	126	30.2	19	—	12	—	45	**WB1940126**
	46	137	23	18.961	—	12	—	63	**WB1940137**
	46	143	—	19	15.918	15.918	20	72	**WB1940143**
42	46	115.5	43	19	18	18	38.5	24	**WB1942115**



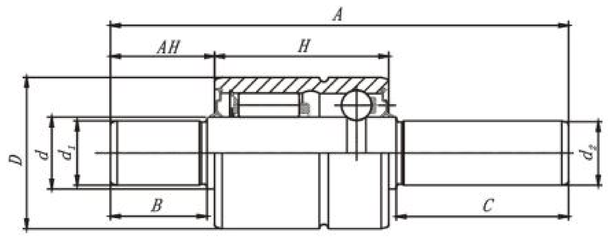


WR 1630系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
30	28	79	14	16	—	12	—	34.5	**WR1630079**
	28	82.7	17.7	16	—	12	—	34.5	**WR1630083**
	30	84	—	15.918	—	12	—	36.3	**WR1630084**
	30	85	17	15.918	—	12.038	—	36	**WR1630085**
	30	85	17	15.918	—	12	—	12.038	**WR1630085-1**
	38.8	86.5	13.5	15.918	—	12	—	32.7	**WR1630087C**
	38.8	86.5	13.5	15.918	—	12	—	32.7	**WR1630087C-2**
	38.89	91	—	15.918	—	12	—	36	**WR1630091**
	38.89	90.5	14.81	15.918	—	12	—	34.5	**WR1630091-2**
	38.89	92	—	16	—	—	—	—	**WR1630092**
	38.9	93	—	15.918	—	12	—	33	**WR1630093**
	38.9	93.6	—	15.918	—	12	—	38	**WR1630093-1**
	33.38	95	—	15.918	—	12	—	37	**WR1630095**
	30	95.5	16.5	15.918	—	12	—	46.5	**WR1630095-1**
	38.9	95.5	—	15.918	—	—	—	—	**WR1630096**
	38.9	95.8	—	15.918	—	12	—	38.5	**WR1630096-2**
	38.9	96.52	—	15.918	—	—	—	—	**WR1630096-3**
	38.9	98	17	15.918	—	—	—	—	**WR1630098**
	46	100	17	16	—	12	—	34	**WR1630100**
	38.9	101	—	15.918	—	—	—	—	**WR1630101**
	38.9	101.5	—	15.918	—	—	—	—	**WR1630102C**
	38.9	102.2	—	15.918	—	12	—	37.5	**WR1630102-2**
	38.89	101.5	—	15.918	—	12.038	—	41.65	**WR1630102-3**
	38.89	103.12	—	15.918	—	—	—	—	**WR1630103**
	38.89	103.12	27.94	15.918	—	—	—	—	**WR1630103-1**
	39	104.2	16.9	15.918	—	12	—	46.5	**WR1630105-1**
	38.8	104.5	16.5	15.918	—	12	—	48.2	**WR1630105C**
	38.9	106.2	—	15.918	—	12	—	41.4	**WR1630106**
	38.9	105.7	17.5	15.918	12	12	16	46.7	**WR1630106-1**

C&U

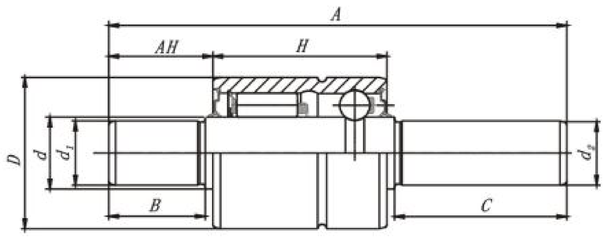




WR 1630、1635系列

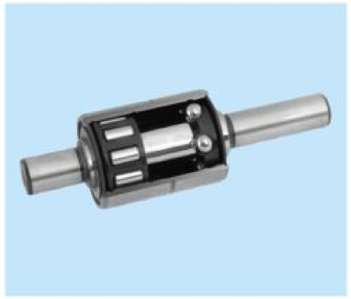
主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
30	38.89	106	30	15.918	—	—	—	—	**WR1630106-2**
	38.9	106.3	—	15.918	—	12	—	39.9	**WR1630106-3**
	38.89	107	21.5	15.918	—	12	—	43	**WR1630107**
	38.9	109.5	—	15.918	12.038	12.038	14	51.5	**WR1630110**
	38.89	110	—	15.918	—	—	—	—	**WR1630110-1**
	38.9	115.4	—	15.918	—	12	—	46.1	**WR1630115-1**
	38.89	116.6	—	15.918	—	—	—	—	**WR1630117**
	38.9	124	35	15.918	12	12	33	48	**WR1630124**
	38.9	132.7	—	15.918	—	—	—	—	**WR1630133**
	38.9	135.8	—	15.918	—	12	—	61.9	**WR1630136**
	38.89	139	23.11	15.918	—	—	—	—	**WR1630139**
	38.89	148	28.48	15.918	—	—	—	—	**WR1630148**
35	38.9	96	—	15.918	12.038	12.038	15	37	**WR1635096**
	39	101	25	17.5	15.918	12	23.5	33.8	**WR1635101**
	39	100.5	24	15.918	—	12	—	36	**WR1635101-2**
	39	101	—	15.918	—	12	—	34.8	**WR1635101A-1**
	39	106	42	17.5	15.918	12	28.5	34.8	**WR1635106**
	39	112	—	17.5	15.918	12	41.5	40.5	**WR1635112**
	56	122.6	—	18	—	12	—	35.2	**WR1835123**
	39	124	30	17.5	15.918	12	39.5	28.5	**WR1635124**

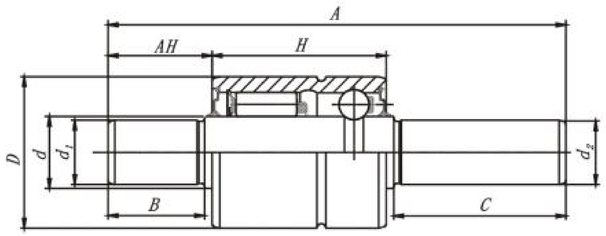




WR 1938系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
38.1	41.275	99	19.5	19	15.918	12	17.5	36	**WR1938099**
	37	101	—	19	15.918	12	23.2	36.8	**WR1938101**
	41.3	117.2	—	19	—	15.918	—	47.4	**WR1938117**
	54	117.2	—	19	—	15.918	—	43	**WR1938117-1**
	41.3	117.2	—	19	—	15.918	—	48	**WR1938117-2**
	54	120.7	—	19	—	15.918	—	38.4	**WR1938120**
	54	123	—	19	15.918	15.918	13.5	35.5	**WR1938123**
	54	125.3	—	19	—	15.918	—	40	**WR1938125**
	54	126	—	19	15.918	15.918	14	39	**WR1938126**
	54	126	—	19	15.918	12	26.5	37	**WR1938126-1**
	54	127.7	—	19	—	15.918	—	40	**WR1938128**
	54	128.6	—	19	—	15.918	—	54.5	**WR1938129**
	54	128.7	—	19	—	15.918	—	41.7	**WR1938129-1**
	54	129	—	19	—	15.918	—	42.1	**WR1938129-3**
	54	133	—	19	15.918	15.918	12	45	**WR1938133**
	54	134.2	22.4	19	—	15.918	—	49.7	**WR1938134**
	54	134	—	19	—	15.918	—	47.5	**WR1938134-1**
	54	135	—	19	—	15.918	—	41	**WR1938135**
	54	135	—	19	—	15.918	—	41.4	**WR1938135-1**
	54	135	—	19	—	15.918	—	56	**WR1938136-3**
	54	136.5	—	19	—	15.918	—	58.5	**WR1938136-4**
	54	139.2	—	19	—	15.918	—	46.5	**WR1938139**
	54	144.5	—	19	—	15.918	—	46	**WR1938145**
	54	150.5	—	19	15.918	15.918	14	49	**WR1938151**
	54	154.4	—	19	15.918	15.918	9.5	57	**WR1938154**
	54	155.1	—	19	—	15.918	—	59.7	**WR1938155**
	54	156.5	—	19	15.918	15.918	15	53	**WR1938157**
	54	158.1	—	19	15.918	15.918	14.3	57	**WR1938158**
	54	165.3	—	19	—	15.918	—	70.4	**WR1938165**
	54	166.5	—	19	—	15.918	—	64	**WR1938166**

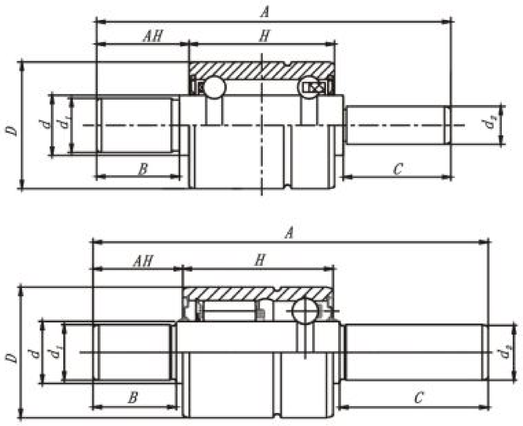




WR 20、22、25、32系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
40	42	105	—	20	—	15.918	—	40.5	WR2040105
	44	111.5	—	20	—	15.918	—	41	WR2040112
	50	151	—	20	—	16	—	44	WR2040151
42	46	115.5	—	20	—	13	—	38.5	WR2042115
	46	110.8	—	22	—	12	—	33.8	WR2242111
	56	138.5	—	22	—	15.918	—	52.5	WR2242136
47	62.5	165	—	22	—	17	—	55.5	WR2247165
52	52	133	—	25	—	15.92	—	50	WR2552133
	56	138	—	25	—	15.92	—	50	WR2552138
	56	138	—	25	—	15.92	—	50	WR2552138C
	56	138	—	25	—	15.92	—	50	WR2552138-4
	52	140	—	25	—	15.92	—	47	WR2552140-1
	56	143	—	25	—	15.92	—	50	WR2552143
	52	145	—	25	—	15.92	—	62	WR2552145-1
	56	150	—	25	—	15.92	—	57	WR2552150
	56	153	—	25	—	15.92	—	54.5	WR2552153
	70	155	—	25	—	15.92	—	50	WR2552155
	56	162	—	25	—	15.92	—	59	WR2552162
	56	163	—	25	—	15.92	—	50	WR2552163
	56	163	—	25	—	15.92	—	50	WR2552163-1
	56	164	—	25	—	15.92	—	64	WR2552164
	56	165	—	25	—	15.92	—	54.5	WR2552165
	56	208	—	25	M14	15.92	18	50	WR2552208
55	60	127	—	25	—	15.92	—	40.9	WR2555127A
	60	145	—	25	19	15.92	28.5	50	WR2555145
58	52	133	—	32	—	15.918	—	51	WR3258133
	52	140	—	32	—	15.918	—	51	WR3258140
	62.5	152	—	32	—	17	—	62	WR3258152
	70	155	—	32	—	15.918	—	51	WR3258155
52	78	165.5	—	25	—	15.918	—	50.5	WRR2552165





其它系列

主要尺寸 (mm)									轴承型号
D	H	A	AH	d	d_1	d_2	B	C	
30	38.89	85	13.06	15	—	12	—	28.5	WB1530085
	36	87.5	13.5	15	—	—	—	—	WB1530088
	23	75	14	17.208	—	12	—	35.2	WB1730075
	23	76	14.8	17.208	—	12	—	36	WB1730076
	30	78.65	12	17.2	—	12	—	—	WB1730079
	23	79.7	15.5	17.208	—	12	—	38.3	WB1730080.
	23	80.5	20.9	17.208	—	12	—	34.7	WB1730081
	23	83	15.5	17.208	—	12	—	41.6	WB1730083
36	38.89	90.7	14	17	—	15	—	34	WB1736091
	38.89	90.7	—	17	—	12	—	34	WB1736091-1
40	46	121	27.5	22	17	17	25.5	45.5	WB1740121
	46	136	26	19	17	17	24	62	WB1740136
30	14	69.9	20.4	17.8	12.4	12.7	19.2	33	WB1830070
35	46	119	26.5	18	—	13	—	42.2	WB1835119
42	46	109.8	27.7	22	15.915	12	10.5	35	WB2242110
	46	118	27.8	22	—	12	—	41.2	WB2242118
30	38.89	104.5	17.5	15.918	12	12	16	45.5	WR1230104
	38.89	105.65	16.25	15.918	12	12	14.5	48.15	WR1230106C
36	52	125.5	25.5	17.5	15	15	22.5	44.5	WR1536126
	52	131	33	17.5	15	12	30	44	WR1536131
35	46	121	27.5	18	17	17	25.5	45.5	WR1735121
	39	103.2	26.5	18	15.918	12	24.5	35.7	WR1835103
	46	138	30.5	18	—	17	—	57	WR1835138
42	32	83.4	15	22	—	12	—	34.4	WR2242083
	32	91.3	17	22	—	12	—	40	WR2242091
	56	138	28.5	22	15.918	15.918	25.7	49.1	WR2242138