

# PT KEYWAY SERIES - Polyurethane-on-Cast-Iron Wheels

Wheel Type: "Revvothane" (Vulkollan®) Polyurethane Tire on Cast-Iron Center  
 Standard Finish: Tan Tire on Clear Resin Shellac Painted Center  
 Temperature Range: -22°F to 176°F  
 Durometer: 92° - 97° Shore A

Please consult factory if wheels are to be subjected to high humidity, speeds in excess of 10 mph, exposure to chemicals, steering, or running on a curved surface.

Load capacities shown are for operation under ideal conditions (e.g. infrequent use on a smooth surface without axial loading). Ratings must be reduced based on the following conditions:

**Wheel Characteristics:**

- A range of Vulkollan polyurethane-tired wheels based on the PT Series (see pages 44-45) that provide the design engineer with specific boundary dimensions into which bearings, bores or key ways can be incorporated as required.
- 3" & 4" diameter wheels do not have a grease nipple fitted - when precision ball bearings are required they are supplied pre-lubricated, double-shielded unless otherwise specified.

45 minutes or more of continuous operation	25%
Driving applications	30%
Speeds 3.5 mph to 6 mph	20%
Speeds 6 mph to 10 mph	30%

(Reductions are cumulative if more than one of the conditions exists.)



A = Wheel Diameter    B = Tread Width    C = Hub Length    D = Bore

PT DESIGNER SERIES							
A	B	C	D	Hub Diameter	Load Capacity	Wheel Weight	Wheel Part #
3"	1-1/8"	1-3/8"	12mm	15/16"	175	1.00	075 KIAA
4"	1-9/16"	1-3/4"	12mm	2-1/4"	550	1.03	100 KICA
4"	1-9/16"	1-3/4"	20mm	2-1/4"	550	1.16	100 KICB
4"	1-9/16"	1-3/4"	25mm	2-1/4"	550	1.94	100 KICC
4"	1-9/16"	1-3/4"	30mm	2-1/4"	550	3.92	100 KICD
4"	1-9/16"	1-3/4"	35mm	2-1/4"	550	3.81	100 KICE
5"	1-1/2"	2"	35mm	2-3/8"	660	3.81	125 KICE
6"	1-3/8"	1-9/16"	20mm	2-3/16"	1012	5.92	150 KIBB
6"	1-3/8"	1-9/16"	25mm	2-3/16"	1012	5.50	150 KIBC
6"	1-3/8"	1-9/16"	30mm	2-3/16"	1012	6.49	150 KIBD
6"	1-3/4"	2-3/16"	30mm	2-3/16"	1276	8.56	150 KIDD
8"	1-9/16"	2"	40mm	2-7/8"	1540	7.20	200 KICF
8"	2-3/8"	2-3/4"	40mm	2-1/16"	2200	9.17	200 KIGF
10"	1-3/4"	2-3/16"	40mm	2-7/8"	1825	13.26	250 KIDF
12"	2"	2-3/8"	40mm	3-1/4"	2775	33.52	300 KIEF
12"	2"	2-3/8"	50mm	3-1/4"	2775	26.40	300 KIEG
12"	2-3/4"	3-3/16"	60mm	4"	3875	33.55	300 KIJH
16"	4"	4"	50mm	4-1/2"	6930	75.77	400 KIPG
16"	4"	4"	60mm	4-1/2"	6930	75.90	400 KIPH
16"	4"	4"	65mm	4-1/2"	6930	76.12	400 KIPI
16"	4"	4"	70mm	4-1/2"	6930	76.45	400 KIPL
16"	4"	4"	75mm	4-1/2"	6930	76.76	400 KIPJ
16"	5"	5"	60mm	5"	10340	77.05	400 KIRH
16"	5"	5"	75mm	5"	10340	80.52	400 KIRJ

