ALBION®

the caster experts

INTRODUCING... the ultimate TPE wheel for the outdoors

- *Innovative, new TPE alloy HYDROTECH™ wheels designed and formulated to withstand continuous exposure to moisture, significantly increasing life expenctancy compared to TPU*
- *Fusion bonded to prevent tread separation and reduce noise related to mechanical interlock failures*
- *Same load capacity and rollability as TPU*
- *40D (±5) durometer offers excellent abrasion resistance*
- *USA-made wheel built to last and backed with confidence (industry leading 3-year warranty)*
- *Since our founding in 1947, Albion has been known as "The Caster Experts" and is one of the most recognized and respected names in the material handling industry*

USA Made WHEELS

HydroTech™

www.albioninc.com
Toll Free: 800.835.8911

a brand of colson GROUP USA

Base Swivel Caster Number shown in Chart
For rigid models change "S" to "R"at end of base caster number.

ALBION
the caster experts

ACCESSORIES

28 Series Kingpinless Maintenance Free Ergonomic Casters

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
HF 6	2	900	7 1/2	2 1/2	28HF06229S
8	2	1000	9 1/2	3 1/2	28HF08229S01
8	2	1000	10 1/8	3 1/2	28HF08229S

Standard Bearing: Pedestal Precision Ball (**29**)
Optional Bearing: Roller (**01**); change 29 to 01

Face brake *specify* ***FBK***

Hand operated Swivel lock *order* ***SL16000013A***

Specify TO Integral toe guard

Field Install Toe Guard *Contact Albion*

110 Kingpinless Casters

HF	4	2	600	5 5/8	1 3/16	110HF04201S
	5	2	750	6 1/2	1 3/8	110HF05201S
	6	2	900	7 1/2	1 9/16	110HF06201S
	8	2	1000	9 1/2	2 1/4	110HF08201S01
	8	2	1000	10 1/8	2 1/4	110HF08201S

Standard Bearing: Roller Bearing (**01**)
Optional Bearing: Pedestal Precision Ball (**01**); change 01 to 29

PLB

P Integrated brakes

Cam brake *specify* ***CB110***

Face brake *specify* ***FBB***

Side brake *specify* ***FBC***

Face brake *specify* ***FBE***

Hand operated swivel lock *order* ***SL16000013A***

Foot operated swivel lock *order* ***SL160002***

120 Series Stainless Steel Kingpinless Casters

HF	4	2	600	5 5/8	1 3/16	120HF04201S
	5	2	750	6 1/2	1 3/8	120HF05201S
	6	2	900	7 1/2	1 9/16	120HF06201S
	8	2	1000	9 1/2	2 1/4	120HF08201S01
	8	2	1000	10 1/8	2 1/4	120HF08201S

Standard Bearing: Roller Bearing (**01**)
Optional Bearing: Pedestal Precision Ball (**01**); change 01 to 29

Top brake *specify* ***FBD***

Face brake *specify* ***FBG***

Hand operated swivel lock *order* ***SL1200000***

18 Series Economical Kingpinless Maintenance Free Casters

HF	4	2	600	5 5/8	1 11/16	18HF04229S
	5	2	750	6 1/2	1 5/8	18HF05229S
	6	2	900	7 1/2	1 3/4	18HF06229S
	8	2	1000	9 1/2	1 3/4	18HF08229S

Standard Bearing: Pedestal Precision Ball (**29**)
Optional Bearing: Roller (**01**); change 29 to 01

Side brake *specify* ***FBC***

Face brake *specify* ***FBB***

Face brake *specify* ***FBE***

Hand operated swivel lock *order* ***SL16000013A***

Foot operated swivel lock *order* ***SL160002***

Field Install Toe Guard *Contact Albion*

16 Series Standard Kingpin Casters

HF	4	2	600	5 5/8	1 11/16	16HF04201S
	5	2	750	6 1/2	1 5/8	16HF05201S
	6	2	900	7 1/4	1 3/4	16HF06201S
	8	2	1000	9 1/2	1 3/4	16HF08201S

Standard Bearing: Roller Bearing (**01**)
Optional Bearing: Pedestal Precision Ball (**29**); change 01 to 29, Delrin (**51**); change 01 to 51

Total Lock brake *specify* ***T***

Cam brake *specify* ***CB1***

Face brake *specify* ***FBE***

Side brake *specify* ***FBA***

Hand operated swivel lock *order* ***SL16000013A***

Foot operated swivel lock *order* ***SL160002***

Raceway grease seals, *specify* ***SS02***

To order accessory, add code above to end of model. Example: 28HF06201**SFBK**

HydroTech™
The ultimate TPE wheel for the outdoors

Replacement Wheels

Temperature range:
-45°F to +180°F *(intermittent service)*
+120°F *(continuous service)*

Durometer:
40 ±(5) Shore D

HydroTech Flat Tread (HF)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Roller Bearing ID (Inches)	Approx. Wt. (LBS)	Wheel Bearing	Wheel Number
4	2	600	2-3/16	1-3/16	3/4	1	Plain	WH4X2TPE19
5	2	750	2-3/16	1-3/16	3/4	1-1/8	Plain	WH5X2TPE19
6	2	900	2-3/16	1-3/16	3/4	1-3/8	Plain	WH6X2TPE19
8	2	1000	2-3/16	1-3/16	3/4	2-3/8	Plain	WH8X2TPE19

HydroTech Chemical Chart

Organics & Solvents		Ethyl acetate	F	Tuluene	X	**Acids**		Nitric, 65%	X	Sodium hydroxide	G
Acetone	G	Ethylene chloride	G	Trichloroethylene	X	Acetic, 10-50%	G	Oleic	G	**Salts**	
Alcohol, butyl	G	Ethylene dichloride	F	Varsol	X	Acetic, 75%	G	Oleum	X	Acid salts	G-F
Alcohol, ethyl	G	Ethyl ether	G	Vestalene (detergent diluted)	E	Acetic, glacial	G	Oxalic	G	Alkaline salts	G
Alcohol, methyl	G	Formaldehyde, 37%	G	Urine	E	Boric	G	Phosphoric, 25%	G	Neutral salts	G
Aniline	G	Gasoline	X	**Gases**		Butyric	G	Phosphoric, 85%	G	***Miscellaneous salts:***	
Benzene	X	Heptane	X	Carbon dioxide	G	Chromic	F	Sulfuric, 10%	G	Potassium dichromate	G
Bravo (wax stripper diluted)	E	Methylene chloride	X	Carbon monoxide	G	Citric	G	Sulfuric, 78%	F	Potassium permanganate	G
Carbon disulfide	X	Methyl ethyl ketone	F	Chlorine, wet	F	Fluoboric	G	Tannic	G	Salt water	G
Carbon tetrachloride	X	Oakite (floor cleaner)	E	Chlorine, dry	F	Hydrobromic, 25%	G	**Alkalies**		Sodium cyanide	G
Chlorobenzene	X	Orangeve	X	Hydrogen sulfide	G	Hydrochloric, 10%	G	Tartaric	F	Sodium ferricyanide	G
Chloroform	X	Naptha	F	Sulfur dioxide, wet	F	Hydrofluoric	F	Ammonium hydroxide	G	Sodium hypochlorite	G
Colson 45 lubricant	G	Nitrobenzene	X	Sulfur dioxide, dry	F	Lactic	F	Calcium hydroxide	G		
Enclean SS-2 (parts cleaner)	X	Phenol	X			Nitric, 5%	G	Potassium hydroxide	G		

E=Excellent G=Good F=Fair X=Unacceptable This chart lists an extensive range of chemicals, solvents and gases. Examine the listings in this chart to determine if your application is considered compatible with HydroTech wheels. Ratings are at 72°F. Concentrations of aqueous solutions are saturated except where noted. Information in this chart is based on laboratory tests and results may vary in actual caster applications. Field testing is recommended to confirm compatibility with your particular application. For information on the compatibility of other fluids and chemicals, please contact the factory.

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Specifications subject to change without notice.