

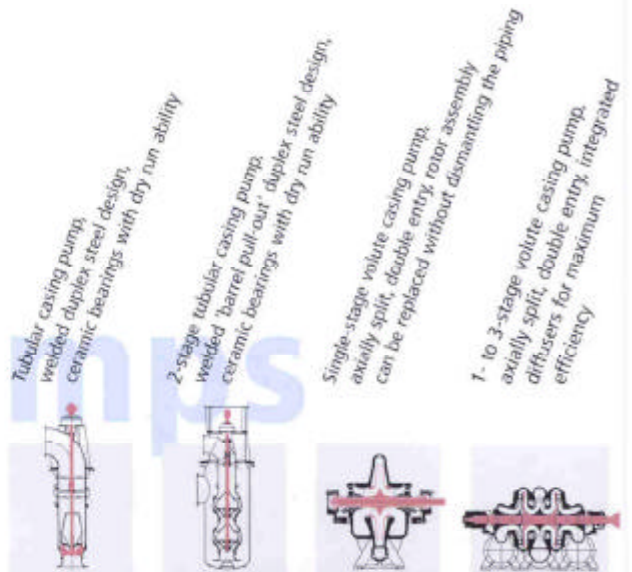
PRODUCT OVERVIEW



Pumps and valves for seawater desalination systems

KSB – the proven choice for state-of-the-art plant engineering

- Modular products help us to provide the optimum match for your system's requirements.
- Well-proven designs and high-grade materials ensure our products' long service life.
- Full-load performance tests at the factory guarantee our pumps' operating reliability.
- Precise, computer-aided design and selection of products to suit system conditions reduce life-cycle-costs.



Process	Pump types	SEZ	SEZT	RDLO Omega	RDLP
	Application				
MSF	Seawater supply	●			
	Brine recirculation		●		
	Brine blowdown		●		
	Seawater recirculation		●	●	
	Distillate extraction			●	
	Brine heater condensate				
	Town water pump			●	●
MED	Seawater supply	●		●	
	Brine blowdown			●	
	Distillate extraction			●	
RO	Seawater supply	●		●	
	Pre-cleaning system			●	
	High-pressure pump				
	Performance range				
	Capacity (m ³ /h) up to	65,000	18,000	18,000	18,000
	Head (m) up to	38	95	200	750

Valves

Volute casing pump in back pull-out design

Vertical multistage barrel pull-out pump, discharge nozzle above- or underfloor, double entry, low NPSH values

Horizontal multistage pump, corrosion-resistant materials (incl. duplex steel), HGM-RO with internal, medium-lubricated plain bearings

Soft-seated, symmetric butterfly valve, with various types of actuators, various body types, maintenance-free

Soft- or metal-seated double-offset butterfly valve, maintenance-free, with various types of actuators

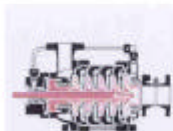
Maintenance-free diaphragm valve, with or without body lining



SPY
Etanorm
CPK



WKT
WKTA



HGM-RO
HG
Multitec

Valve types



Isoria
Aquisoria
Mammouth



Danais



Sisto

	SPY Etanorm CPK	WKT WKTA	HGM-RO HG Multitec	Isoria Aquisoria Mammouth	Danais	Sisto
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Performance range

21,600	3,200	2,500	Nom. diameter (mm)	40 - 3,200	50 - 600	15 - 200
185	350	1,000	Rated pressure (bar)	25	50	16



● Production ● Sales

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Our team of engineers will be pleased to help you.



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