

At a glance

The EDUR Pump Matrix



Series	NUB	CB	BC	LB	VB	NH	Z	LUB	CV	FUB	CBF	S	SUB	E	PBU	LB	NH	LB	PBM	LBM	NHM	NMB	NMB	LBM	NHM	CTOL
Type of construction	Single Stage Close-Coupled Pumps			Multistage Centrifugal Pumps				Inline Pumps		Torque Flow Pumps		Self-Priming Centrifugal Pumps			Multiphase Pumps		Liquefied Gas Pumps		Magnetically Coupled Pumps				Refrigerant Pumps			Submersible Pumps
max. Flow rate	600 m³/h	240 m³/h	15 m³/h	65 m³/h	65 m³/h	170 m³/h	65 m³/h	220 m³/h	120 m³/h	390 m³/h	100 m³/h	300 m³/h	170 m³/h	7 m³/h	14,5 m³/h	60 m³/h	170 m³/h	60 m³/h	3,5 m³/h	65 m³/h	170 m³/h	600 m³/h	600 m³/h	65 m³/h	170 m³/h	300 m³/h
max. Head	98 m	98 m	78 m	300 m	300 m	300 m	299 m	66 m	342 m	55 m	61 m	165 m	66 m	139 m	145 m	250 m	300 m	300 m	130 m	300 m	290 m	98 m	98 m	300 m	290 m	55 m
max. Operating pressure	16 bar	10 bar	8 bar	40 bar	30 bar	40 bar	30 bar	10 bar	35 bar	16 bar	10 bar	16 bar	16 bar	15 bar	16 bar	40 bar	40 bar	40 bar	16 bar	40 bar	40 bar	16 bar	16 bar	40 bar	40 bar	16 bar
max. Temperature	-50 °C to 140 °C	-25 °C to 110 °C	-20 °C to 110 °C	-50 °C to 160 °C	-40 °C to 140 °C	-50 °C to 140 °C	-40 °C to 160 °C	-40 °C to 140 °C	-30 °C to 140 °C	-50 °C to 180 °C	-25 °C to 110 °C	-40 °C to 110 °C	-25 °C to 110 °C	-40 °C to 110 °C	-40 °C to 140 °C	-50 °C to 140 °C	-50 °C to 110 °C	-50 °C to 110 °C	-40 °C to 220 °C	-50 °C to 220 °C	-50 °C to 140 °C	-50 °C to 140 °C	-50 °C to 140 °C	-50 °C to 220 °C	-50 °C to 140 °C	-25 °C to 90 °C

Typical Applications

Demineralized water	✓	✓	✓	✓					✓										✓	✓		✓				
Cooling water	✓	✓	✓					✓				✓	✓	✓												
Refrigerants																							✓	✓	✓	
Coolants	✓	✓	✓	✓	✓	✓	✓	✓																		
Liquefied gases												✓					✓	✓	✓	✓	✓	✓				
Hydrocarbons	✓									✓																✓
Water-based cleaners	✓	✓							✓	✓	✓															✓
Boiler feed water				✓	✓	✓	✓		✓																	
Conveyance of media with solids										✓	✓															
Conveyance of gas contents																✓	✓									

Sealing Systems

Single-acting mechanical seal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
Double-acting mechanical seal	✓	✓		✓	✓	✓				✓	✓	✓	✓		✓	✓	✓	✓								
Magnetic coupling	✓			✓		✓											✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Materials

Grey cast iron	✓			✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓	✓		✓		✓	✓	✓		
Nodular cast iron	✓			✓		✓	✓			✓		✓	✓			✓	✓	✓		✓	✓	✓	✓	✓	✓	
Bronze	✓			✓		✓	✓						✓	✓		✓	✓	✓		✓		✓	✓	✓		
Stainless steel	✓	✓	✓	✓		✓	✓		✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Duplex				✓		✓	✓									✓	✓	✓		✓			✓			