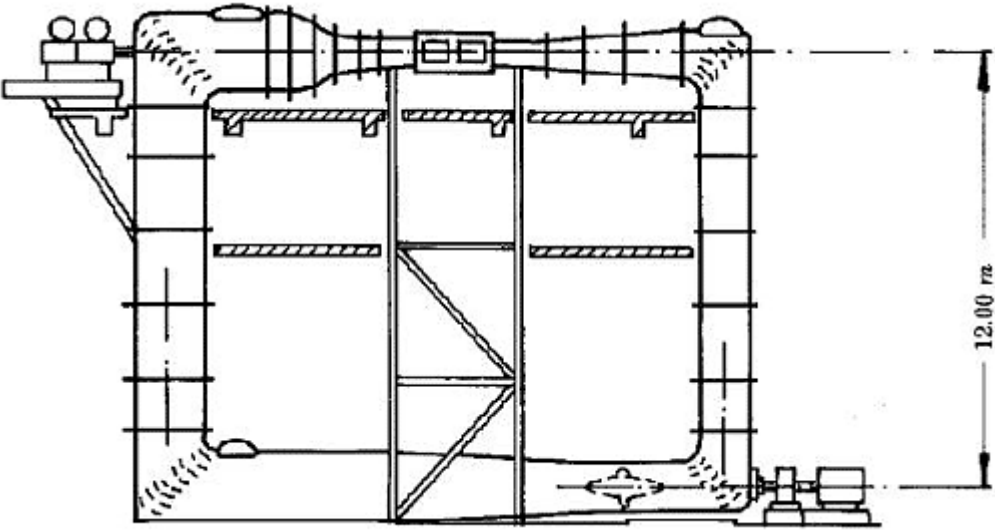


Name of organization Hamburgische Schiffbau-Versuchsanstalt GmbH (HSVA)		Year of information updating 2016
Year established 1913		Year of joining the ITTC since its foundation
Address Bramfelder Strasse 164, 22305 Hamburg		Status in the ITTC Advisory council member
Contact details (phone, fax, e-mail) Phone: +49 40 69203 0 Fax: +49 40 69203 345 Email: info@hsva.de		Website www.hsva.de
Type of facility Cavitation tunnel	Year constructed/upgraded 1960	
Name of facility Large high speed cavitation tunnel	Location (if different from the above address)	
Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top) Closed type cavitation tunnel		
Drawings of facility		
		
Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.) Kempf & Remmers type K16 Circular test section: 2.25 m x 0.75 m (L x D) Max. velocity: 19.5 m/s Max propeller speed: 75 1/s Dynamometer 1: Mechanical, upstream with horizontal shaft, 130 kW Dynamometer 2: Strain gauges, downstream, inclined shaft up to 12°		

Applications (Tests performed)

Propeller open water tests

High speed tests

CR propeller tests

Partial rudder tests

Published description (Publications on this facility)

www.hsva.de