doga wipers

Marine Windshield Wiper System

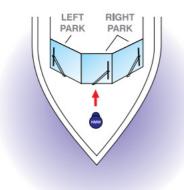
DOGA presents their range of marine windshield wiper systems, featuring components made from stainless steel with a special black chromate treatment or polished stainless steel finish.

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.

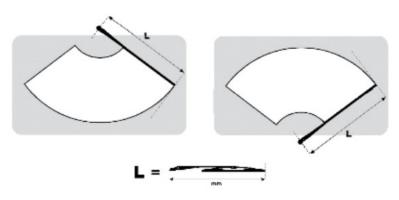




Wiping System with Simple Arms

See motor 116.

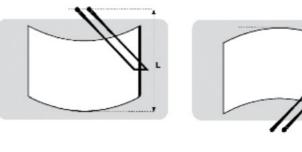
To be installed up or down. Maximum length (L): **750mm**



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





doga wipers wiper motors

Model 111

The DOGA Model 111 Wiper System is ideal for smaller vessels. The Wiper Motor has two reciprocating driving shafts that will wipe a combined arm and blade length of 900mm. The arms and blades are made with Stainless Steel components treated with a special Black Chromate to suit the marine enviornment. This type of motor is provided with automatic park.

Model 111 Motor Specifications

Part Number Left Park	Part Number Right Park	Shaft Length mm	Wiping Angle	Volts	Speed
555/701	555/700	43	50°	12	1
555/711	555/711/1	43	50°	24	1
555/701/1	555/701/2	43	60°	12	1
555/702	555/702/1	43	60°	24	1
555/703	555/704	43	72°	12	1
555/713	555/714	43	72°	24	1
555/710	555/709	43	80°	12	1
555/712	555/712/1	43	80°	24	1



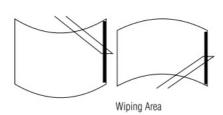
Model 111 Arm Specifications

Part	Length		With
Number	mm	Shaft	Nozzle
555/721	500	M8	1
555/722	600	M8	✓
555/723	700	M8	1

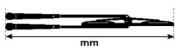
Model 111 Blade Specifications



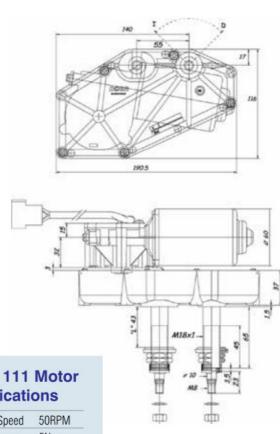
Part	Length
Number	mm
555/741	500
555/742	600
555/743	700



Maximum Overall Length 900mm



Model 111 Motor Dimensions



Model	111	Moto	r
Specif	ficati	ons	

Rotational Speed	50RPM
Nominal Torque	5Nm
Stall Torque	25 Nm
Shaft	M8
Auto Park	4

doga wipers wiper motors

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

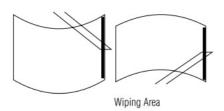
Part Number	Length mm	Shaft	With Nozzle
555/620	700	M8	1
555/621	800	M8	✓
555/622	900	M8	1
555/623	1000	M8	4

Model 119 Blade Specifications



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

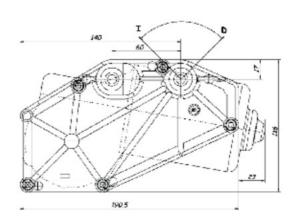
Polished stainless steel black chromate treatment.

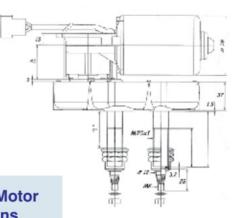


Maximum Overall Length 1200mm



Model 119 Motor Dimensions





Model 119 Motor Specifications

32RPM
50Nm
10 Nm
✓

doga wipers wiper motors

Model 116

The DOGA Model 116 Wiper System has been designed for boats where space is at a premium. This Wiper Motor has one drive shaft and will wipe a combined arm and blade length of 750mm. The are 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 116 Motor Specifications

Part Number Left Park	Part Number Right Park	Length mm	Wiping Angle	Volts	Speed
555/805	555/806	43	60°	12	1
555/805/1	555/806/1	43	60°	24	1
555/807	555/808	43	90°	12	1
555/807/1	555/808/1	43	90°	24	1
555/809	555/810	43	110°	12	1
555/809/1	555/810/1	43	110°	24	1

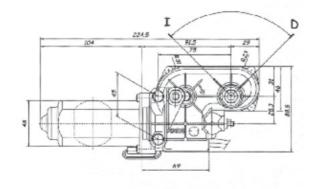


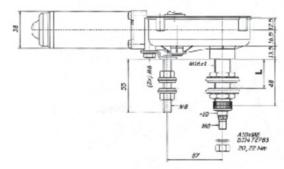
Maximum Overall Length 750mm 750mm

Model 116 Motor Specifications

Rotational Speed	50 RPM
Start Torque	10 Nm
Nominal Torque	1.8 Nm
Auto Park	✓

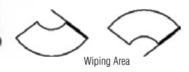
Model 116 Motor Dimensions





Model 116 Extendable Arm Specifications

Part Number	Length Adaptable mm	Shaft	With Nozzle
555/835	320-420	M8	✓
555/834	430-500	M8	1





Model 116 Extendable Pantographic Arm Specifications

Left Part Number	Adaptable mm	Shaft	with Nozzle
555/820	320-420	M8	✓
555/819	430-500	M8	✓

Right Part Number	Length Adaptable mm	Shaft	with Nozzle
555/818	320-420	M8	1
555/817	430-500	M8	1

Model 116 Blade Specifications

Part Number	Length Adaptable mm Shaft		
555/840	280	340-420	
555/841	350	340-420	
555/842	400	430-500	
555/843	450	430-500	
555/845	500	430-500	



doga wipers accessories

Switches to Suit Wiper Motors

For dependable control of windshield wipers on heavy duty vessles. 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



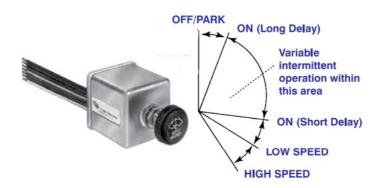
Variable Intermittent Switch 555/405

- 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.

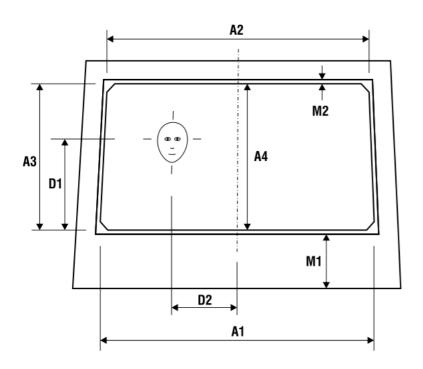


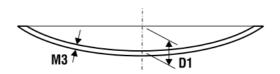
Part Number	Description
555/451	12 Volt Motor
555/452	24 Volt Motor
Optional Slide E	Bracket Also Available
555/459	Slide Bracket



Windshield Wiper Request Form

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





Windshield Measurements

A2 ______

A4 _____

A5 _____

Driver Position

D1 ______

Mounting Information

Assembly Room
M1_____
M2___
Body Thickness

M3_____

Other Information

Normal Voltage

Vehicle Type ______ Volts

Wodel _____
Estimated Quantity

_____Units

Contact Details

Name ______
Company _____
Address _____
Ph ____
Fax ____
Mobile _____

Comments