GRUNDFOS

UPS 32-80 180

3 x 400 V, 50 Hz

Product number	96406000
Family	UPS
Version	PN 6/10
Nominal diameter	DN 80
Connection standard	EN 1092-2
Pump housing	Cast iron
Impeller	Noryl
Shaft	Stainless steel
Bearings	Carbon, metal-impregnated
Shaft seal	Rubber bellows
Rotor	Wet
Motor protection	Yes
Insulation class	F
Protection class	IP42
Min. ambient temperature	0 °C
Max. ambient temperature	40 °C
Max. operating pressure	10 bar
Min. liquid temperature	2 °C
Max. liquid temperature	110 °C
Liquid	Thin, clean, non-explosive liquids not containing solid particles or fibres
Pump curve	180
Duty point flow	30 m³/h
Duty point head	6.5 m
Duty point power	1.1 kW
Duty point efficiency	70.1 %
Duty point MEI	0.70
Duty point pump efficiency	70.1 %
Duty point motor efficiency	84.1 %
Duty point power factor	0.98
Duty point current	2.1 A
Duty point speed	2900 rpm
Duty point pressure	6.5 m
Duty point NPSH	1.5 m
Duty point NPSH margin	1.0 m
Duty point cavitation	1.5 m
Duty point pressure	6.5 m
Duty point flow	30 m³/h
Duty point velocity	2.1 m/s
Duty point Reynolds number	1.2e+5
Duty point friction loss	0.3 m
Duty point static head	6.2 m
Duty point dynamic head	0.3 m
Duty point velocity head	0.2 m
Duty point loss	0.3 m
Duty point efficiency	70.1 %
Duty point power	1.1 kW
Duty point current	2.1 A
Duty point power factor	0.98
Duty point speed	2900 rpm
Duty point MEI	0.70
Duty point pump efficiency	70.1 %
Duty point motor efficiency	84.1 %