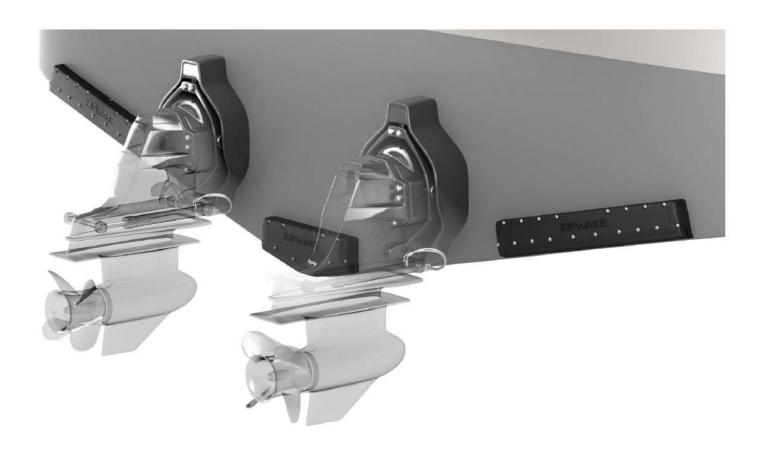
## V-shaped interceptors for centerline mounting

V-shaped interceptors for centerline mounting are perfect for filling the gap between twin outboards or sterndrives, as well as dual



The four V-shaped models cover deadrise angles effectively between 11 to 24 degrees. Centerline mounted interceptors can be included in new installations, or retro-fitted to already installed systems.

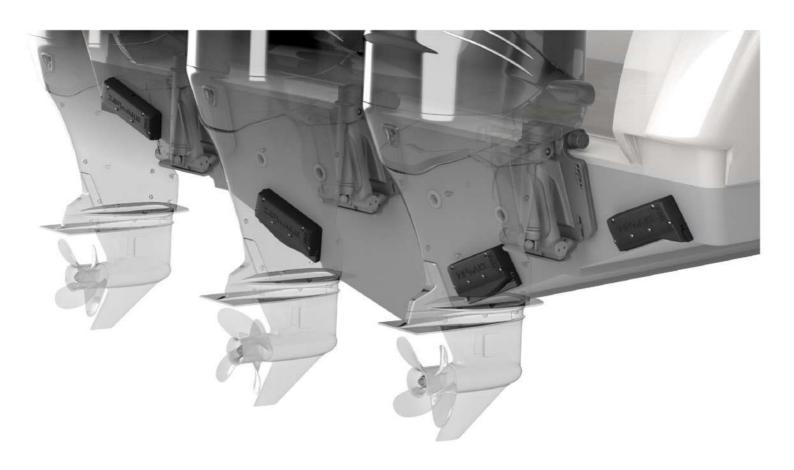


## Chine interceptors for maximum lift

Chine interceptors provide a unique means of maximizing pitch and roll motion control by utilizing the furthest outboard surfaces of the hull bottom for lift generation.



As a rule, the lift effect of a chine interceptor matches the lift of a straight interceptor one size larger mounted inboard of the chine, making them the go-to choice when selecting interceptors. Chine interceptors are particularly useful when transom space is limited abeam of outboards or sterndrives.



## Intermediate interceptor for installing close to propellers

When space between multiple outboards or sterndrives is tight, an intermediate interceptor offers a viable alternative for additional pitch and roll motion control not possible with a straight interceptor without degrading propeller performance.



Thanks to their special blade shape, intermediate interceptors generate a narrower trail, thus mitigating propeller inflow disturbance and even allowing installation between outboards mounted at their minimum offset.



The modular design enables boat designers to develop their own novel applications, e.g. in multihulls or stepped hull high-speed craft.

#### 4.1 FEATURES



- · True outboard mount
- Modular design
- · Fast actuation
- Straight, V-shaped, chine and intermediate models
- · Integrated mounting plate
- Thru-hull fitting options
  - Above waterline
  - Concealed behind interceptor

- · Submersible servo units
  - Brushless 12-24V DC servo motor
  - High-precision positioning
  - Calibration free
  - Durable and accessible
- Auto Cleaning
  - Periodically selectable cleaning cycle
  - Prevents fouling inside the interceptor
- No corrosive materials

# 4.2 SPECIFICATIONS

| Model  |                         |   |                |             |             |          |
|--|-------------------------|---|----------------|-------------|-------------|----------|
| Weight         2.1 (4.6)         2.8 (6.2)         3.5 (7.7)         4.0 (8.8)         kg (lbs)           Model         IT450-S V13         IT450-S V16         IT450-S V19         IT450-S V22         Length         450 (18)         450 (18)         450 (18)         450 (18)         450 (18)         mm (in)           Weight         3.2 (7.1)         3.3 (7.3)         3.4 (7.5)         3.5 (7.7)         kg (lbs)           Model         CHINE PORT CHINE STBD CHINE PORT CHINE STBD CHINE PORT CHINE STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD         IT450-S CHINE STBD CHINE STBD CHINE STBD CHINE STBD         IT450-S CHINE STBD CHINE STBD CHINE STBD CHINE STBD         IT450-S CHINE STBD CHINE STBD CHINE STBD CHINE STBD         IT450-S CHINE STBD CHINE STBD CHINE STBD CHINE STBD         IT450-S CHINE STBD CHINE STBD CHINE STBD CHINE STBD         IT450-S CHINE STBD  | Model                   | IT300-S                                   | IT450-S        | IT600-S     | IT750-S     |          |
| Model         IT450-S V13         IT450-S V16         IT450-S V19         IT450-S V22           Length         450 (18)         450 (18)         450 (18)         450 (18)         450 (18)         mm (in)           Weight         3.2 (7.1)         3.3 (7.3)         3.4 (7.5)         3.5 (7.7)         kg (lbs)           Model         IT300-S<br>CHINE PORT<br>CHINE STBD         IT450-S<br>CHINE PORT<br>CHINE STBD         IT450-S<br>CHINE PORT<br>CHINE STBD         IT450-S<br>CHINE PORT<br>CHINE STBD           Length         300 (12)         300 (12)         450 (18)         450 (18)         mm (in)           Weight         2.2 (4.9)         2.2 (4.9)         2.9 (6.4)         2.9 (6.4)         kg (lbs)           Model         IT300-S<br>INTER         INTER         IT450-S<br>CHINE PORT         IT450-   | Length                  | 300 (12)                                  | 450 (18)       | 600 (24)    | 750 (30)    | mm (in)  |
| Length         450 (18)         450 (18)         450 (18)         450 (18)         450 (18)         mm (in)           Weight         3.2 (7.1)         3.3 (7.3)         3.4 (7.5)         3.5 (7.7)         kg (lbs)           Model         IT300-S CHINE PORT CHINE STBD CHINE STBD CHINE STBD         IT450-S CHINE STBD CHINE STBD CHINE STBD CHINE STBD         IT450-S CHINE STBD CHINE STBD CHINE STBD CHINE STBD         Image: March STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD         Image: March STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD         Image: March STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD         Image: March STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD         Image: March STBD CHINE  | Weight                  | 2.1 (4.6)                                 | 2.8 (6.2)      | 3.5 (7.7)   | 4.0 (8.8)   | kg (lbs) |
| Length         450 (18)         450 (18)         450 (18)         450 (18)         450 (18)         mm (in)           Weight         3.2 (7.1)         3.3 (7.3)         3.4 (7.5)         3.5 (7.7)         kg (lbs)           Model         IT300-S CHINE PORT CHINE STBD CHINE STBD CHINE STBD         IT450-S CHINE STBD CHINE STBD CHINE STBD CHINE STBD         IT450-S CHINE STBD CHINE STBD CHINE STBD CHINE STBD         Image: March STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD         Image: March STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD         Image: March STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD         Image: March STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD CHINE STBD         Image: March STBD CHINE  |                         |   |                |             |             |          |
| Weight         3.2 (7.1)         3.3 (7.3)         3.4 (7.5)         3.5 (7.7)         kg (lbs)           Model         IT300-S<br>CHINE PORT         IT300-S<br>CHINE STBD         IT450-S<br>CHINE STBD  | Model                   | IT450-S V13                               | IT450-S V16    | IT450-S V19 | IT450-S V22 |          |
| Model         IT300-S<br>CHINE PORT         IT300-S<br>CHINE STBD         IT450-S<br>CHINE PORT         IT450-S<br>CHINE STBD           Length         300 (12)         300 (12)         450 (18)         450 (18)         mm (in)           Weight         2.2 (4.9)         2.2 (4.9)         2.9 (6.4)         2.9 (6.4)         kg (lbs)           Model         IT300-S<br>INTER         mm (in)           Length         300 (12)         mm (in)           Weight         2.4 (5.3)         mm (in)           Weight         2.4 (5.3)         kg (lbs)    Max. boat speed 60 knots Blade stroke 30 mm (1.2 in) Blade rate 20 mm/s (0.8 in/s)  Thru-hull cable fitting Concealed or above waterline  Servo actuator SU-S Cable length 3 m (10 ft), extendable up to 6 m (20 ft)  Cable material PUR  Connector         M12 5-pin circular           Connector         M12 5-pin circular           Connector diameter         14.5 mm (0.57 in)           Supply voltage         12 - 32 V DC           Power consumption         25 W max           Operating temperature         0° to +40°C (+32° to +104°F)           Storage temperature         -40° to +90°C (-40° to +194°F)  | Length                  | 450 (18)                                  | 450 (18)       | 450 (18)    | 450 (18)    | mm (in)  |
| CHINE PORT   CHINE STBD   CHINE PORT   CHINE STBD  | Weight                  | 3.2 (7.1)                                 | 3.3 (7.3)      | 3.4 (7.5)   | 3.5 (7.7)   | kg (lbs) |
| CHINE PORT   CHINE STBD   CHINE PORT   CHINE STBD  |                         |   |                |             |             |          |
| Weight         2.2 (4.9)         2.2 (4.9)         2.9 (6.4)         2.9 (6.4)         kg (lbs)           Model         IT300-S<br>INTER         INTER         Image: Interest of the control of the contro | Model                   |   |                |             |             |          |
| Model         IT300-S INTER           Length         300 (12)         mm (in)           Weight         2.4 (5.3)         kg (lbs)           Max. boat speed         60 knots         Blade stroke         30 mm (1.2 in)           Blade rate         20 mm/s (0.8 in/s)         30 mm (1.2 in)         30 mm (0.8 in/s)         30 mm (20 ft)         30 mm (20 ft) </th <th>Length</th> <th>300 (12)</th> <th>300 (12)</th> <th>450 (18)</th> <th>450 (18)</th> <th>mm (in)</th>   | Length                  | 300 (12)                                  | 300 (12)       | 450 (18)    | 450 (18)    | mm (in)  |
| INTER  | Weight                  | 2.2 (4.9)                                 | 2.2 (4.9)      | 2.9 (6.4)   | 2.9 (6.4)   | kg (lbs) |
| INTER  |                         |   |                |             |             |          |
| Weight  2.4 (5.3)  kg (lbs)  Max. boat speed 60 knots  Blade stroke 30 mm (1.2 in)  Blade rate 20 mm/s (0.8 in/s)  Thru-hull cable fitting Concealed or above waterline  Servo actuator SU-S  Cable length 3 m (10 ft), extendable up to 6 m (20 ft)  Cable material PUR  Connector M12 5-pin circular  Connector diameter 14.5 mm (0.57 in)  Supply voltage 12 - 32 V DC  Power consumption 25 W max  Operating temperature -40° to +90°C (-40° to +194°F)  Storage temperature   | Model                   |   |                |             |             |          |
| Max. boat speed 60 knots  Blade stroke 30 mm (1.2 in)  Blade rate 20 mm/s (0.8 in/s)  Thru-hull cable fitting Concealed or above waterline  Servo actuator SU-S  Cable length 3 m (10 ft), extendable up to 6 m (20 ft)  Cable material PUR  Connector M12 5-pin circular  Connector diameter 14.5 mm (0.57 in)  Supply voltage 12 - 32 V DC  Power consumption 25 W max  Operating temperature 0° to +40°C (+32° to +104°F)  Storage temperature -40° to +90°C (-40° to +194°F)   | Length                  | 300 (12)                                  |                |             |             | mm (in)  |
| Blade stroke 30 mm (1.2 in)  Blade rate 20 mm/s (0.8 in/s)  Thru-hull cable fitting Concealed or above waterline  Servo actuator SU-S  Cable length 3 m (10 ft), extendable up to 6 m (20 ft)  Cable material PUR  Connector M12 5-pin circular  Connector diameter 14.5 mm (0.57 in)  Supply voltage 12 - 32 V DC  Power consumption 25 W max  Operating temperature 0° to +40°C (+32° to +104°F)  Storage temperature -40° to +90°C (-40° to +194°F)   | Weight                  | 2.4 (5.3)                                 |                |             |             | kg (lbs) |
| Blade stroke 30 mm (1.2 in)  Blade rate 20 mm/s (0.8 in/s)  Thru-hull cable fitting Concealed or above waterline  Servo actuator SU-S  Cable length 3 m (10 ft), extendable up to 6 m (20 ft)  Cable material PUR  Connector M12 5-pin circular  Connector diameter 14.5 mm (0.57 in)  Supply voltage 12 - 32 V DC  Power consumption 25 W max  Operating temperature 0° to +40°C (+32° to +104°F)  Storage temperature -40° to +90°C (-40° to +194°F)   |                         |   |                |             |             |          |
| Blade rate  20 mm/s (0.8 in/s)  Thru-hull cable fitting  Concealed or above waterline  Servo actuator  SU-S  Cable length  3 m (10 ft), extendable up to 6 m (20 ft)  Cable material  PUR  Connector  M12 5-pin circular  Connector diameter  14.5 mm (0.57 in)  Supply voltage  12 - 32 V DC  Power consumption  25 W max  Operating temperature  0° to +40° C (+32° to +104°F)  Storage temperature  -40° to +90°C (-40° to +194°F)  | Max. boat speed         | 60 knots                                  |                |             |             |          |
| Thru-hull cable fitting  Servo actuator  Cable length  3 m (10 ft), extendable up to 6 m (20 ft)  Cable material  PUR  Connector  M12 5-pin circular  Connector diameter  14.5 mm (0.57 in)  Supply voltage  12 - 32 V DC  Power consumption  25 W max  Operating temperature  0° to +40°C (+32° to +104°F)  Storage temperature  -40° to +90°C (-40° to +194°F)   | Blade stroke            | 30 mm (1.2 in)                            | 30 mm (1.2 in) |             |             |          |
| Servo actuator  Cable length  3 m (10 ft), extendable up to 6 m (20 ft)  Cable material  PUR  Connector  M12 5-pin circular  Connector diameter  14.5 mm (0.57 in)  Supply voltage  12 - 32 V DC  Power consumption  25 W max  Operating temperature  0° to +40°C (+32° to +104°F)  Storage temperature  -40° to +90°C (-40° to +194°F)  | Blade rate              | 20 mm/s (0.8 in/s)                        |                |             |             |          |
| Cable length 3 m (10 ft), extendable up to 6 m (20 ft)  Cable material PUR  Connector M12 5-pin circular  Connector diameter 14.5 mm (0.57 in)  Supply voltage 12 - 32 V DC  Power consumption 25 W max  Operating temperature 0° to +40°C (+32° to +104°F)  Storage temperature -40° to +90°C (-40° to +194°F)  | Thru-hull cable fitting | Concealed or above waterline              |                |             |             |          |
| Cable materialPURConnectorM12 5-pin circularConnector diameter14.5 mm (0.57 in)Supply voltage12 - 32 V DCPower consumption25 W maxOperating temperature0° to +40°C (+32° to +104°F)Storage temperature-40° to +90°C (-40° to +194°F)   | Servo actuator          | SU-S                                      |                |             |             |          |
| ConnectorM12 5-pin circularConnector diameter14.5 mm (0.57 in)Supply voltage12 - 32 V DCPower consumption25 W maxOperating temperature0° to +40°C (+32° to +104°F)Storage temperature-40° to +90°C (-40° to +194°F)  | Cable length            | 3 m (10 ft), extendable up to 6 m (20 ft) |                |             |             |          |
| Connector diameter  14.5 mm (0.57 in)  Supply voltage  12 - 32 V DC  Power consumption  25 W max  Operating temperature  0° to +40°C (+32° to +104°F)  Storage temperature  -40° to +90°C (-40° to +194°F)   | Cable material          | PUR                                       |                |             |             |          |
| Supply voltage 12 - 32 V DC  Power consumption 25 W max  Operating temperature 0° to +40°C (+32° to +104°F)  Storage temperature -40° to +90°C (-40° to +194°F)  | Connector               | M12 5-pin circular                        |                |             |             |          |
| Power consumption 25 W max  Operating temperature 0° to +40°C (+32° to +104°F)  Storage temperature -40° to +90°C (-40° to +194°F)   | Connector diameter      | 14.5 mm (0.57                             | in)            |             |             |          |
| Operating temperature 0° to +40°C (+32° to +104°F)  Storage temperature -40° to +90°C (-40° to +194°F)   | Supply voltage          | 12 - 32 V DC                              |                |             |             |          |
| Storage temperature -40° to +90°C (-40° to +194°F)   | Power consumption       | 25 W max                                  |                |             |             |          |
|  | Operating temperature   | 0° to +40°C (+32° to +104°F)              |                |             |             |          |
| Waterproof rating IP68 5 m (16 ft)   | Storage temperature     | -40° to +90°C (-40° to +194°F)            |                |             |             |          |
| Trace proof rating   | Waterproof rating       | IP68 5 m (16 ft)                          |                |             |             |          |

Compliance

CE, FCC

## 4.3 ORDERING DATA

| Model    | IT300-S | IT450-S            | IT600-S | IT750-S |
|----------|---------|--------------------|---------|---------|
| Part No. | 2011232 | 2011233            | 2011234 | 2011235 |
|          | (       | m and Cable Covers |         |         |

- Included in Kit Boxes
- · Available as an accessory
- · Available as a spare part

| Model    | IT450-S V13 | IT450-S V16 | IT450-S V19 | IT450-S V22 |
|----------|-------------|-------------|-------------|-------------|
| Part No. | 2011482     | 2011483     | 2011484     | 2011485     |
|          |             |             |             |             |

- · Available as an accessory
- Available as a spare part

| Model    | IT300-S<br>CHINE PORT                 | IT300-S<br>CHINE STBD | IT450-S<br>CHINE PORT | IT450-S<br>CHINE STBD |
|----------|---------------------------------------|-----------------------|-----------------------|-----------------------|
| Part No. | 2011702                               | 2011703               | 2011704               | 2011705               |
|          | Comes with Cable 3 m and Cable Covers |                       |                       |                       |

- · Included in Kit Boxes
- · Available as an accessory
- Available as a spare part

| Model    | IT300-S INTER                         |  |
|----------|---------------------------------------|--|
| Part No. | 2011701                               |  |
|          | Comes with Cable 3 m and Cable Covers |  |

- · Available as an accessory
- · Available as a spare part

### 4.4 DIMENSIONS

