

# Exalto Type 2 Wiper Systems

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

## 225BS Wiper Motor

- 12VDC or 24VDC
- Choice of three bulkhead thicknesses
- 55Nm torque
- Drives arms to 39.4", blades to 47.25"
- Two Speed Settings:
  - Low (38 sweeps/min)
  - High (60 sweeps/min)
- Dynamic park (left or right)
- Amp Draw: 7A (12V) or 4A (24V)
- Recommended Fuse Size:
  - 12V: 8A Slow Blow
  - 24V: 6A Slow Blow

## Type 2 Wiper Arms

- Adjustable in length up to 39.4"
- Adjustable in length up to 39.4"
- Available in fixed or adjustable spring gallery versions
- 10mm box section extension arms with channel for wash tubing
- Gallery covers for clean appearance
- 316 stainless steel construction with solid brass heads
- Coated with durable low-glare black polyester epoxy
- Optional arm-mounted jet

## Type 2 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
- Sizes from 9.8" - 47.25"

# Exalto

Wiper Technologies  since 1965

## FEATURES

- Dual drive shafts for additional power
- Tapered brass heads for secure arm/motor connection
- 316 stainless steel shafts, fasteners and components
- Choice of stepless sweep angle from 40-90°
- Durable galvanized steel bracket

## BENEFITS

- Long life in wet, corrosive environment
- Easy installation and wiring
- Wide range of arms and blades to fit most any window
- System has maximum wiper reach of up to 63"
- 3-Year warranty on motors & arms; 1-Year for blades



225BS Motor

### 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](http://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](http://www.imtra.com)

	MODEL	VOLTAGE	BULKHEAD THICKNESS	ITEM NO.	SWEEP ANGLE ADJUSTMENT
WIPER MOTORS	225BS	12V	1-3/8" 2-1/2"	EX211255.35 EX211255.65	40°-90° Slot stepless adjustment
		24V	1-3/8" 2-1/2"	EX212455.35 EX212455.65	
ARM LENGTH			ITEM NO.	GALLERY SPRING	
WIPER ARMS	Up to 39.4" Adjustable Length		9.8" - 31.5" 33.5" - 47.3"	EX2142.S EX2142.B	Fixed Spring Galleries
			9.8" - 31.5" 33.5" - 47.3"	EX2142.SAS EX2142.BAS	Adjustable Spring Gallery
BLADE TYPE			LENGTH	ITEM NO.	CONSTRUCTION
WIPER BLADES	Standard Blades		9.8"	EX2170	Stainless Steel main support with stainless steel bridges
			11.8"	EX2171	
			13.8"	EX2172	
			15.8"	EX2173	
			17.7"	EX2174	
			19.7"	EX2175	
			21.7"	EX2176	
	Heavy Duty Blades		24"	EX216120	Stainless Steel main support with high-density synthetic bridges
			25.5"	EX216121	
			27.5"	EX216122	
			29.5"	EX216123	
			31.5"	EX216124	
			33.5"	EX216125	
			35.4"	EX216126	
			37.4"	EX216127	
		39.4"	EX216128		
		47.3"	EX216130		

