

Marine Windshield Wiper System

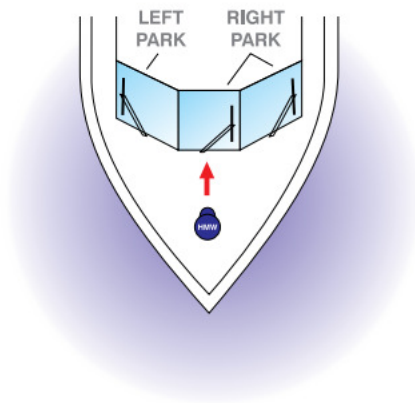
DOGA presents their range of marine windshield wiper systems, featuring components made from stainless steel with a special black chromate treatment or polished stainless steel finish.

DOGA marine wiper systems are available with wide range of washer systems. Complete marine wiper/washer systems, motors, arms, blades, bottles, pumps and accessories from one source, DOGA.

Guide

Wiper Park Position

Please note when ordering wiper system, parked position (left or right) is viewed looking aft from the bow.

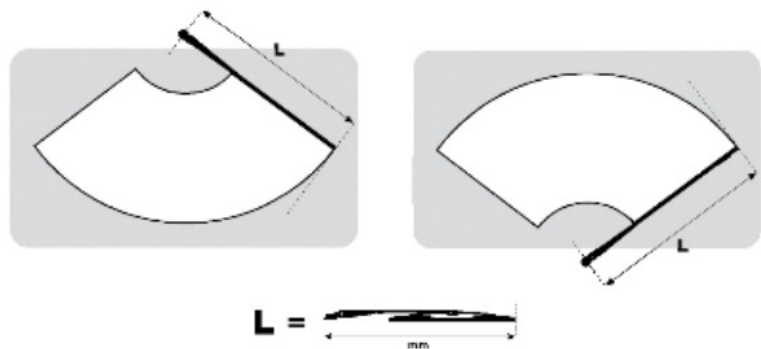


Wiping System with Simple Arms

See motor **116**.

To be installed up or down.

Maximum length (L): **750mm**



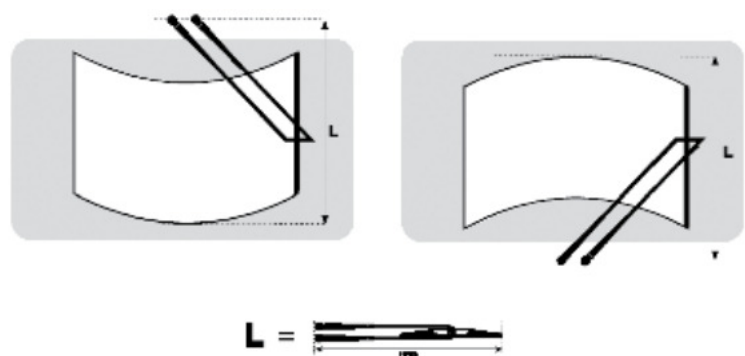
Wiping System with Pantographic Arms

See motor **116, 111 and 119**.

To be installed up or down.

Maximum length (L): **116: 750mm**

111: 900mm 119 : 1200mm



Model 119

The DOGA Model 119 Wiper System is designed for larger vessels. The wiper Motor has two reciprocating driving shafts that will wipe a combined arm and blade length of 1200mm. The arms and blades are made with Stainless Steel components treated with a special Black Chromate to suit the marine environment. This type of motor is supplied with automatic park.

Model 119 Motor Specifications

Part Number Left Park	Part Number Right Park	Length mm	Wiping Angle	Volts	Speed
555/613	555/612	43	90°	12	1
555/610	555/611	43	90°	24	1
555/606	555/607	43	90°	12	1
555/605	555/604	43	90°	24	1
555/601/2	555/601/1	43	110°	12	1
555/603/1	555/603	43	110°	24	1

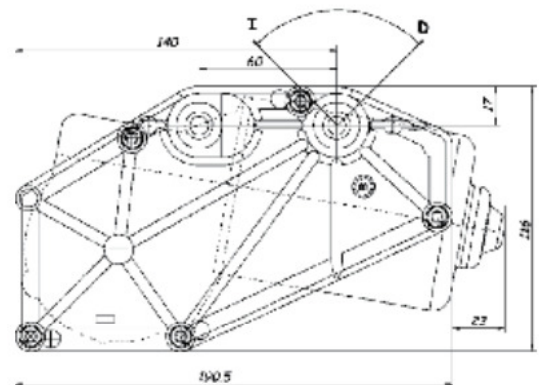


Model 119 Arm Specifications

Part Number	Length mm	Shaft	With Nozzle
555/620	700	M8	✓
555/621	800	M8	✓
555/622	900	M8	✓
555/623	1000	M8	✓



Model 119 Motor Dimensions

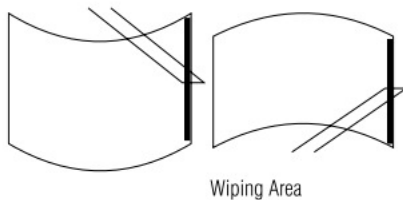


Model 119 Blade Specifications

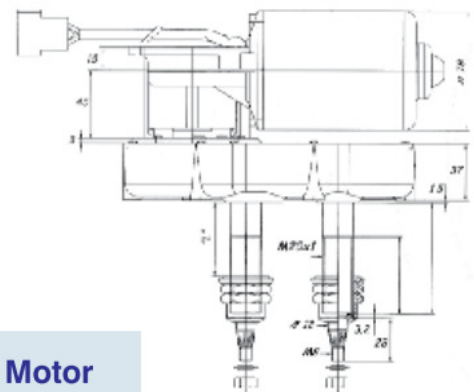


Part Number	Length mm
555/641	800
555/640	900
555/642	1000

Polished stainless steel
black chromate treatment.



Maximum Overall Length 1200mm



Model 119 Motor Specifications

Rotational Speed	32RPM
Start Torque	50Nm
Nominal Torque	10 Nm
Auto Park	✓

Switches to Suit Wiper Motors

For dependable control of windshield wipers on heavy duty vessels. These heavy duty wiper switches, have variable intermittent wipe and advanced electronics. Switches conform to SAE standard J112a for windshield wipers and J234 for windshield washers.

Features

- For 12 Volt DC electrical systems, 24 Volt DC where noted.
- 4 Positions: Off/Park, Intermittent Range, Low and High.
- Push knob to actuate washer pump circuit - one to three wipes provided after knob released.
- Black plastic knob with metal insert and set screw, and white imprint.
- Die cast case 56.35mm square, 46.04mm long.
- Mounting Stem 7/16" - 28 thread.
- Supplied with hex nut and lock washer for mounting.
- For dependable control of windshield wipers on heavy duty vehicles



Variable Intermittent Switch

555/405

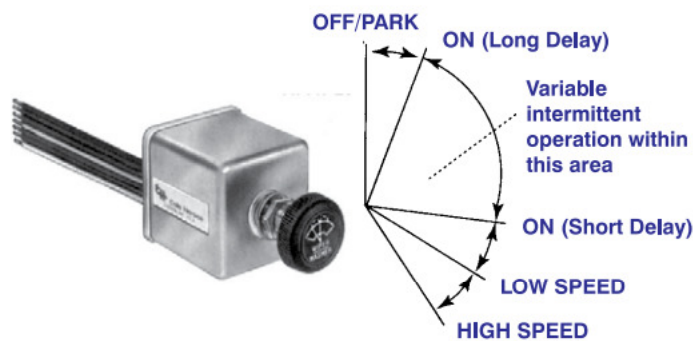
- Packard 6 way male connector
- Lead and connector assembly 142.9mm long
- 24 volt
- Dynamic Park



On/Off Switch

555/404

- For use with permanent magnet electric wiping motors with dynamic park, including most DOGA motors
- For 12/24 volt DC systems
- 3 positions: Off/Park, Low and High
- Single motor controls with Push and Wash
- Six blade terminals



5.8 Litre - Large Capacity Reservoir

Large Capacity 5.8 Litre Reservoir with 12 or 24 Volt Motor.



Part Number	Description
555/451	12 Volt Motor
555/452	24 Volt Motor
Optional Slide Bracket Also Available	
555/459	Slide Bracket

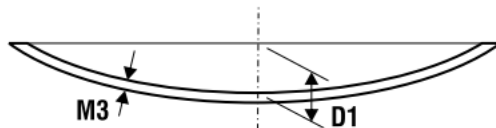
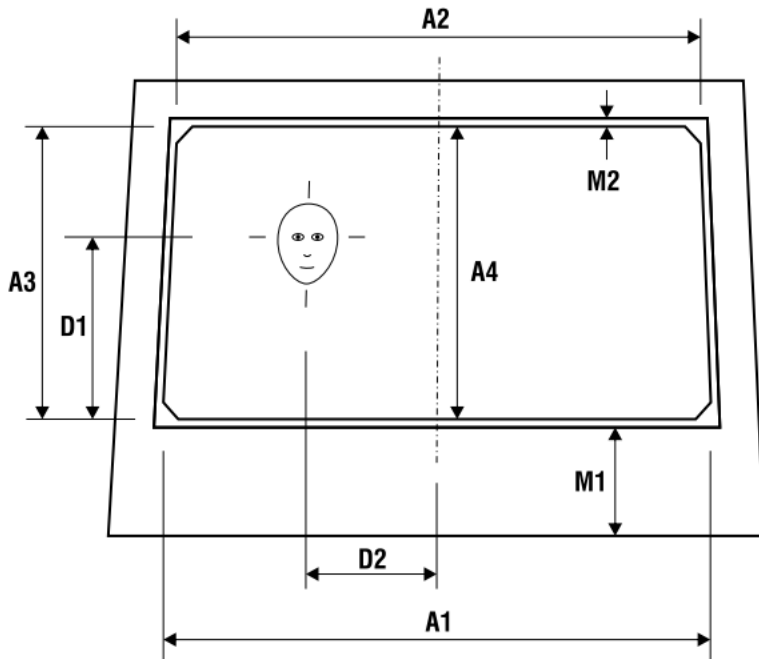
555/451	12 Volt Motor
555/452	24 Volt Motor

Optional Slide Bracket Also Available

555/459	Slide Bracket
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Windshield Wiper Request Form

Please complete the below form and we will recommend the system that best suits your needs.



Windshield Measurements

A1 _____
A2 _____
A3 _____
A4 _____
A5 _____

Driver Position

D1 _____
D2 _____

Mounting Information

Assembly Room _____
M1 _____
M2 _____
Body Thickness _____
M3 _____

Other Information

Normal Voltage _____ Volts
Vehicle Type _____
Model _____
Estimated Quantity _____ Units

Contact Details

Name _____
Company _____
Address _____

Ph _____
Fax _____
Mobile _____

Comments