

TBA Series

These pumps derive from the TBH series with an additional centrifugal stage at the suction side. Pumps TBA have extremely low NPSH requirements and are particularly suitable for handling boiling liquids and difficult applications.

This design is especially suited to handle liquids with entrained gases and liquefied gases such as LPG.

TBA series have performances, design and duty characteristics as the TBH series.

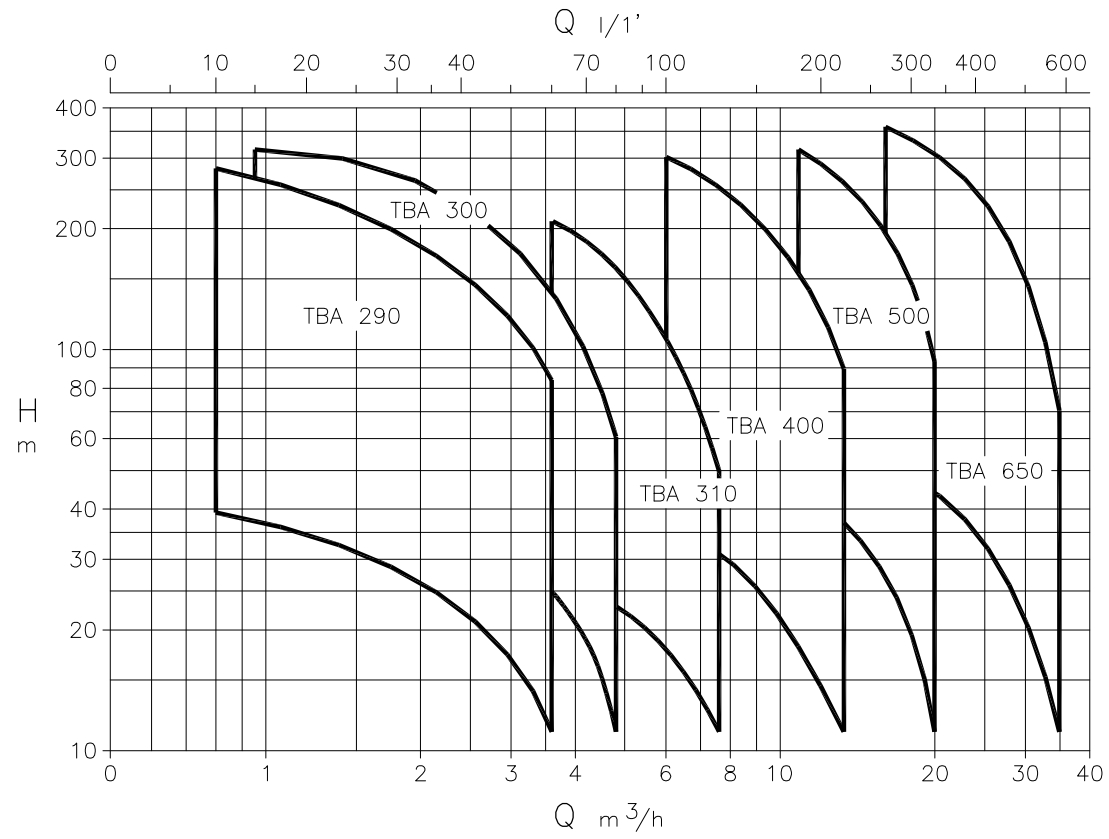
Pump components are interchangeable thus reducing the need to stock spare parts for both series.

CONSTRUCTION

The self-priming pumps series TBH and TBA utilize the lateral channel principle. The open "star" type impeller, is hydraulically balanced and enclosed between the suction and discharge port plates to form the pumping stage.

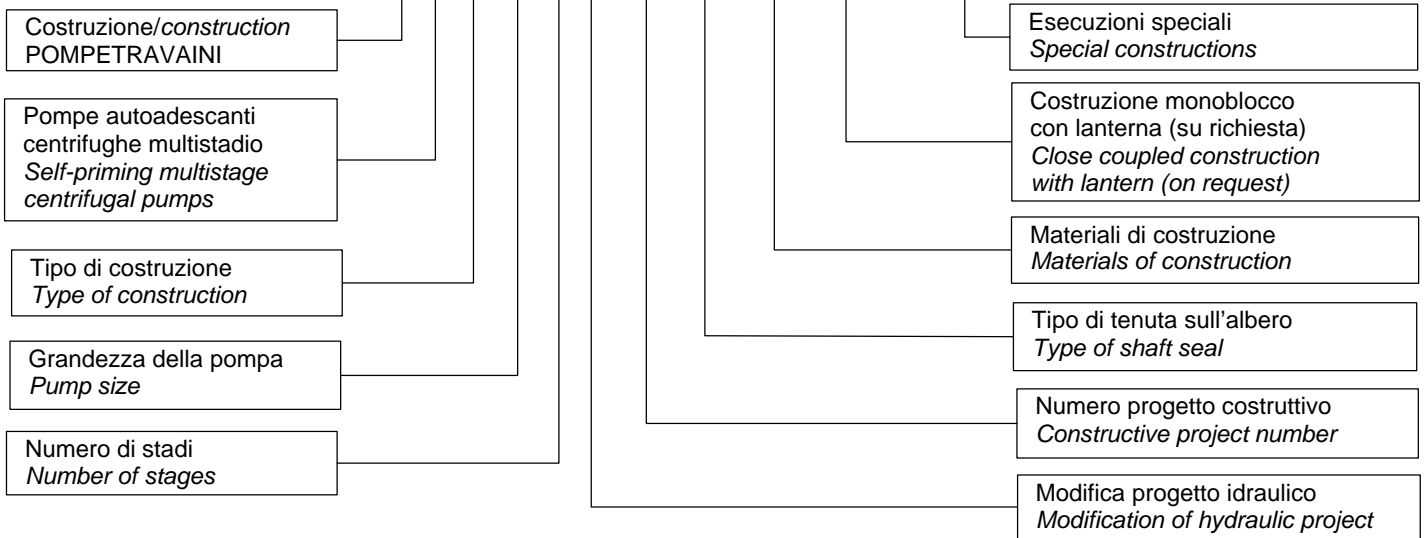
Stages are mounted in series to give proportional higher discharge pressures with constant capacities.

The magnetic drive pumps series TBK and TBAK derive from the series TBH and TBA. They are suitable to handle hazardous, toxics, odorous or polluting liquids and other applications where zero liquid leakage is desired.



PART NUMBER

T B A 31 5 A / 1 - R / A3 - M / T - Z -....



MATERIALS

VDMA N°	Descrizione <i>Description</i>	GH	RA	A3	B2	GP
106 107	Corpo aspirante e premente <i>Suction and discharge casing</i>	Ghisa sferoidale <i>Ductile iron</i>			Bronzo <i>Bronze</i>	Ghisa sferoidale <i>Ductile iron</i>
109 114 149	Elemento e diffusore <i>Port plate and diffuser</i>	Ghisa <i>Cast iron</i>				Ghisa <i>Cast iron</i>
210	Albero <i>Shaft</i>	AISI 420 <i>Stainless steel</i>	AISI 316 <i>Stainless steel</i>			AISI 420 <i>Stainless steel</i>
230	Girante <i>Impeller</i>	Ottone <i>Brass</i>			Bronzo <i>Bronze</i>	Ottone <i>Brass</i>
310 310.1	Bronzina diffusore <i>Diffuser bushing</i> Bronzina elemento <i>Element bushing</i>	Bronzo <i>Bronze</i>	Grafite <i>Graphite</i>			
357	Scatola cuscinetto e tenuta mecc. <i>Bearing and mech. seal housing</i>	Ghisa <i>Cast iron</i>				