









ZQPU Series

DUAL WHEEL

with Qualthane Polyurethane tread,
with steel/cast iron core

	Temperature resistance	 -30°C to +70°C
	Rolling resistance	 excellent
	Operating noise	 excellent
	Floor surface preservation	 very good



Wheel

Two independent swivel surfaces roll on a common axle. The result is reduced rolling resistance, reduced initial start forces, and extended swivel caster life.

Tread

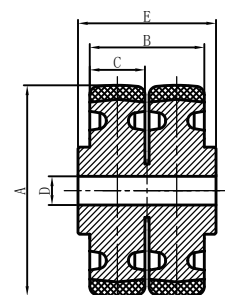
Qualthane is a premium polyurethane elastomer developed to improve maneuverability with significantly less rolling resistance. There are three different hardness to choose from 75°shore A, 85°shore A and 90° shore A, and it also provides great performance in rebound resilient. With its hydrolysis resistance characteristic, Dersheng Qualthane PU wheel is perfect wheel for tropical area or working environment associated with high humidity.

Wheel centre/rim

Made of rugged casting iron / steel.

Other features

- Good resistant to chemical, solvent and many other aggressive substances.
- Great abrasion resistance.
- Good resistance to micro-organisms.
- Reject floor debris.
- Low rolling resistance.
- Working temperature: -30°C to +70°C.
- Maintenance-free under normal conditions.
- Anti-static version also available, please consult factory.





90° Shore A (Pantone:1605C)

Item No	Wheel Diameter (D) [mm]	Wheel Width (T2) [mm]	Single Wheel Width (C) [mm]	Load Capacity [kg(lbs)]	Axle Bore Ø(d) [mm]	Hub Length (T1) [mm]	Tread Profile	Bearing Type
12038051080103	34	35	15	150 kgs (330lbs)	8	40	Round	Ball bearing
12038002080399	50	41.5	20	350 kgs (771lbs)	10	50		
12038052080399	62.5	41.5	20	450 kgs (992lbs)	10	50		
12038003080399	75	41.5	20	450 kgs (992lbs)	10	50		
12038004090272	100	46.5	22	450 kgs (992lbs)	15	50.9		
12038005100272	125	51	24	500 kgs (1102lbs)	17	62		
12038006100272	150	51	24	600 kgs (1323lbs)	17	62		
12038008100272	200	51	24	800 kgs (1764lbs)	20	62		



85° Shore A (Pantone:2747C)

Item No	Wheel Diameter (D) [mm]	Wheel Width (T2) [mm]	Single Wheel Width (C) [mm]	Load Capacity [kg(lbs)]	Axle Bore Ø(d) [mm]	Hub Length (T1) [mm]	Tread Profile	Bearing Type
12038051080203	34	35	15	120 kgs (264lbs)	8	40	Round	Ball bearing
12038002080199	50	41.5	20	350 kgs (771lbs)	10	50		
12038052080199	62.5	41.5	20	400 kgs (881lbs)	10	50		
12038003080199	75	41.5	20	450 kgs (992lbs)	10	50		
12038004090172	100	46.5	22	450 kgs (992lbs)	15	50.9		
12038005100172	125	51	24	500 kgs (1102lbs)	17	62		
12038006100172	150	51	24	550 kgs (1213lbs)	17	62		
12038008100172	200	51	24	600 kgs (1323lbs)	20	62		



75° Shore A (Pantone:425C)

Item No	Wheel Diameter (D) [mm]	Wheel Width (T2) [mm]	Single Wheel Width (C) [mm]	Load Capacity [kg(lbs)]	Axle Bore Ø(d) [mm]	Hub Length (T1) [mm]	Tread Profile	Bearing Type
12038051080303	34	35	15	70 kgs (154lbs)	8	40	Round	Ball bearing
12038002080499	50	41.5	20	150 kgs (330lbs)	10	50		
12038052080499	62.5	41.5	20	250 kgs (551lbs)	10	50		
12038003080499	75	41.5	20	300 kgs (661lbs)	10	50		
12038004090372	100	46.5	22	350 kgs (771lbs)	15	50.9		
12038005100372	125	51	24	350 kgs (771lbs)	17	62		
12038006100372	150	51	24	400 kgs (881lbs)	17	62		
12038008100372	200	51	24	450 kgs (992lbs)	20	62		