Guide Wheel Load Capacity

DualVee Integral Wheels, Steel and Stainless Steel

Part Number	Radial Load (N)	Radial Load (lbf)	Axial Load (N)	Axial Load (lbf)	Weight in Grams C	Weight in Grams E
BWIC2M/BWIE2M	2650	596	625	141	45.0	45.0
BWIC3M/BWIE3M	5900	1326	1701	382	156.4	156.4
BWIC4M/BWIE4M	9700	2181	4001	900	302.0	302.0
SWIC0/SWIE0	650	146	123	28	9.1	8.8
SWIC1/SWIE1	1220	274	252	57	17.5	16.5
SWIC2/SWIE2	2650	596	625	141	54.3	53.5
SWIC3/SWIE3	5900	1326	1701	382	164.0	161.3
SWIC4/SWIE4	9700	2181	4001	900	330.4	327.4

DualVee Polymer Studded Wheels

Part Number	Radial Load (N)	Radial Load (lbf)	Axial Load (N)	Axial Load (lbf)	Weight in Grams C	Weight in Grams E
SWIC0P/SWIE0P	28	6	12	3	5.9	5.7
SWIC1P/SWIE1P	55	12	27.5	6	10.7	9.9
SWIC2P/SWIE2P	70	16	42	9	26.2	24.9

MadeWell™ Crown Rollers, Steel and Polymer

Part Number	Radial Load (N)	Radial Load (lbf)	Axial Load (N)	Axial Load (lbf)	Weight in Grams C	Weight in Grams E
CSWIC1/CSWIE1	1220	274	0	0	25.0	25.0
CSWIC2/CSWIE2	2650	596	0	0	65.0	65.0
CSWIC3/CSWIE3	5900	1326	0	0	190.0	190.0
CSWIC0P/CSWIE0P	28	6	0	0	6.2	6.0
CSWIC1P/CSWIE1P	55	12	0	0	11.2	10.2
CSWIC2P/CSWIE2P	70	16	0	0	27.5	26.2

Original DualVee Wheels, Steel and Stainless Steel (SS)

Part Number	Radial Load (N)	Radial Load (lbf)	Axial Load (N)	Axial Load (lbf)	Weight in Grams
W0	650	146	123	28	5.1
W1	1220	274	252	57	11.1
W2	2650	596	625	141	39.0
W3	5900	1326	1701	382	130.2
W4	9700	2181	4001	900	276.0
W0X	650	146	123	28	5.1
W1X	1220	274	252	57	11.1
W2X	2650	596	625	141	39.0
W3X	5900	1326	1701	382	132.0
W4X	9700	2181	4001	900	276.0
W4XXL	14300	3215	6552	1473	575.0
W1SSX	1220	274	252	57	11.1
W2SSX	2650	596	625	141	39.0
W3SSX	5900	1326	1701	382	130.2
W4SSX	9700	2181	4001	900	276.0
W4SSXXL	14300	3215	6552	1473	575.0
W0SS227	540	121	102	23	5.1
W1SS227	1013	228	209	47	11.1
W2SS227	2200	494	519	117	39.0
W3SS227	4897	1101	1412	317	130.2
W4SS227	8051	1810	3321	747	276.0

Notes

See page 23 for further discussion on load/life relationship.

© Bishop-Wisecarver Corporation 2010. All rights reserved www.bwc.com 888.580.8272