Facts and figures Hydro-Unit

Base / Single Line economy







Single Line



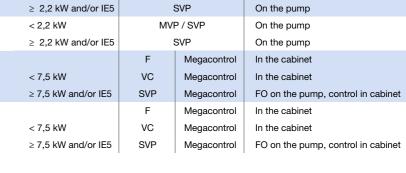


Base Line



Premium Line





Control

MVP

MVP / SVP

< 2,2 kW

UL = Utility Line

Position

On the pump

On the pump

Abbreviations	
HU = Hydro Unit	S = Synchrone motor (IE5 + DP-Var)
SL = Single Line	M = Mida (Nastec)
Sle= Single Line economy	F = Fixed speed
BL = Base Line	V = Variable speed
Ble= Base Line economy	P = Inverter installed on the pump
PL = Premium Line	C = Inverter installed in the cabinet/control panel

Features						
Pump	Horizontal stainless steel DPHM centrifugal pump / close coupled	Vertical stainless steel centrifugal pump DPV				
Motor	0,37 - 1,5 kW	0,37 - 30 kW	0,37 - 7,5 kW	0,37 - 7,5 kW	0,37 - 30 kW	
Optional IE5 variant	-	yes	yes	yes	yes*	*IE4 applies to systems with 22 kW and 30 kW motors
Variable speed (V) / Fixed speed (F)	V	V	V	V/F	V/F	
Control	Standard (MVP)	Standaard (MVP / SVP)	Standaard (MVP / SVP)	Advanced, Megacontrol	Advanced, Megacontrol	
Large cabinet, tailored control panel, specials	-	-	-	-	yes	Extra alarm outputs and H-O-A switches as standard, 1-fase / wall mounted cabinet / level control / Fire-Unit / AISI316 / extra alarm outputs / PN25, etc
Capacity	≤ 18 m³/h	≤ 76 m³/h	SVP \leq 88 m ³ /h MVP \leq 66 m ³ /h	$VC \le 66 \text{ m}^3/\text{h} \mid \text{F / SVP} \le 88 \text{ m}^3/\text{h}$	≤ 960 m³/h	
# of pumps	1-2	1	2-4	2-4	2-6	
Head (H _{max})	6 bar	15 bar	15 bar	15 bar	15 bar	Optional 24 bar
Pressure Class	PN10	PN10 / PN16	PN10 / PN16	PN10 / PN16	PN10 / PN16	Optional PN25 / PN40
Ambient temperature range			+4 up to +40 °C (VC configura			
Liquid temperature range		+1 °C up to +60 °C (opt. up to 90 °C without WRAS)				
WRAS / ACS Certificates	yes	yes	yes	yes	yes	
Flow-through ball valves / butterfly valves	yes	n.a.	yes	yes	yes	100% flow-through design. Legionalla safe (up until DPV25)
Easy-Fit / Flex-Flange	-	yes	yes	yes	yes	Easy maintenance. Fast exchange of the pump non-return valves (without disassembling pump or headers). Fast and trouble-free alignment of the pump / headers.
Possibility to mirror the suction and discharge manifolds	yes	n.a.	yes	yes	no	Utility-Line up to DPV25 is available with end cap on the headers
Suction pression set	yes	yes	yes	yes	yes	
Pressure transmitter	yes	yes	yes	yes	yes	
Master control take-over by the secondary drive	Base Line economy	n.a.	yes	n.a.	n.a.	In case of failure of the master drive, all control options are taken over by the secondary drive (only when the drive is pump-mounted)

