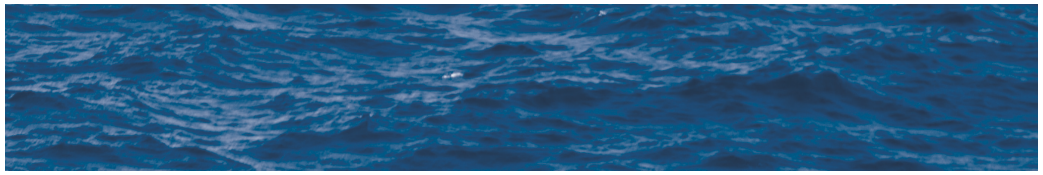


Distributor

SEA-TEK

Elgtrekket 1, 1820 Spydeberg, Norway
Tel (+47) 69 83 33 50 Fax (+47) 69 83 33 51
mail@sea-tek.no

DOEN WATERJETS PTY LTD

33 Venture Way, Braeside 3195
Victoria, Australia

Tel (+613) 9587 3944 Fax: (+613) 9587 3179
inquiries@doen.com

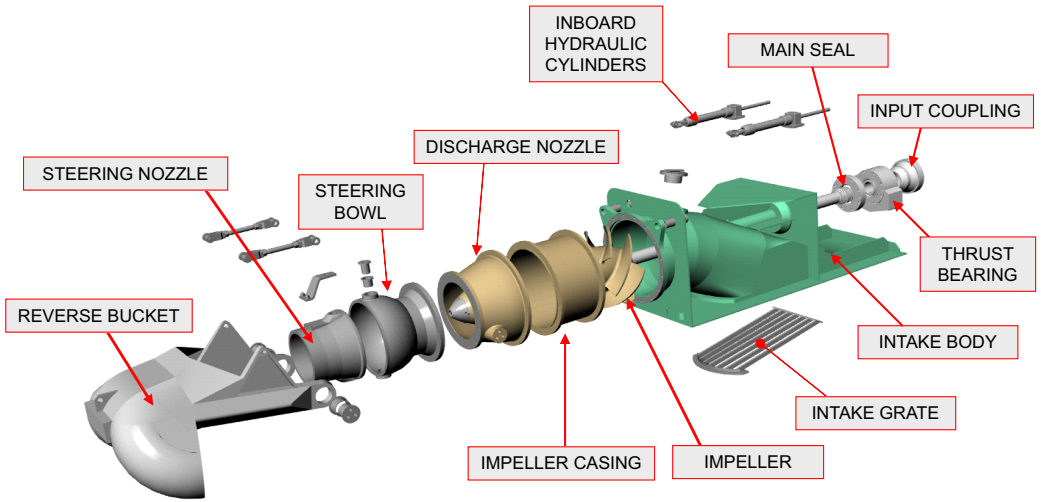
www.doen.com

DOEN WATER JETS

Performance Reliability Simplicity

200/300 SERIES MODEL RANGE

200/300 SERIES - PRODUCT FEATURES



The **DOEN 200/300 Series** range of models can be matched to engines from 400kW to 4000kW. These high performance units are specially designed and built for continuous commercial use and to meet the exacting standards of marine classification societies. They can be installed as single or as multiple jets in fiberglass, aluminium or steel hulls. They can also be supplied as booster jets.

The prefabaricated duct is manufactured from Aluminium or Steel plate material resulting in an extremely strong and lightweight structure. The duct is supplied ready to weld or bolt in (vessels). Custom designs are possible to optimise vessel performance and to improve installation and machinery interfacing.

The **200/300 Series** waterjet is manufactured using only Corrosion resistant materials. **The impeller, impeller casing and discharge nozzle are manufactured from stainless steel** to provide maximum service life in the most arduous operating environment with extreme resistance to erosion, corrosion and cavitation. The balance of the waterjet is manufactured from marine grade aluminium. This combination of materials provides a new and unique alternative to operators at a very competitive price.

A **CAN BUS** based electronic control system provides a fully integrated multi-station waterjet, engine and marine gear control. The system also provides alarm, monitoring, back up and emergency control function.

eDOCK multi function electronic joystick for single lever vector control and close quarter docking is available.

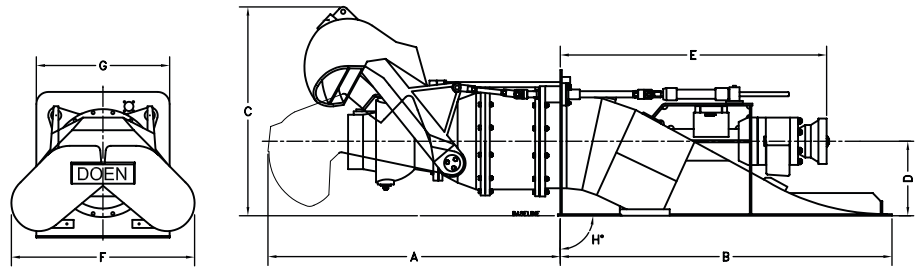
eDOCK joystick control

200/300 SERIES - SPECIFICATION TABLE

		DJ200	DJ220	DJ260	DJ290	DJ330	DJ350
Power Range kW [1] (hp)		1000 (1340)	1150 (1540)	1600 (2145)	2000 (2680)	2750 (3690)	3200 (4290)
Max.Rpm		1650	1525	1290	1160	1020	960
Weight Kg (lbs)	Dry [2]	875 (1930)	1050 (2315)	1700 (3750)	2340 (5160)	3250 (7165)	3650 (8050)
Construction	Intake Duct	Aluminium Plate OR Mild Steel					
	Main Shaft	Stainless Steel SAF2205 (S/S)					
	Impeller	Stainless Steel casting (S/S)					
	Imp. Housing	Aluminium + (S/S)		Stainless Steel (S/S)			
	Stator	Aluminium		Stainless Steel (S/S)			
	Steering Nozzle	Aluminium Casting					
	Reverse Duct	Aluminium Casting + Aluminium Plate					
Dimensions [3] (mm)	A	1420	1855	1980	2205	2430	2430
	B	1935	2080	2520	2835	3505	3505
	C	1015	1290	1365	1565	1755	1755
	D	430	460	540	600	685	685
	E	1550	1670	1940	2195	2550	2630
	F	1100	1200	1470	1700	2040	2040
	G	830	840	950	1040	1250	1250
	H	90° [4]	90°	90°	90° [4]	90° [4]	90° [4]
Mounting Method		Pre-Fab.					

Note		
	(1)	Maximum Rec. Continuous Power, Higher Sprint Rating Possible
	(2)	Includes Std. Reverse Control System - Excludes Entrained Water
	(3)	Typical only - not to be used for construction purposes
	(4)	Standard Stated - Custom Shaft angles also available for this model

DOEN PREFABRICATED INTAKE MOUNTING SYSTEM



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