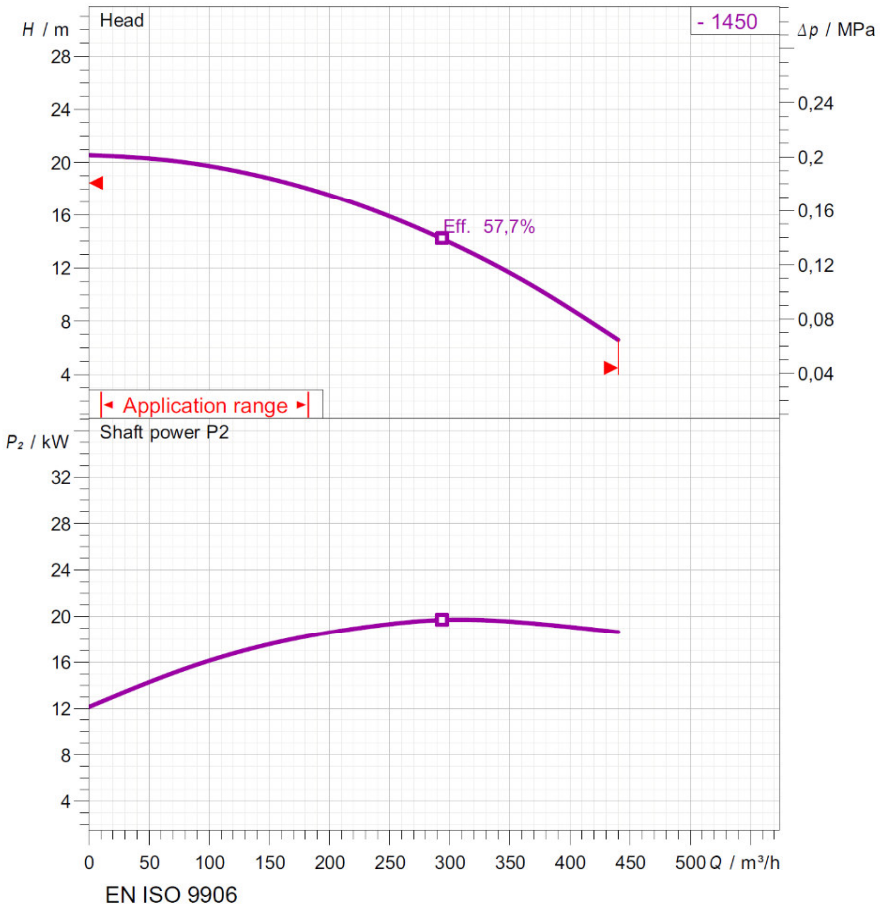
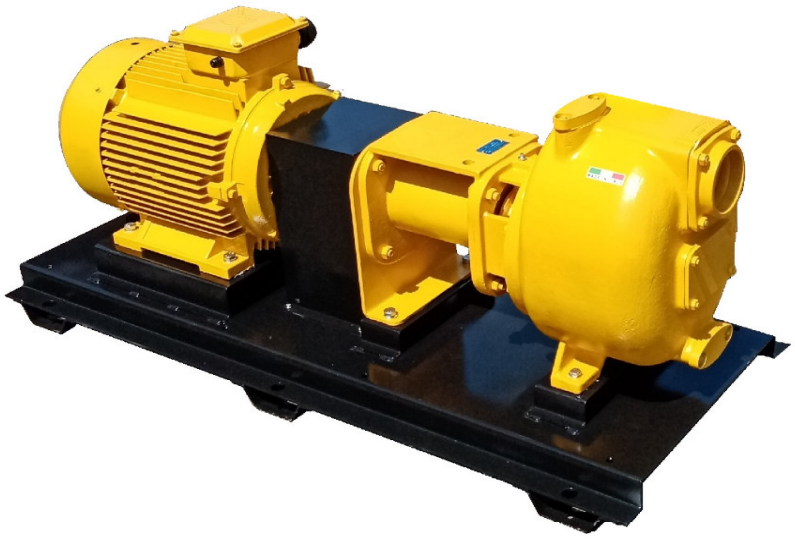


EN ISO 9906



Images for illustrative pourposes

Operating data specification	
Rated flow	
Rated head	
Fluid	Dirty water
Pump	Self-priming
Pump operating data	
Model	X8-300
Speed	1450 1/min
Flow	
Head	
Head H(Q=0)	20,6 m
Max capacity	440 m³/h
Shaft power	
Efficiency	
Inlet / Outlet	8"
Blade no.	4
Impeller diameter	297 mm
Motor features	
Rated power	kW 22 - Hp 30
Frequency	Hz 50
Number of poles	4
Nominal speed	1450 rpm
Starts per hour max.	
Cooling flow	
Rated voltage	400 / 690 V
Starting mode	D.O.L.
Rated current	3-phase
Insulation class	F
Degree of protection	IP 54
cos φ	
Efficiency	IE 3
Use limits	
Max. liquid temperature	40 °C
Max. solids contents	40x63
Maximum density	998 kg/m³
Maximum viscosity	1 mm²/s
Materials	
Pump body	Cast-iron GJL 250
Suction cover	Cast-iron GJL 250
Valve gasket	Natural rubber
Impeller	Ductile iron
Support	Cast-iron GJL 250
Shaft	Steel 39 Ni Cr Mo 3
Mechanical seal	Silicon carbide / S.S. 304 / EPDM

Rpm	Max capacity	HMT max.	Curve tolerance
1450 1/min	440 m³/h	20,57 m	EN ISO 9906

DUTY POINT

Flow	Head	Impeller type	Free passage	Density	Viscosity
		Open		998,3 kg/m³	1,005 mm²/s

