

PL – POLIMA – SWIVEL AND DIRECTIONAL LOCK SERIES



- Sealed precision bearings raceway provides best swivel mobility and keeps from hair, water and small debris.
- Strong nylon construction with choice of polyurethane or soft thermo rubber
- Wheel with seal precision ball bearings for best performance and durability
- Applications: medical equipment, utility carts, and fixture

Plate Code	Overall Size		Bolt Hole Pattern		Mounting Bolt Size
B6	2-1/2 X 3-5/8		1-3/4 X 2-13/16 TO 3-1/16		5/16
P5	2-5/8 X 3		1-5/8 X 1-31/32 TO 2 X 2-13/32		5/16
Stem Code	Size	Stem Type	Stem Code	Size	Stem Type
31	5/16-18 X 1	THREADED	53	7/16 X 7/8	GRIP RING
32	3/8-16 X 3/4		91	7/16 X 1-3/8	
67	1/2-13 X 1				
M2	M12 X 1	METRIC THREADED			
M6	M16 X 25/32				

Wheel Dia.	Tread Width	Wheel Type	Load Capacity	Overall Height	PL Series Swivel Part #	PL Series Directional Lock Part #	Swivel Radius
3	2-5/16	POLYURETHANE GRAY	165	4-1/8	PL03PUBSW	PL03PUBDL	2-5/16
4	2-39/64	POLYURETHANE GRAY	220	5-3/8	PL04PUBSW	PL04PUBDL	3-1/8
		THERMOPLASTIC TPR			PL04TPBSW	PL04PUBDL	
5	3	POLYURETHANE GRAY	246	6-3/8	PL05PUBSW	PL05PUBDL	4
		THERMOPLASTIC TPR			PL05TPBSW	PL05TPBDL	

37/38 – SPRING LOADED MEDIUM-HEAVY DUTY SERIES



37



Springs are encapsulated in a polyurethane block for protection

- Spring encapsulated in a polyurethane block, begins compression at 400 lb to total compression at 675 lb with a spring travel of 1/2"
- Large heat treated double raceways
- 3/4" kingpin bolt
- Zinc-plated finish

WHEEL DIAMETER, OVERALL HEIGHT AND SWIVEL RADIUS		
Wheel Diameter	Overall Height	Swivel Radius
5	7-1/2	4-1/2
6	8	5
8	10	6-11/16

FASTENING PATTERN			
Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
19	4-1/2 X 6-1/4	2-7/16 X 4-15/16 SLOTTED TO 3-3/8 X 5-1/4	1/2





DURABLE SUPERIOR CASTERS®

37/38 – SPRING LOADED MEDIUM-HEAVY DUTY SERIES

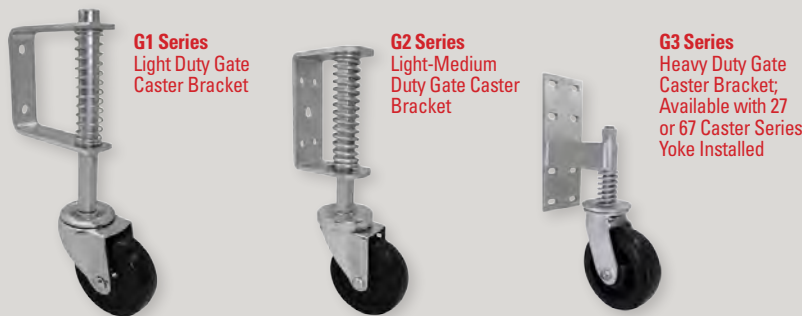
Wheel Diameter	Thread Width	Wheel Type	Available Bearing Options	+ Color	Replace + with a desired wheel color. Replace ## with desired wheel bearing.		Load Capacity	
					37 Series Swivel Caster Part #	38 Series Rigid Caster Part #		
5	2	YOKE ONLY				37Z250JZ8319YY	38Z250JZ8319YY	
		ENERGIZER™	04, 09, 60'			37EN50JB##19YY	38EN50JB##19YY	550
		NOMADIC™	04, 09, 48, 60, 57		B, I	37NM50J+##19YY	38NM50J+##19YY	500
		RUBBER ON NYLON	04, 09, 48, 60, 57			37NR50JB##19YY	38NR50JB##19YY	450
		RUBBER ON ALUMINUM	04, 09, 48, 60, 57			37RA50JB##19YY	38RA50JB##19YY	500
		MOLD-ON RUBBER	04, 09, 60, 48, 57			37RS50JB##19YY	38RS50JB##19YY	400
		CUSHENDURE™				37GR50JB1919YY	38GR50JB1919YY	400
		THERMO-PRO™	04, 09, 60, 48, 63, 57		A, I, T, X, Y, Z	37TP50J+##19YY	38TP50J+##19YY	350
		STEROLLIZER™				37SL50JCB819YY	38SL50JCB819YY	450
		POLYON MAXROK™	04, 09, 48, 60, 57		G, K	37MU50J+##19YY	38MU50J+##19YY	700
		POLYON AL™	04, 09, 48, 60, 57		N, R	37PA50J+##19YY	38PA50J+##19YY	700
		POLYON - C	04, 09, 48, 60, 57, 12			37PR50JL##19YY	38PR50JL##19YY	700
		DW-BLACK				37DW50JLT319YY	38DW50JLT319YY	550
		DW-RED				37DW50JRT319YY	38DW50JRT319YY	700
		DW-BLUE				37DW50JBT319YY	38DW50JBT319YY	700
		DW-GRAY				37DW50JGT319YY	38DW50JGT319YY	700
		POLY-PRO™	04, 09, 48, 60, 63, 57		B, C, D, K, U, M, W	37PP50J+##19YY	38PP50J+##19YY	600
						37PP50JP4919YY	38PP50JP4919YY	700
		POLYMADIC™	04, 09, 48, 60, 63, 57		I, M	37PP50JH6319YY	38PP50JH6319YY	
						37PM50J+##19YY	38PM50J+##19YY	700
		POLYON™	04, 09, 60, 48		G, V	37PU50JV6319YY	38PU50JV6319YY	700
						37PU50J+##19YY	38PU50J+##19YY	700
		ENERGY SAVER POLYON™	04, 09, 60, 48			37SW50JU##19YY	38SW50JU##19YY	700
		POLYFLEXON™ CAST	04, 09, 60, 48			37RP50JK##19YY	38RP50JK##19YY	700
		POLYFLEXON™			N, O	37UA50J+6319YY	38UA50J+6319YY	700
		ULTRAFLEX™				37UX50JO6419YY	38UX50JO6419YY	600
		DURALASTOMER™	09, 60, 57			37SU50JL##19YY	38SU50JL##19YY	700
		SUPER ELASTOMER				37EE50JI6019YY	38EE50JI6019YY	700
ERGOLASTOMER™	04, 09, 73, 64, 57			37HU50JI##19YY	38HU50JI##19YY	700		
6	2	YOKE ONLY				37Z260JZ8319YY	38Z260JZ8319YY	
		ENERGIZER™	04, 09, 60			37EN60JB##19YY	38EN60JB##19YY	600
		PNEUMATIC				37FP60JB6019YY	38FP60JB6019YY	200
		FOAM FILLED				37FF60JB6019YY	38FF60JB6019YY	200
		EVER-ROLL™			B, I	37ER60J+6019YY	38ER60J+6019YY	200
		NOMADIC™	04, 09, 48, 60, 57			37NM60JB##19YY	38NM60JB##19YY	600
		RUBBER ON NYLON	04, 09, 48, 60, 57			37NR60JB##19YY	38NR60JB##19YY	550
		DURA-CUSHION™	04, 09, 63		X, Z	37BC60J+##19YY	38BC60J+##19YY	350
		ECO-RUBBER	53, P3			37SN60JC##19YY	38SN60JC##19YY	350
		RUBBER ON ALUMINUM	04, 09, 48, 60, 57			37RA60JB##19YY	38RA60JB##19YY	550
		LOW PROFILE RUBBER				37LP60JB0319YY	38LP60JB0319YY	600
		MOLD-ON RUBBER	04, 09, 48, 60, 57			37RS60JB##19YY	38RS60JB##19YY	550
		SUPREME RUBBER	63, 73			37RH60JS##19YY	38RH60JS##19YY	700
		THERMO-PRO™	04, 09, 60, 63, 48, 57		A, I, T, X, Y, Z	37TP60J+##19YY	38TP60J+##19YY	500
		POLY MAXROK™	04, 09, 60, 48, 57		G, K	37MU60J+##19YY	38MU60J+##19YY	700
		POLYON AL™	04, 09, 48, 60, 57		N, R	37PA60J+##19YY	38PA60J+##19YY	700
		POLYON-C	04, 09, 48, 60, 57, 12			37PR60JL##19YY	38PR60JL##19YY	700
		DW-BLACK				37DW60JLT319YY	38DW60JLT319YY	700
		DW-RED				37DW60JRT319YY	38DW60JRT319YY	700
		DW-BLUE				37DW60JBT319YY	38DW60JBT319YY	700
		DW-GRAY				37DW60JGT319YY	38DW60JGT319YY	700
		POLY-PRO™	04, 09, 48, 60, 57		D, I, K, M, W, U	37PP60J+##19YY	38PP60J+##19YY	700
						37PP60JP4919YY	38PP60JP4919YY	700
		POLYMADIC™	04, 09, 48, 60, 63, 57		I, M	37PP60JH6319YY	38PP60JH6319YY	
						37PM60J+##19YY	38PM60J+##19YY	700
		POLYON™	04, 09, 60		G, V	37PU60JV6319YY	38PU60JV6319YY	700
						37PU60J+##19YY	38PU60J+##19YY	700
		ENERGY SAVER POLYON™	04, 09, 63, 73			37SW60JU##19YY	38SW60JU##19YY	700
POLYFLEXON™ CAST	04, 09, 60, 48, 57			37RP60JK##19YY	38RP60JK##19YY	700		
POLYFLEXON™			N, O	37UA60J+6319YY	38UA60J+6319YY	700		
ULTRAFLEX™				37UX60JO6419YY	38UX60JO6419YY	700		
CHAMPION				37CP60JN6319YY	38CP60JN6319YY	700		
DURALASTOMER™	09, 60, 57			37SU60JL##19YY	38SU60JL##19YY	700		
SUPER ELASTOMER				37EE60JI6019YY	38EE60JI6019YY	700		
ERGOLASTOMER™	04, 09, 73, 64, 57			37HU60JI##19YY	38HU60JI##19YY	700		
8	2	YOKE ONLY				37Z280JZ8319YY	38Z280JZ8319YY	
		ENERGIZER™	04, 09, 60			37EN80JB##19YY	38EN80JB##19YY	600
		NOMADIC™	04, 09, 48, 60, 57			37NM80JB##19YY	38NM80JB##19YY	700
		RUBBER ON NYLON	04, 09, 48, 60, 57			37NR80JB##19YY	38NR80JB##19YY	600
		DURA-CUSHION™	04, 09, 63		X, Z	37BC80J+##19YY	38BC80J+##19YY	450
		ECO-RUBBER	53, P3			37SN80UC##19YY	38SN80UC##19YY	450

37/38 – SPRING LOADED MEDIUM-HEAVY DUTY SERIES

Wheel Diameter	Thread Width	Wheel Type	Available Bearing Options	+ Color	Replace + with a desired wheel color. Replace ## with desired wheel bearing.		Load Capacity
					37 Series Swivel Caster Part #	38 Series Rigid Caster Part #	
8	2	RUBBER ON ALUMINUM	04, 09, 48, 60, 57		37RA80JB##19YY	38RA80JB##19YY	600
		MOLD-ON RUBBER	04, 09, 48, 60, 57		37RS80JB##19YY	38RS80JB##19YY	600
		SUPREME RUBBER	63, 73		37RH80JS##19YY	38RH80JS##19YY	700
		THERMO-PRO™	04, 09, 60, 63, 48, 57	A, I, T, X, Y, Z	37TP80J+##19YY	38TP80J+##19YY	700
		POLY MAXROK™	04, 09, 60, 48, 57	G, K	37MU80J+##19YY	38MU80J+##19YY	700
		POLYON AL™	04, 09, 48, 60, 57	N, R	37PA80J+##19YY	38PA80J+##19YY	700
		POLYON-C	04, 09, 48, 60, 57, 12		37PR80JL##19YY	38PR80JL##19YY	700
		DW-BLACK			37DW80JLT319YY	38DW80JLT319YY	700
		DW-RED			37DW80JRT319YY	38DW80JRT319YY	700
		DW-BLUE			37DW80JBT319YY	38DW80JBT319YY	700
		DW-GRAY			37DW80JGT319YY	38DW80JGT319YY	700
		POLY-PRO™	04, 09, 48, 60, 57	D, I, K, M, W, U	37PP80J+##19YY	38PP80J+##19YY	700
					37PP80JP4919YY	38PP80JP4919YY	700
					37PP80JH6319YY	38PP80JH6319YY	700
		POLYMAC™	04, 09, 48, 60, 63, 57	I, M	37PM80J+##19YY	38PM80J+##19YY	700
		POLYON™			37PU80JV6319YY	38PU80JV6319YY	700
			04, 09, 60	G, V	37PU80J+##19YY	38PU80J+##19YY	700
		ENERGY SAVER POLYON™	04, 09, 63, 73		37SW80JU##19YY	38SW80JU##19YY	700
		POLYFLEX™ CAST	04, 09, 60, 48, 57		37RP80JK##19YY	38RP80JK##19YY	700
		POLYFLEX™		N, O	37UA80J+6319YY	38UA80J+6319YY	700
ULTRAFLEX™			37UX80JO6419YY	38UX80JO6419YY	700		
CHAMPION			37CP80JN6319YY	38CP80JN6319YY	700		
DURALASTOMER™	09, 60, 57		37SU80JL##19YY	38SU80JL##19YY	700		
SUPER ELASTOMER			37EE80JI6019YY	38EE80JI6019YY	700		
ERGOLASTOMER™	04, 09, 73, 64, 57		37HU80JI##19YY	38HU80JI##19YY	700		

*Springs must be replaced on a regular base depends on application. Spring life is not under warranty.

G1, G2, G3 – SPRING LOADED GATE SERIES



- Shock absorbing ride over uneven ground
- G1 – light duty, fits 7/16" grip ring stem casters
- G2 – medium duty, available for threaded stem and grip ring stem casters
- G3 – heavy duty

Series	Recommended Caster Series	Caster Fastening	Stem Spec.	Bracket with Spring Only	Bracket with Caster Yoke Only	Rotating Spacing	Spring Deflection		Mounting Plate Specification		
							Range (lb)	Movement	Overall Size	Bolt Size	Bolt Hole Pattern/s
G1	CASTER SERIES: #08, #09, 4" & UNDER, #21, 3-1/2" & UNDER	53, 90, 91, 97	7/16" DIA. GRIP RING	G1GRZZ		3-1/4	75 TO 100	1"	1" X 3-7/16"	5/16"	2 BOLTS, 2-1/8" APART
G2*	CASTER SERIES: #09, #21	53, 90, 91, 97, 59, 66, 67, 68, 69,	1/2"-13	G2GRZZ G2TSZZ		2-3/8	100 TO 125	1"	2" X 5-3/8"	5/16"	4 BOLTS 15/16" X 3"
G3**	CASTER SERIES: #27 6" DIA. WHEEL	37	3/4-10 X 5.5	G334ZZ	G327ZZ60JZ8337YY	5-1/4	180 TO 700	1	4" X 11"	7/16"	1-7/8" X 2-9/16" & 4-3/8" & 9-1/2"
	CASTER SERIES: #27 & #67 8" DIA. WHEEL			G380ZZ	G327ZZ80JZ8337YY	6-1/2					

* G2 Series: recommended for use on gate with a space between the ground to bottom of the gate of 6" or more.

** G3 Series: recommended for heavy duty gate, use 6" caster when space between ground to gate is 7-1/2" to 9-1/2", when space is over 9-1/2" use 8" caster.

Any caster with the appropriate stem fastening may be inserted into the G1 & G2 Series Bracket as long as the casters swivel radius is less than the stated "Rotating Spacing" (*Please note: any caster with a swivel radius larger than the "Rotating Spacing" will not be able to swivel a full 360° and will hit the gate or door the bracket assembly is attached to; and will not operate correctly).