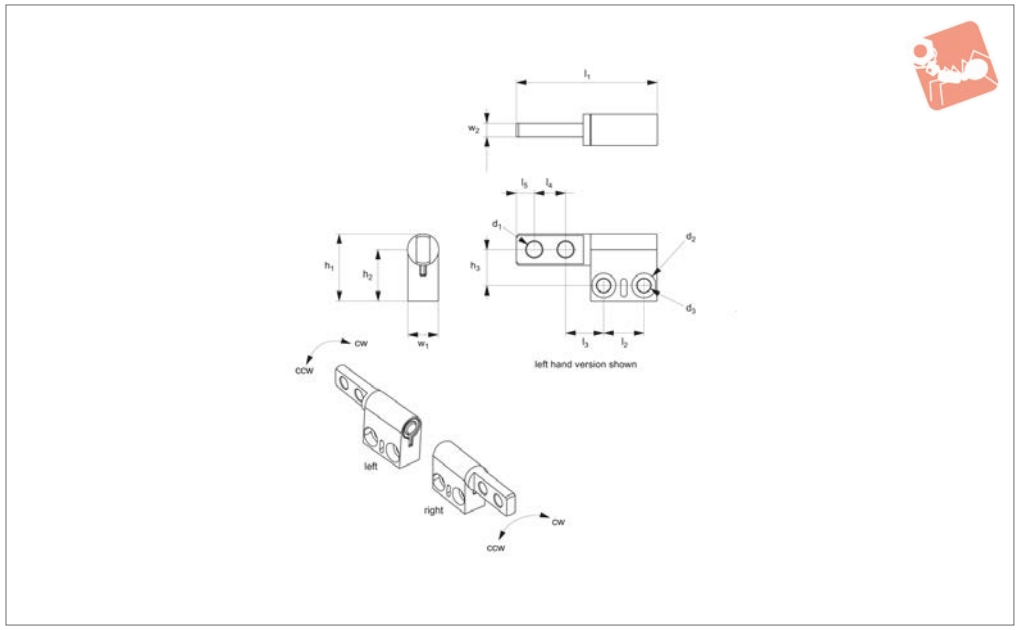


S3824

Material
Steel and zinc with natural finish.

Technical Notes
Tested to 25,000 cycles with static torque value remaining within +/- 20%.

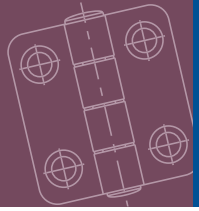
Tips
Also available as black oxide finish, on request and subject to min. quantity.

Important Notes
Symmetric hinges, offer same torque value in both clockwise and counterclockwise directions. Asymmetric hinges, offer different torque value in clockwise and counterclockwise directions - see data table.

CW= clockwise
CCW= counterclockwise

Order No.	Torque CW Nm	Torque CCW Nm	Shaft rotation	Hand	Torque type	d_1	d_2
S3824.AC0002	0.20	0.20	360°	Right	Symmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC0005	0.50	0.50	360°	Right	Symmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC0007	0.70	0.70	360°	Right	Symmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC0009	0.90	0.90	360°	Right	Symmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC0207	0.70	0.40	360°	Right	Asymmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC0209	0.90	0.55	360°	Right	Asymmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC0211	1.10	0.70	360°	Right	Asymmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC0307	0.40	0.70	360°	Right	Asymmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC0309	0.55	0.90	360°	Right	Asymmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC0311	0.70	1.10	360°	Right	Asymmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC1002	0.20	0.20	360°	Left	Symmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC1005	0.50	0.50	360°	Left	Symmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC1007	0.70	0.70	360°	Left	Symmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC1009	0.90	0.90	360°	Left	Symmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC1207	0.70	0.40	360°	Left	Asymmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC1209	0.90	0.55	360°	Left	Asymmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC1211	1.10	0.70	360°	Left	Asymmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC1307	0.40	0.70	360°	Left	Asymmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC1309	0.55	0.90	360°	Left	Asymmetric	3.5	Ø5,44x2,54 dpt.
S3824.AC1311	0.70	1.10	360°	Left	Asymmetric	3.5	Ø5,44x2,54 dpt.

Order No.	d_3	h_1	h_2	h_3	l_1	l_2	l_3	l_4	l_5	w_1	w_2
S3824.AC0002	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC0005	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC0007	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC0009	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC0207	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC0209	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC0211	3.05	15	12	8	32	9	9	7	4	7	3



Friction Hinges

symmetric - asymmetric torque - 0,5-1,1 Nm. -

Order No.	d_3	h_1	h_2	h_3	l_1	l_2	l_3	l_4	l_5	w_1	w_2
S3824.AC0307	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC0309	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC0311	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC1002	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC1005	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC1007	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC1009	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC1207	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC1209	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC1211	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC1307	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC1309	3.05	15	12	8	32	9	9	7	4	7	3
S3824.AC1311	3.05	15	12	8	32	9	9	7	4	7	3

Table of constant torque ranges

Part no.	Torque type	Shaft Rotation	Torque Nm
S3810	Symmetric	360°	0,05 to 3,80
S3820	Symmetric/ Asymmetric	360°	0,2 to 1,1
S3824	Symmetric/ Asymmetric	360°	0,2 to 1,1
S3830	Symmetric/ Asymmetric	270°	0,9 to 3,4
S3834	Symmetric/ Asymmetric	270°	0,9 to 3,4
S3840	Symmetric/ Asymmetric	270°	0,9 to 3,4
S3844	Symmetric/ Asymmetric	270°	0,9 to 4,5
S3850	Symmetric/ Asymmetric	270°	0,9 to 3,4
S3852	Symmetric/ Asymmetric	270°	0,9 to 3,4
S3854	Symmetric/ Asymmetric	270°	0,9 to 4,5
S3860	Symmetric	270°	3,5 to 7,0
S3870	Symmetric	90° and 360°	2,5 to 5,0

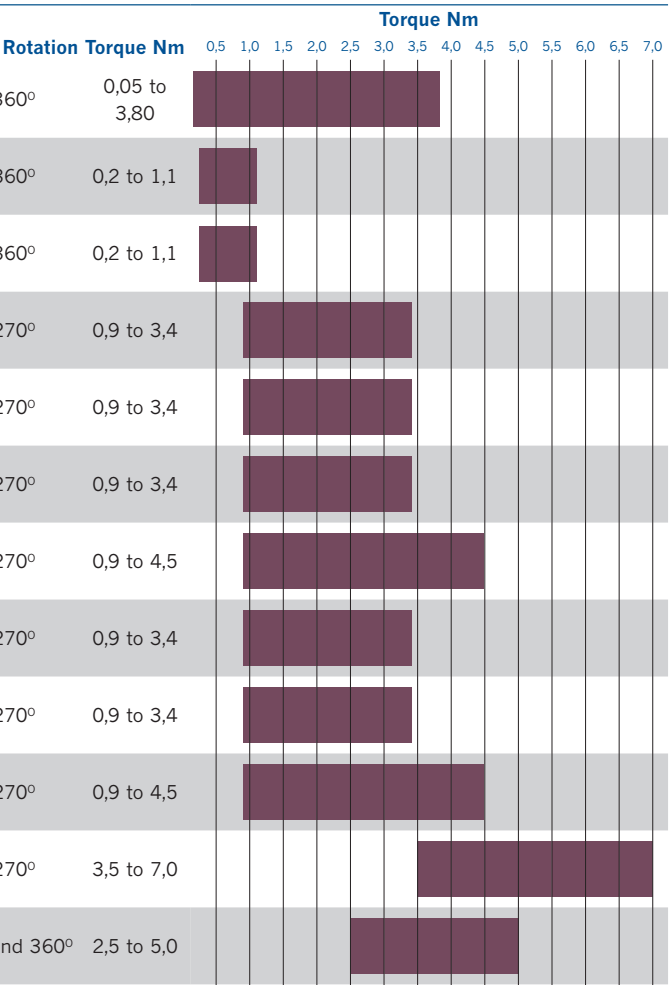
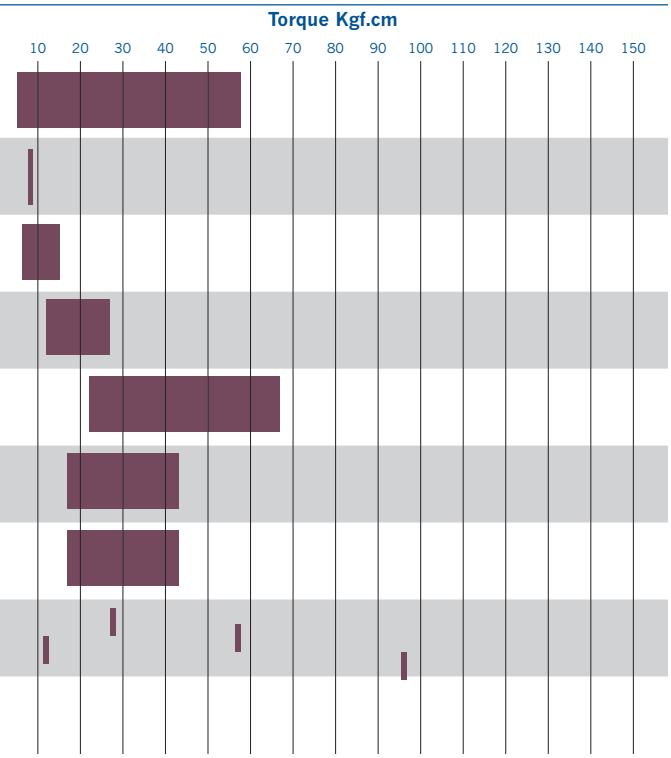


Table of constant torque ranges

Part no.	Torque Kgf.cm
S4000	5 - 57.5
S4002	8
S4006	3.5 - 15.3
S4010	15 - 30
S4016	25 - 70
S4020	20 - 45.8
S4022	20 - 45.8
S4030	Tilting: 30.5 Swivelling: 15
S4032	Tilting: 71.5 Swivelling: 30.5



Constant Torque Hinges S4000-S4032 Operating Principle

Wixroyd Constant Torque Hinges rely only on mechanical friction to achieve a stable torque. A range of different friction hinges are available to best suit your application.