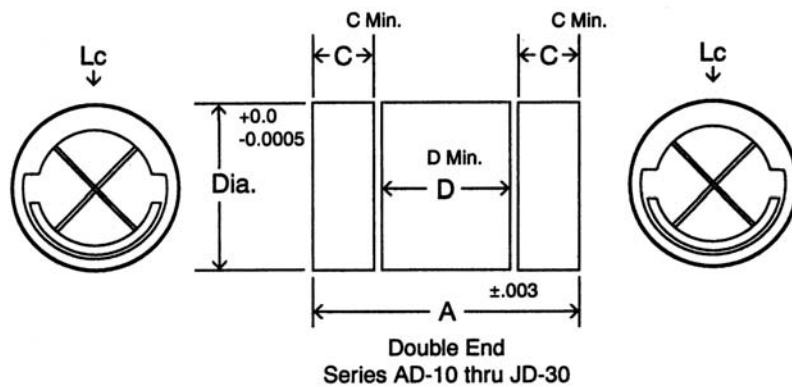


Pivot Bearings - double ended

Stainless steel



R4002



Material

Sleeves: 416 stainless steel
Spring + core: 410 + 420 Stainless steel.
Vaness brazed (alloy AMS 4765).

Technical Notes

See previous pages for full technical specification, also see graphs on following pages.

Series 10 - max. angular movement ±15°

Series 20 - max. angular movement ±7,5°

Series 30 - max. angular movement ±3,7°.

Operating temperature
-100°F to + 375°F

Stainless steel 416 is a hard, strong grade of stainless steel. It is magnetic and slightly less resistant to corrosion than standard 303 stainless steel. For corrosion resistance it is suited to dry atmosphere, fresh water and mild alkalis and acids.

For other angular requirements please consult our technical department.

Order No.	A	B	C (min.)	D (min.)	E (min.)	Torsional spring rate Nmm	Load Lc Kg	Load Lt Kg
R4002.AD-10	5,08	2,24	0,97	3,175	1,78	0,034	0,43	1,72
R4002.AD-20	5,08	2,24	0,97	3,175	1,78	0,20	4,03	5,76
R4002.AD-30	5,08	2,24	0,97	3,175	1,78	1,67	11,47	11,47
R4002.BD-10	6,35	2,90	1,27	3,967	2,54	0,045	0,64	2,54
R4002.BD-20	6,35	2,90	1,27	3,967	2,54	0,42	6,21	8,89
R4002.BD-30	6,35	2,90	1,27	3,967	2,54	3,35	17,82	17,82
R4002.CD-10	7,62	3,45	1,52	4,762	3,05	0,08	0,90	3,53
R4002.CD-20	7,62	3,45	1,52	4,762	3,05	0,67	8,84	12,65
R4002.CD-30	7,62	3,45	1,52	4,762	3,05	5,45	25,31	25,31
R4002.DD-10	10,16	4,67	2,11	6,350	4,19	0,20	1,63	6,44
R4002.DD-20	10,16	4,67	2,11	6,350	4,19	1,67	15,87	22,68
R4002.DD-30	10,16	4,67	2,11	6,350	4,19	13,39	45,36	45,36
R4002.ED-10	12,70	5,89	2,67	7,938	5,23	0,42	2,58	10,34
R4002.ED-20	12,70	5,89	2,67	7,938	5,23	3,345	24,95	35,65
R4002.ED-30	12,70	5,89	2,67	7,938	5,23	26,75	71,26	71,26
R4002.FD-10	15,24	7,09	3,25	9,525	6,48	0,73	3,81	15,24
R4002.FD-20	15,24	7,09	3,25	9,525	6,48	5,446	35,88	51,25
R4002.FD-30	15,24	7,09	3,25	9,525	6,48	45,22	102,51	102,51
R4002.GD-10	20,32	9,50	4,39	12,700	8,76	1,67	6,53	26,03
R4002.GD-20	20,32	9,50	4,39	12,700	8,76	13,39	63,50	90,72
R4002.GD-30	20,32	9,50	4,39	12,700	8,76	107,19	181,44	181,44
R4002.HD-10	25,40	11,91	5,33	15,875	10,92	3,345	10,43	41,73
R4002.HD-20	25,40	11,91	5,33	15,875	10,92	26,75	100,29	143,25
R4002.HD-30	25,40	11,91	5,33	15,875	10,92	214,0	286,45	286,45
R4002.ID-10	30,48	14,32	6,68	19,050	13,21	5,44	14,69	58,69
R4002.ID-20	30,48	14,32	6,68	19,050	13,21	45,22	143,88	205,52
R4002.ID-30	30,48	14,32	6,68	19,050	13,21	368,49	411,00	411,00
R4002.JD-10	40,64	19,40	9,22	25,400	18,29	13,39	26,85	107,32
R4002.JD-20	40,64	19,40	9,22	25,400	18,29	107,19	256,87	366,92
R4002.JD-30	40,64	19,40	9,22	25,400	18,29	881,65	733,00	733,00

linear and rotary motion components

Automation

ROTARY OTHER