



CHB - TORPEDO POD DRIVES MODELS TD1-5 THRU TD1-15 TECHNICAL SPECIFICATION DATA

MODEL - POWER	TD1-5	TD1-7.5	TD1-10	TD1-15		
MODEL - POWER	TD1-5	TD1-7.5	TD1-10	TD1-15		
POD TYPE	SINGLE WHEEL WITH NOZZLE	SINGLE WHEEL WITH NOZZLE	SINGLE WHEEL WITH NOZZLE	SINGLE WHEEL WITH NOZZLE		
CONTINUOUS OPERATION RATING	5 HP (3.7 KW) AT 3450RPM	7.5 HP (5.5 KW) AT 3450RPM	10 HP (7.5 KW) AT 3450RPM	15 HP (11.0 KW) AT 3450RPM		
POD RPM OPERATING RANGE	1725 TO 3450 RPM	1725 TO 3450 RPM	1725 TO 3450 RPM	1725 TO 3450 RPM		
POD MOUNTING	CASING O.D.	CASING O.D.	CASING O.D.	CASING O.D.		
MATERIAL OF CONSTRUCTION	POD BODY CASING 300 STAINLESS STEEL	POD BODY CASING 300 STAINLESS STEEL	POD BODY CASING 300 STAINLESS STEEL	POD BODY CASING 300 STAINLESS STEEL		
WHEEL (PROPELLER) SIZE / TYPE	9 INCH (229 MM) DIA. FOUR BLADE KAPLAN	10 INCH (254 MM) DIA. FOUR BLADE KAPLAN	11 INCH (279 MM) DIA. FOUR BLADE KAPLAN	12 INCH (305 MM) DIA. FOUR BLADE KAPLAN		
WHEEL (PROPELLER) MATERIAL	MANGANESE BRONZE	MANGANESE BRONZE	MANGANESE BRONZE	MANGANESE BRONZE		
NOZZLE TYPE	PROPRIETARY MARINE PROPULSION DESIGN	PROPRIETARY MARINE PROPULSION DESIGN	PROPRIETARY MARINE PROPULSION DESIGN	PROPRIETARY MARINE PROPULSION DESIGN		
ELECTRIC POWER REQUIREMENTS	230 V, 1 PH, 60 HZ STANDARD	230 V, 1 PH, 60 HZ STANDARD	230 V, 1 PH, 60 HZ STANDARD	230 V, 1 PH, 60 HZ STANDARD		
NOMINAL STATIC BOLLARD THRUST	104 LBF±	148 LBF±	188 LBF±	275 LBF±		
NOMINAL POD WEIGHT	125 LBM±	135 LBM±	145 LBM±	155 LBM±		
OVERALL LENGTH - "A"	36.71"	38.31"	40.96"	43.41"		
BODY O.D. - "B"	5.50"	5.50"	5.50"	5.50"		
NOZZEL O.D. - "C"	11.35"	12.35"	13.35"	14.35"		
CONE LGTH. - "D"	6.63"	6.63"	6.63"	6.63"		
BODY LGTH. - "E"	23.01"	25.62"	28.27"	30.72"		
NOZZEL LGTH. - "F"	6.00"	6.00"	6.00"	6.00"		
	X	X	X	X		

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CHB MARINE ELECTRIC POD DRIVES
 POD DRIVE DIMENSIONAL & SPECIFICATION SHEET
 CAROLINA HOUSEBOATS, dba
 3009 IMPERIAL OAKS DRIVE
 RALEIGH, NC 27614
 TORPEDO POD DRIVES TD1-5 TO -15

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 Drwn EAO CHKD EAO
 Revisions

Sheet	TD1 MODEL
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