



# QUICK SIZING SERIES S

### Recommendation:

When choosing which interceptors to use it is recommended that combining units to span as much of the beam as possible gives the best operating results, that is use large Z factors. With Zipwake's precision controlled interceptors it is not possible to span too much of the beam.

Z		Rating		
0.3	Minimum			
0.6	Good			Undersized*
0.9	Excellent			
	Boat length	10 m (33')	20 m (67')	30 m (100')

\*Undersized rating implies select **SERIES E** interceptors

$$\text{Zipwake factor } Z = \frac{\text{Span}}{\text{Beam}} = \frac{\text{Sum of interceptor lengths}}{\text{Chine beam at transom}}$$

### Example, Beam = 3.7 m

- Span =  $0.6 \times 2 + 0.45 \times 2 + 1 \times 0.45 = 2.55\text{m}$
- Z factor =  $2.55 / 3.70 \approx 0.7$

