BILGE-BALLAST-CARGO EJECTORS E200 Series

Ejector is a device which effectively utilizes the pressure energy in a flowing fluid to evacuate, entrap/suck other fluid and discharge it to a point as needed in a system.

Ejector technology is applied to design stripping ejectors which is very widely employed in ships / cargo vessels / boats for variety of **stripping application**.

Primetech offers complete range for of stripping ejectors to meet the requirements of shipping industry.

Primetech has In- house design, Manufacture & performance test capabilities for complete range of **stripping ejectors**.

The **stripping Eductors** (ejectors) are used to pump out / strip **ballast**, **bilge**, **cargo** or other spaces in a Ship that need to be pumped out on regular basis.

E200 Series Standard model **Ejectors** are custom designed with their internal details to meet varying pumping applications.

Ship engine room bilge pump out.

Bilge pump out.

Ballast pump out.

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MOTIVE INLET HIGH PRESSURE SEA WATER ENTERS EDUCTOR. MOTIVE NOZZLE HIGH PRESSURE WATER IS CONVERTED INTO A HIGH VELOCITY JET. SUCTION CONNECTION BILGE (OR) BALLAST WEATER IS SUCKED IN TO EJECTR EDUCTOR BODY THE BODY IS A VACUUM REGION CREATED BY THE HIGH VELOCITY WATER JET. VENTURI TAIL VELOCITY ENERGY IN THE JET STREAM IS CONVERTED TO DESCHARGE PRESSURE. DISCHARGE BILGE OF BALLAST WATER IS DISCHARGED Application Main & secondary drainage pumping. Cargo oil pump out • Spud can drain out The Ballast pump out /pump in



Special Application

PT-E200 Series has provision to add wear sleeve (Removable Wear Lining For Abrasive Fluids)

- Pumping drilling mud
- Pumping cement

Body						Bronze, Gun metal, Stainless steel-316, Carbon steel.				
Nozzle					MONE	MONEL /SS316				
Fasteners					SS316	SS316				
Gaskets						Oil resistant rubber				
Advantages of PT E200 Series						End Connection				
Auvantages of PT-E200 Series										
 No routine maintenance. It is self priming. Maintenance free Custom designed to meet requirements of each specific application. 										
Ejector – Data Table										
Model		Capacity [*] m ³ /hr	Inlet size	Suction size	Discharge size	Dim-A mm	Dim-B mm	Dim-C mm	Dim-D mm	
E202.5	Α	50	65NB (2 ½")	100 (4")	100 (4")	600	130	470	140	
	В	100	65NB (2 ½")	100 (4")	100 (4")	700	130	600	140	
	С	150	65NB (2 ½")	100 (4")	100 (4")	850	130	725	140	
E204	A	165	100NB (4")	150 (6")	150 (6")	930	180	750	180	
	B	175	100NB (4")	150 (6")	150 (6")	1100	180	920	180	
50004	C	200	100NB (4")	150 (6")	150 (6")	1300	180	1120	180	
E206A	A	250	150NB (6")	200 (8")	200 (8")	1080	180	900	200	
50005	В	350	150NB (6")	200 (8")	200 (8")	1400	180	1220	200	
E206B	C	640		<u>200 (8)</u>	<u>200 (8)</u> 200 (8")	1500	180	1380	200	
E208		400	∠UUNB (δ)	200 (δ) 250 (10")	<u>200 (δ)</u> 250 (10")	1/90	200	1090	200	
E2010A		000	250NB (10)	250 (10) 250 (10")	250 (10)	2000	230	2370	200	
E2010B		1375	300NB (12")	250 (10)	350 (14")	2650	250	2400	325	
		1010	500ND (12)	JJU (1 4)	JJU(1 4)	2000	200	2400	525	



* Capacity of eductor varies based on operating conditions such as

- Motive pressure
- Suction lift
- Discharge pressure
- Specific gravity of liquids

Please indicate above data in your enquiry to select appropriate model.



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