

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		
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			
max. Flow rate	2642 US gpm	1057 US gpm	66 US gpm	286 US gpm	286 US gpm	748 US gpm	286 US gpm	969 US gpm	528 US gpm	1717 US gpm	440 US gpm	1321 US gpm	748 US gpm	31 US gpm	64 US gpm	264 US gpm	748 US gpm	264 US gpm	15 US gpm	286 US gpm	748 US gpm	2642 US gpm	2642 US gpm	286 US gpm	748 US gpm		
max. Head	139 psi	139 psi	110 psi	427 psi	427 psi	427 psi	425 psi	94 psi	486 psi	78 psi	87 psi	235 psi	94 psi	198 psi	206 psi	355 psi	427 psi	427 psi	185 psi	427 psi	412 psi	139 psi	139 psi	427 psi	412 psi		
max. Operating pressure	232 psi	145 psi	116 psi	580 psi	435 psi	580 psi	435psi	145 psi	508 psi	232 psi	145 psi	232 psi	232 psi	218 psi	232 psi	580 psi	280 psi	580 psi	232 psi	580 psi	580 psi	232 psi	232 psi	580 psi	580 psi		
max. Temperature	-58 to 284 °F	-13 to 230 °F	-4 to 230 °F	-58 to 320 °F	-40 to 284 °F	-58 to 284 °F	-40 to 320 °F	-40 to 284 °F	-22 to 284 °F	-58 to 356 °F	-13 to 230 °F	-40 to 230 °F	-13 to 230 °F	-40 to 230 °F	-40 to 284 °F	-58 to 284 °F	-58 to 230 °F	-58 to 230 °F	-40 to 428 °F	-58 to 428 °F	-58 to 284 °F	-58 to 284 °F	-58 to 284 °F	-58 to 428 °F	-58 to 284 °F		

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				✓		✓	✓									✓	✓	✓		✓				✓	