Gruppo Aturia

aturia Rotos Marelli ABC AUDOLI & BERTOLA ARIS CHIAPPA POMPE CEAPELLI Since 1904 Italy FINDER



Rotos

Industry

Applications

Power Generation



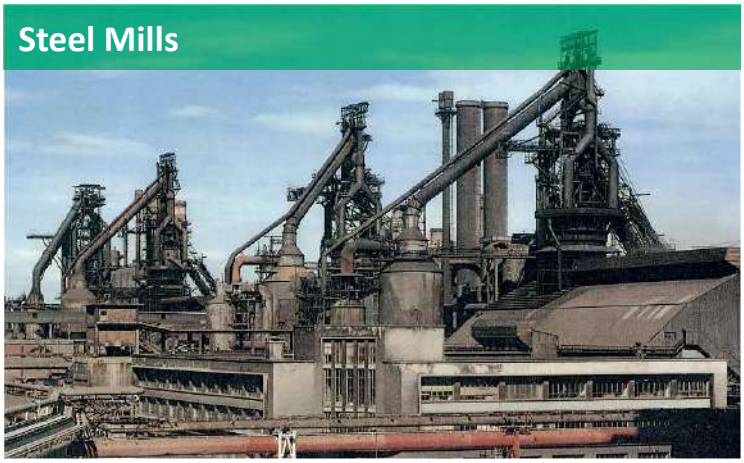


Chemical & Pharma





Steel Mills





Marine





ISO Single Stage

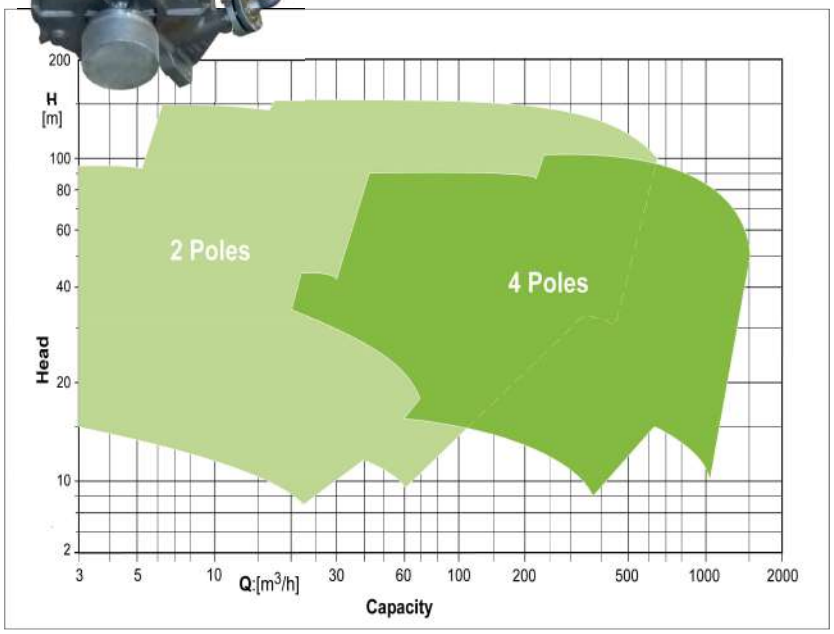
ND series are Single stage centrifugal pumps with hydraulically balanced impeller, simple volute casing with end suction and top radial delivery.
The impellers, developed to be highly efficient, guarantee the most economic service.
Flanges available on request both UNI PN16 or ANSI 150RF.
Pumps are also available in Vertical configuration (**NDV / VND**).

Capacity	*[m³/h]*	from 2 to 1.300
Head	*[m]*	up to 140
Power	*[kW]*	up to 200
Poles		2 - 4
Temperature	*[C°]*	max. 130
Design Pressure	*[bar]*	20













Vertical for Lube Oil Service

VAL series are vertical mixed flow multistage Lube Oil pumps, designed for the lubrication of the large two-stroke diesel engines, installed on container vessel.



Capacity	*[m³/h]*	from 80 to 2.000
Head	*[m]*	up to 150
Power	*[kW]*	up to 400-4p-60Hz
Temperature	*[C°]*	max. 100
Design Pressure	*[bar]*	16





Vertical In-Line for Ballast Service

Ballast Pumps is double suction, between bearings, radially split, vertical in-line centrifugal pump for Marine Ballast service.
Main Engine Jacket Cooling Pumps are single suction , between bearings, radially split, vertical in-line centrifugal pump for Marine Jacket Cooling services.

		BALLAST	JACKET COOLING
Capacity	*[m³/h]*	up to 1.600	up to 750
Head	*[m]*	45	31,5
Poles		4	4
Design Pressure	*[bar]*	10	10



Submersible for Navy

In 1967 Gruppo Aturia obtained approval from the Italian Navy for the supply of electric pumps for onboard services (fire, exhaust, and bilge).
In collaboration with FINCANTIERI, Aturia has supplied over 600 pumps for onboard services to the Italian Navy and to foreign Navies.



BILGE
Fixed Submersible
Electric Pumps
ME150 – ME250
Exhaustion Service



PORTABLE
Portable Submersible
Electric Pumps
ME125
Exhaustion Service

		ME150/140/1212	ME250/300/3028
Capacity	*[m³/h]*	200	400
Head	*[m]*	16	16
Speed		3.600	1.750
Frequency	*[Hz]*	60	60



FIRE FIGHTING
Multistage Submersible
Electric Pumps
P1216DG-ES4R
Exhaustion Service

Vertical for Gas & Steam Turbine Lubrication

CNV & CVTG series are single stage submerged pumps, vertical shaft, with support plate and vertical motor.
Pumps for steam and gas turbine applications.





Capacity	*[m³/h]*	from 2 to 1.300
Head	*[m]*	up to 140
Power	*[kW]*	up to 200-2/4poles
Temperature	*[C°]*	max. 130
Design Pressure	*[bar]*	16



Magnetic Drive Seal-Less

Since 2005, **Gruppo Aturia** has developed this extensive program of pumps for industry with a new complete line of **Seal-Less Magnetic Drive Pumps**.
High qualified technical office and high specialized people, with more than 20 years experience, has designed and continues to develop 100% of the products, from hydraulic ends to proprietary magnetic couplings.



NDM

Discharge Nozzle	*[DN]*	32 up to 100	
Poles		2	4
Capacity	*[m³/h]*	8-200	3-100
Head	*[m]*	up to 90	up to 25
Max. Pressure	*[bar]*	16	
Max. Temperature	*[C°]*	300	
Frequency	*[Hz]*	50- 60	



SDM

Discharge Nozzle	*[DN]*	3/4" up to 1½"
Poles		2
Capacity	*[m³/h]*	up to 30
Head	*[m]*	up to 30
Max. Pressure	*[bar]*	16
Max. Temperature	*[C°]*	200
Frequency	*[Hz]*	50- 60



PCM / PCM-SP

Discharge Nozzle	*[DN]*	32 up to 100	
Poles		2	4
Capacity	*[m³/h]*	1-400	1-80
Head	*[m]*	4-45	1-11
Max. Pressure	*[bar]*	10	
Max. Temperature	*[C°]*	100	
Frequency	*[Hz]*	50- 60	



STM

Discharge Nozzle	*[DN]*	32 up to 100	
Poles		2	4
Capacity	*[m³/h]*	up to 10	up to 5
Head	*[m]*	up to 80	up to 25
Max. Pressure	*[bar]*	16	
Max. Temperature	*[C°]*	300	
Frequency	*[Hz]*	50- 60	



PTM / PTM-SP

Discharge Nozzle	*[DN]*	3/4" up to 1½"
Poles		2
Capacity	*[m³/h]*	up to 13
Head	*[m]*	up to 55
Max. Pressure	*[bar]*	10
Max. Temperature	*[C°]*	100
Frequency	*[Hz]*	50- 60



SVM

Discharge Nozzle	*[DN]*	3/4" up to 1½"
Poles		4
Capacity	*[m³/h]*	up to 2,2
Head	*[m]*	up to 14
Max. Pressure	*[bar]*	10
Max. Temperature	*[C°]*	300
Frequency	*[Hz]*	50- 60

Vacuum Liquid Ring

Liquid Ring Vacuum Pumps in its wide range can support to OEM and System Integrators in supply large industrial units/skids.



Pump Model		**MEX - LEX - DEX**
Capacity	*[m³/h]*	up to 1.800
Suc. Pressure	*[mbar]*	up to 300





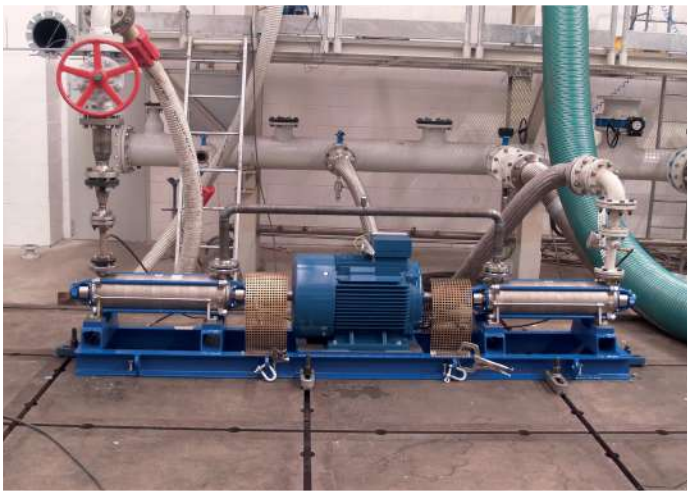
Pump Model		**CDS**	**NP**
Capacity	*[m³/h]*	up to 900	up to 3.800
Suc. Pressure	*[mbar]*	up to 300	

In the Test Rooms









Gessate (Milano)



20.000 sqm

Merate (Lecco)



7.000 sqm

Taglio di Po (Rovigo)



5.000 sqm

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