

Exalto External Wiper Systems

Our wiper systems are engineered for reliability and performance - even in the worst conditions.

223XBD WIPER MOTOR

- 12VDC or 24VDC*
- External surface-mount
- Housed in powder coated 316 SS box
- Adjustable mounting points
- Quick connect waterproof electrical connection
- 23nm torque
- Amp Draw: 3A (12V) or 1.5A (24V)
- Recommended Fuse Size:
 - 12V: 6A Slow Blow
 - 24V: 4A Slow Blow

TYPE 1 WIPER ARMS

- Three adj. lengths from 9.8" - 29.5"
- Adjustable spring gallery for easy wiper blade pressure adjustment
- Optional second spring
- 316 stainless steel construction with solid brass heads
- Arms fold back for easy windshield cleaning
- Coated with durable low-glare black polyester epoxy
- Optional arm-mounted washing jet

TYPE 1 WIPER BLADES

- Stainless steel main support
- Stainless steel lower bridges (standard wiper blades)
- High-density synthetic lower bridges (heavy duty wiper blades)
- Replaceable rubber inserts
- 12 sizes from 9.8" - 31.5"



Exalto
Wiper Technologies since 1965

223XBD Motor

FEATURES

- Durable 316 stainless steel motor housing
- Quick connect electrical connection for external wiring
- Adjustable mounting brackets for varying mounting surface angles
- Preset sweep angles from 45 - 90 degrees
- 316 stainless steel shafts, fasteners and components

BENEFITS

- Long life in wet, corrosive environment - Waterproof to IPx6(Protected against heavy seas - Water projected at all angles)
- Easy installation and wiring
- Wide range of arms and blades to fit most any window
- System has maximum wiper reach of up to 45"
- 3-Year warranty on motors & arms; 1-Year for blades

Control Options

Imtra offers a wide range of switching options for your wiper system. The choices range from simple rotary switches to full featured electronic control panels that allow for fingertip control of the operation of entire banks of wipers. Ask for more information or visit www.imtra.com to see all the wiper switching options.



Integrated Washing Systems

Complete your wiper installation with a proper window washing system. Imtra has everything that you need to customize a washing or rinse down solution for your application.

We have it all - solenoids, plumbing fittings, high quality tubing, bulkhead connects and manifolds for systems that plumb directly into the craft's pressure water system.



Or, choose a washing system that includes a dedicated fluid reservoir that allows for the use of anti-freeze or other additives for weather sensitive operation.



Request a copy of our washing system flyer to see all the options available. You can also see our offering at www.imtra.com

	MODEL	VOLTAGE	ITEM NO.	SWEEP ANGLE ADJUSTMENT
WIPER MOTORS	223BXD	12V	EXA2165XBD	40°-90° Disk 5° increments
		24V	EXA2166XBD	
	Wire harness for 223XBD		EX223XBD-5M	(required)
	ARM LENGTH		ITEM NO.	GALLERY SPRING
WIPER ARMS	14.8 - 20.7" Adjustable Length		EX2133.R	Adjustable Spring Gallery with one spring
	20.7 - 25.6" Adjustable Length		EX2136.R	
	26.6 - 31.1" Adjustable Length		EX2139.R	
	BLADE TYPE	LENGTH	ITEM NO.	CONSTRUCTION
WIPER BLADES	Standard Blades	10"	EX2170	Stainless Steel main support with stainless steel bridges
		11.8"	EX2171	
		13.8"	EX2172	
		15.8"	EX2173	
		17.7"	EX2174	
		19.7"	EX2175	
	Heavy Duty Blades	21.7"	EX2176	
		24"	EX216120	Stainless Steel main support with high-density synthetic bridges
		25.5"	EX216121	
		27.5"	EX216122	
		29.5"	EX216123	
		31.5"	EX216124	

DIMENSIONS

