

THE ME230 IS THE E-PTO SOLUTION THAT PROVIDES JUST THE POWER YOU NEED.



## THE PRODUCT

Specially suitable for driving: hydraulic HP pumps, compressors, auxiliary applications...

High efficiency and performance

Optimised for hydraulic pumps

Rugged rotor design supporting high shocks and vibration stresses

Mass reduction thanks to a modular design and an aluminium housing

Permanent magnets, Neodymium-Iron-Boron

DIN ISO14 coupling compatible with our XPi / XR / XRe / TXV range

Available with SIN / COS 5V sensor as standard

Cooling by hydraulic oil and/or glycol water

## TECHNICAL DATA AT 80°C [176°F] GLYCOL WATER

Motor Version	Operating temperature range	Temperature range with liquid cooling	Length	Diameter	Voltage	Power	Torque	Maximum speed	Current	Weight	Refrigerant flow rate (Water glycol)	IP Protection
	°C [°F]	°C [°F]	mm [in]	mm [in]	Vac (Vc)	kW [HP]	Nm [lb-in]	tr/min	A	Kg [lb]	L/min [G/min]	
IPM	-20 / +55 [-4 / 131]	-40 / +120 [-40 / 248]	447 [17,6]	230 [9,06]	440min (650 - 800 via an inverter)	76,5 [102,59]	261 [192,50]	2800	120	60 [132,28]	6 [1,58]	IP 67 IP 69K <sup>(1)</sup>

## CONNECTIVITY

**POWER : x3**

Amphenol Powerlock : PL28 X – 300 – 50

**POSITION SENSOR FEEDBACK: X1**

UTS6JC104P

**WATER : X2**

Thread for G1/4 connection

## OPTIONS

Other sensor (resolver, incremental)

Supply of associated controller

Supply of associated pump

Programming for application

## POSSIBLE CUSTOMIZATIONS

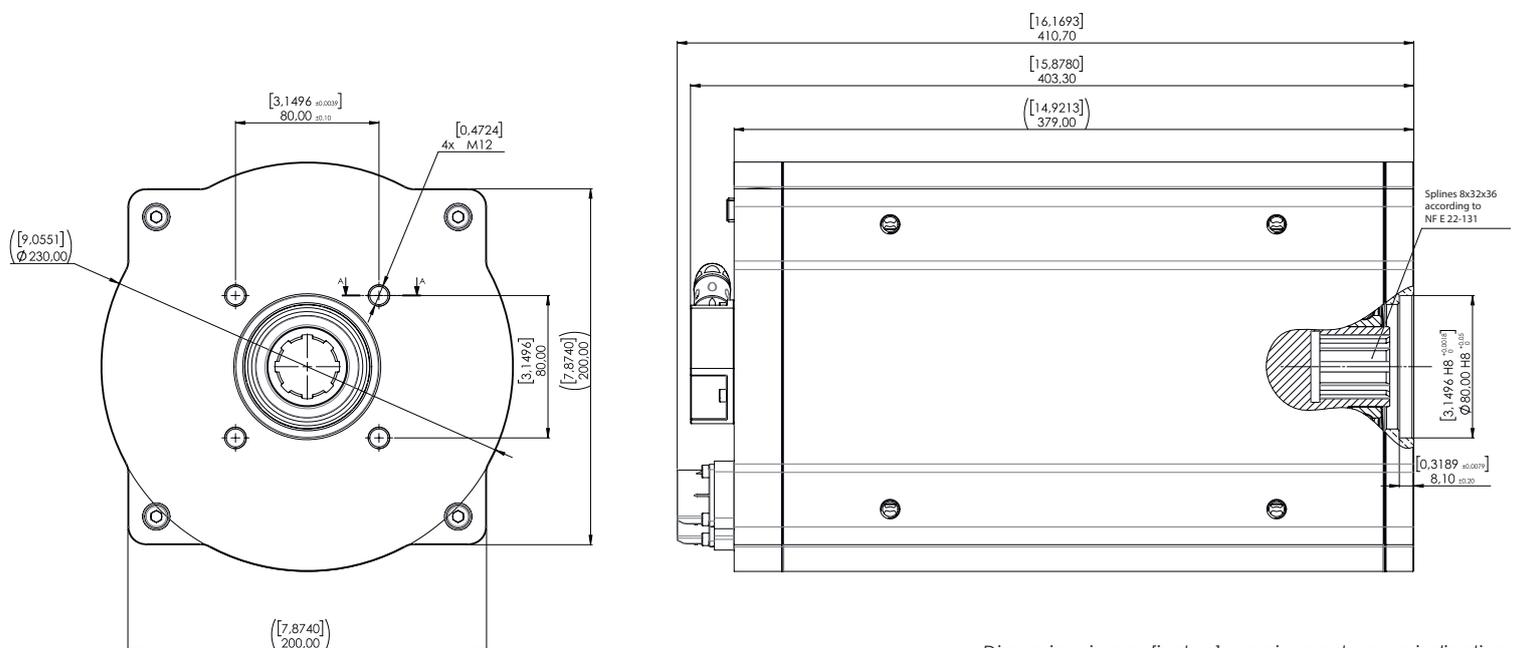
Custom flange and shaft

Winding for other voltage

Other coolant

The motor and the pump can be sold separately.

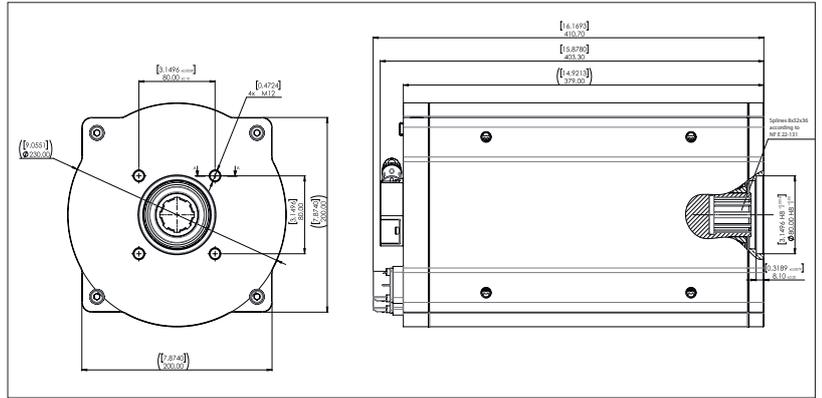
## DIMENSIONS OF THE ME230 IN MM [INCHES]



Dimensions in mm [inches] are given only as an indication.

**RANGE FEASIBILITY TABLE IN S1 WATER / GLYCOL COOLING 80°C [176°F] FOR XPI / XR / XRE RANGE**

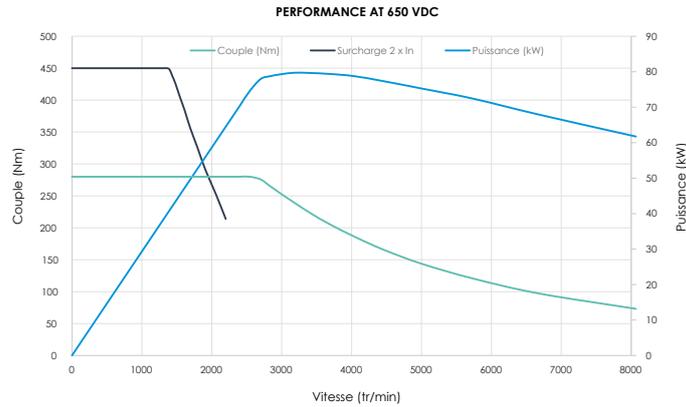
Displacement	N	C	P	Length*
cc [cu.in]	rpm	Nm [lb-in]	kW [HP]	mm [in]
12 [0.73]	3400	76 [672]	27,1 [0.04]	267 [10.5]
18 [1.10]	3150	114 [1009]	37,6 [0.05]	327 [12.9]
25 [1.52]	3000	159 [1407]	50 [0.07]	357 [14.05]
32 [1.95]	2950	204 [1806]	63 [0.08]	387 [15.2]
41 [2.50]	2800	261 [2310]	76.5 [0.10]	447 [17.6]



\*with customer's PL28 connector included.

\*\* permanent service, water / glycol 80°C

**WATER / GLYCOL PERFORMANCE CURVES 80°C [176°F] AND WINDING TEMPERATURE 155°C [311°F] IN S1**



**INVERTER VEL350 L**

**THE PRODUCT**

- Advanced inverter technology with 4 quadrant SPWM drive
- High supply range of 650 to 800 Vdc
- Maximal current of 300 Arms
- Efficient cooling system (water 50% / glycol 50%)
- Qualified with ME230 to made ePTO ready to start
- Customizable Voltage and current
- Optimized compact design on ME230



**TECHNICAL DATA**

Inverter	Voltage	Current	Refrigerant flow rate (Water glycol)	Weight	Feedback
	Vdc	A	L/min	Kg	
SPWM	48 to 800	100 to 550	6	10	Resolver



**E-PTO**

Watch the 3D animation video



For further information, feel free to contact our Customer Service.

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