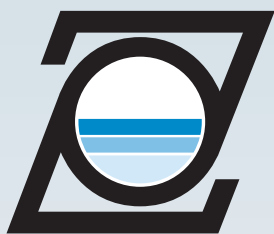


DAGSO

P U M P S



POMPE ZANNI®

VIESSE



POMPE • ITALIA

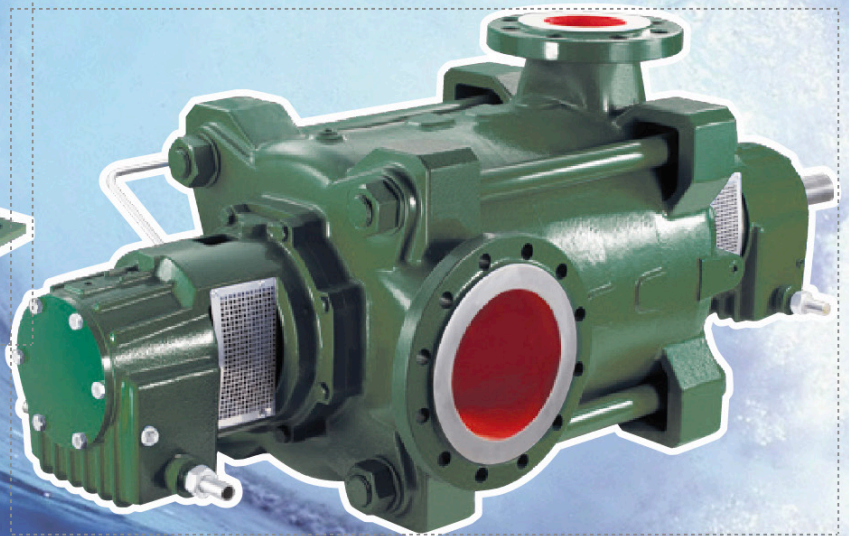
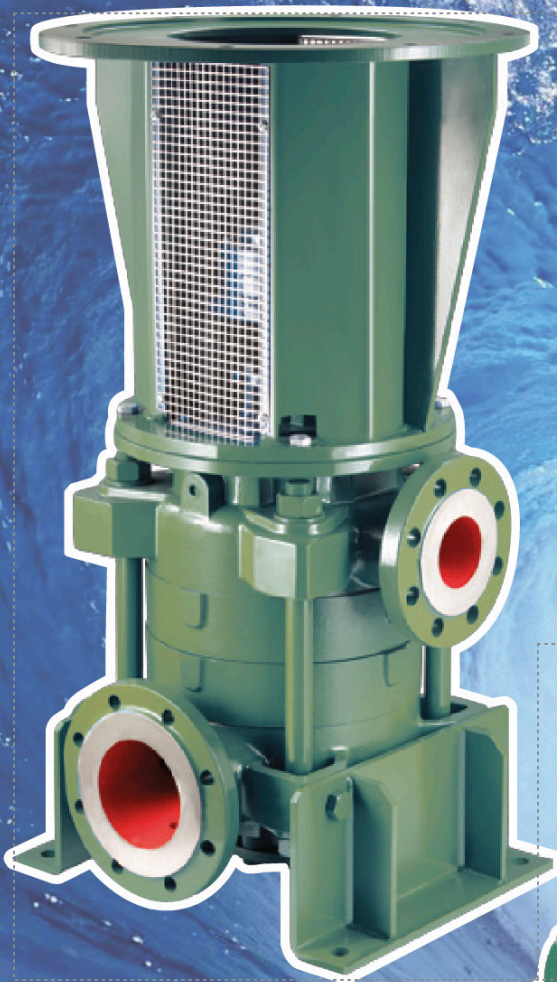
ROBUSTA

Hydraulic System



Multistage centrifugal Pumps

HM
HMM
HMR
HMV
HMVM





Working features

CAPACITY (Q): up to **800 m³/h (220 l/s)**

HEAD (H): up to **1000 m**

OPERATING PRESSURE (P): up to **100 bar**

OPERATING TEMPERATURE (T): .. from **-20° C** to **+180° C**

SPEED: up to **3600 rpm**

STANDARD FLANGES: **UNI/DIN**

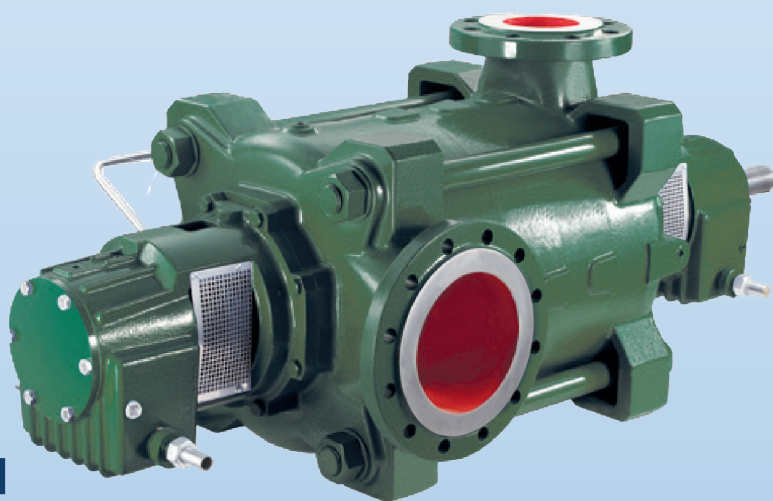
SUCTION INLET: **DN 40-250**
PN 16-25

DISCHARGE OUTLET: **DN 25-150**
PN 64-100

MAX WORKING TIME AT CLOSE INLET:

with liquid at 90°C: **0 minutes**

with liquid at 40°C: **RPM 1500, 5 minutes**
RPM 3000, 2 minutes



HM
HMM
HMR



HMV
HMVM

POMPE ZANNI®



SPLIT CASE PUMPS
POMPE SPLIT CASE
POMPES A PLAN DE JOINT



- Capacity 20000 m³/h
- Pressure Head 230 m
- Power 15÷160 kW
- Pressure ≤ 50 bar
- Liquid temp. -15 +200°C
- Sand/solids suspension .. 4 %
- Diesel / electric 2980 rpm
- Electric freq. 50 / 60 Hz

Application

Clean water or medium similar to water in physical and chemical properties:

Water supply, drainage, irrigation, power station, construction.

Hydropower station, fire-fighting, air-conditioning, building industry.

Marine applications, all kinds of water for industrial processes.

Abrasive medium:

Sand water, oxide scale water, others.

Corrosive medium:

Desalination, bittern, sea water, others.

High temperature medium: Heating network circulating water, all kinds of chemical liquid.

POMPE ZANNI®

Casing

In-line axially split design which permits removal of the complete rotor without moving the pipe and motor. Short distance between bearings.
 Leak-tight due to compact joint flange with long, pre-stressed bolts.
 Counter-rotation possible with similar parts.
 Double volute casing reduces radial forces on the impeller and consequently the bearing loads.
 Easy mounting self-aligning upper casing.
 Flange drilled to ISO, DIN, BS or ANSI.
 Smooth surface inside and epoxy coating as required.
 Replaceable wear rings protect the casing at the impeller running clearances.
 Heavy duty casing design for high working pressure

Impeller

Computer-optimized double entry impellers. Minimal axial thrust due to double-entry impeller. Impeller is statically and dynamically balanced according to ISO1940.

Seal

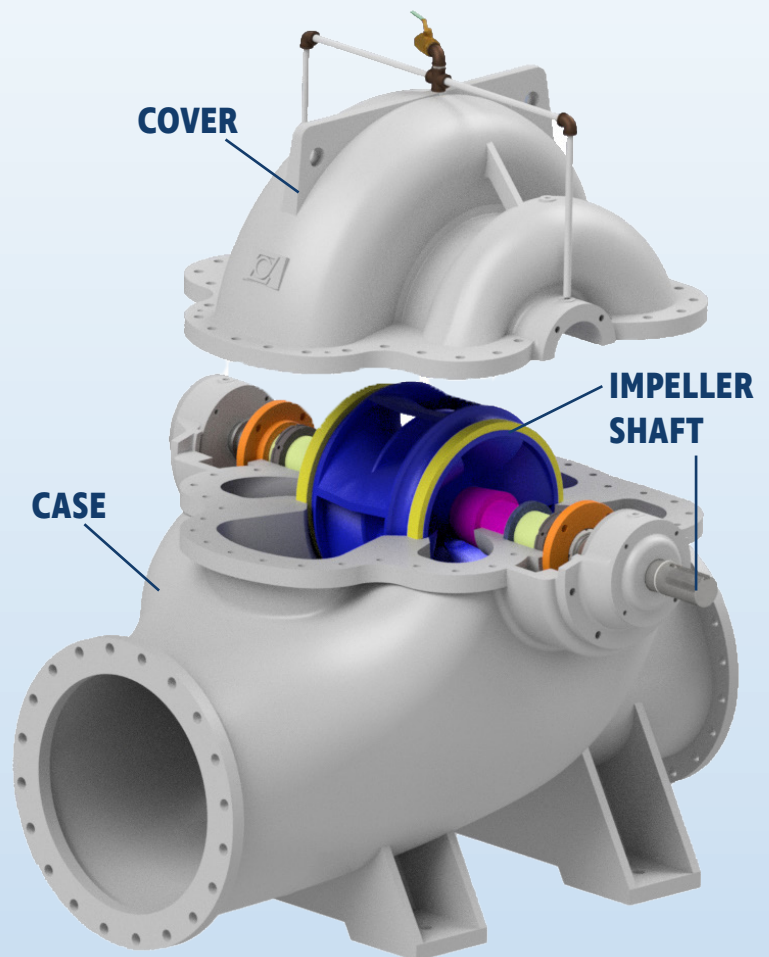
Asbestos-free, potable water quality softpacked stuffing boxes.
 Unbalanced mechanical seal, according to DIN 24960.
 Balance mechanical seal for operating pressure >16 bar on required.
 Cartridge-type mechanical seal on required.

Bearing

Grease lubricated ball bearings for service life at both ends of the pump, and cylindrical roller bearing at drive head of the pump for bigger models.
 Open gland, enough space for service activities. Optional: oil lubrication with constant level oiler.

Shaft

Heavy duty shaft completely sealed and dry for zero corrosion.
 Short and rigid with negligible vibrations. Replaceable shaft protecting sleeves.
 No threads exposed to pumped medium, long operating life and no corrosion.
 Adjustment-free assembly.
 Quick and easy assembly/dismantling of the rotor components due to elastically prestressed mountings.



	INSIDE	OUTSIDE
Pre-treatment	Blasting (2 times)	
Primer coating	Epoxy zinc-rich primer	
Finish coating	Wet parts use the Interzone 954 or Epoxy zin-rich primer	Acrylic enamel Normal PZSC: RAL7012 (grey) Fire-Fighting Pump: RAL3000 (Red)

Note: Super light energy saving coating, wear-resistant coating, anti-corrosion coating and other are available according to the different medium, application, customer requirements and the coating is extra charged.

POMPE ZANNI®

ISO 9906 - Grade 3B



VERTICAL AXIS CENTRIFUGAL PUMPS

6"-7"-8"-10"-12"-14"-16"-22"



- Capacity 399 m³/h
- Pressure Head 160 m
- Power 18.5÷120 kW
- Liquid temp. 30°C
- Sand/solids susp. 40 g/m³
- Diesel / Electric 3000 rpm
- Electric freq. 50 / 60 Hz

MAX. LIMITS



VERTICAL AXIS ELEKTROPUMP (Stainless Steel/Cast-iron)

4"-6"-8"-10"

- Capacity 280 m³/h
- Pressure Head 505 m
- Power 5÷185 kW
- Liquid temp. 45°C
- Sand/solids susp. 40 g/m³
- Electric (50-60Hz) 4600 rpm
- For non-aggressive liquid

MAX. LIMITS



POMPE ZANNI®

ISO 9906 - Grade 3B



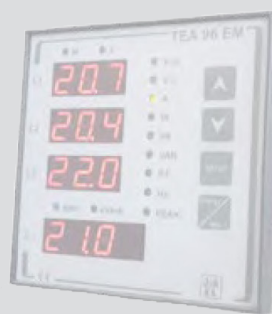
NORMALIZED AXIS CENTRIFUGAL PUMPS



- Capacity 3500 m³/h
- Pressure Head 140 m
- Power 500 kW
- Pressure 16 bar
- Liquid temp. 140°C
- Sand/solids susp. 50 g/m³
- Diesel / electric 2900 rpm
- Electric freq. 50 Hz

MAX. LIMITS

QUALITY TESTED AND CERTIFIED IN CONFORMITY WITH INTERNATIONAL STANDARDS

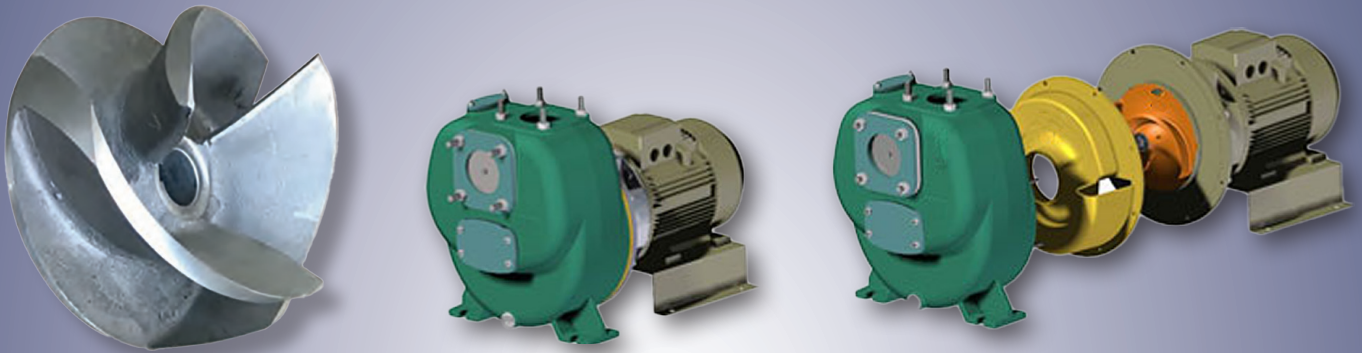


STANDARDS:
UNI EN ISO 9001:2015
UNI EN ISO 9906:2012



ROBUSTA

**Eine Pumpe auf die Sie sich
verlassen können...**



Das ROBUSTA Konzept:

**Zwischen
Pumpengehäuse
und Motor
separates
Verschleißteil**

**Doppelt
gekrümmtes
LaufRad**

**Extra
harte
Werkstoffe**



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