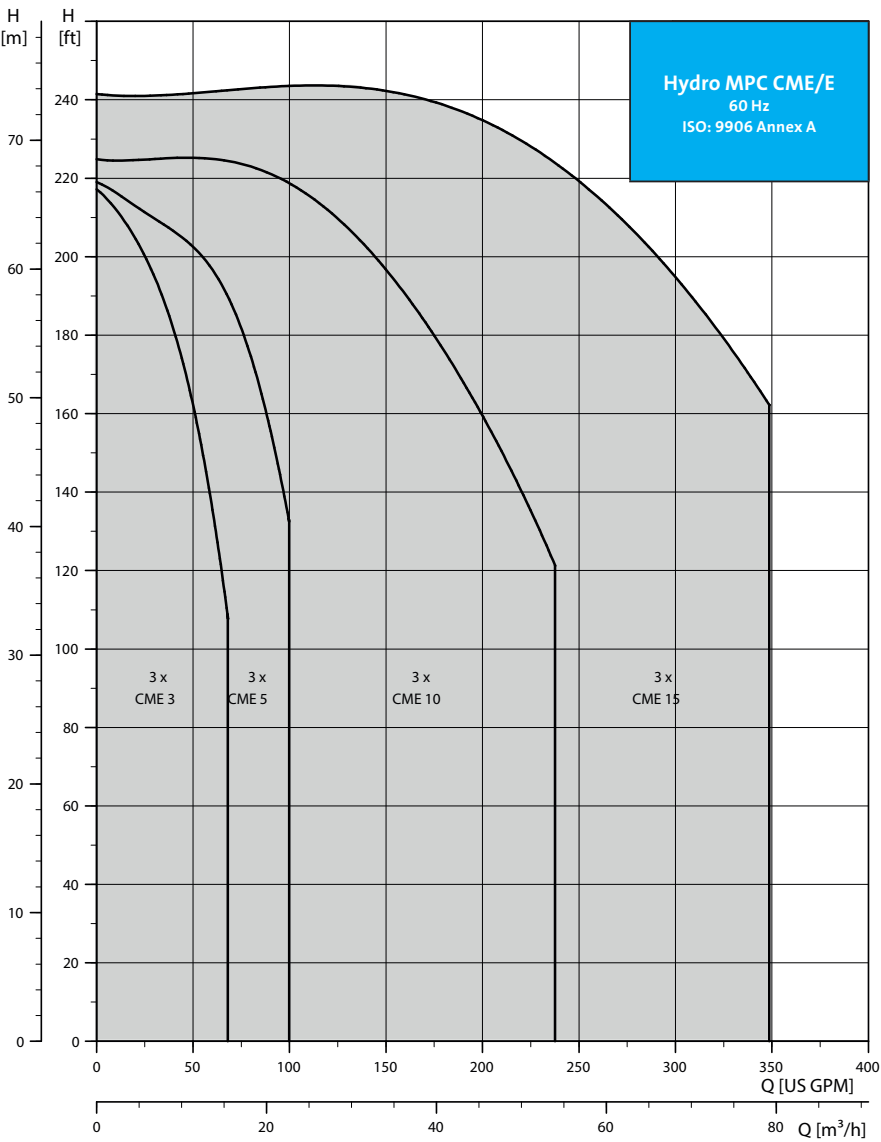


TECHNICAL DATA

HYDRO MPC CME	
FLOW, Q (2–3 PUMPS):	max. 345 gpm (78.36 m³/h)
HEAD, H:	max. 230 ft (70 m)
WORKING PRESSURE:	max. 145 psi (10 bar)
LIQUID TEMPERATURE:	• CME3-5: 32° F to 140° F (0° C to 60 °C) • CME10-15: 32° F to 180° F (0° C to 82 °C)
APPROVALS:	• System NSF 61/372 Certified • UL Listed Packaged Pumping System

PERFORMANCE DATA



Pump Performance Datasheet

Customer	:		Quote Number / ID	:	1561369
Customer ref. / PO	:		Model	:	Hydro MPC 2CME 15-1 3x460V 60Hz
Tag Number	:	Hydro MPC 2CME 15-1 3x460V 60Hz	Part Number	:	99659085
Service	:		Stages	:	1
Quantity	:	1	Based on curve number	:	99329897
Quantity of pumps	:	2 active + 0 standby	Date last saved	:	12/27/2021 8:45 PM

Operating Conditions			Liquid		
System flowrate	:	184.1 USgpm	Liquid type	:	Cold Water
Flowrate per pump	:	92.03 USgpm	Additional liquid description	:	
Differential head / pressure, rated (requested)	:	69.63 ft	Temperature, max	:	68.00 deg F
Differential head / pressure, rated (actual)	:	69.63 ft	Fluid density, rated / max	:	1.000 / 1.000 SG
Suction pressure, min / max	:	0.00 / 0.00 psi.g	Viscosity, rated	:	1.00 cP
NPSH available, rated	:	Ample	Vapor pressure, rated	:	0.34 psi.a
Site Supply Frequency	:	60 Hz	Material		
Power Supply	:	3ph 460V	Material selected	:	Standard - Cast Iron / 304 Stainless Steel

Performance			Pressure Data		
Speed, rated	:	3599 rpm	Pump shut off pressure	:	38.14 psi.g
Speed, maximum	:	3599 rpm	Maximum allowable suction pressure	:	109.0 psi.g
Speed, minimum	:	764 rpm	Driver & Power Data (@Max density)		
Pump efficiency	:	68.67 %	Motor sizing specification	:	Max power (non-overloading)
NPSH required / margin required	:	20.70 / 0.00 ft	Margin over specification	:	0.00 %
nq (imp. eye flow) / S (imp. eye flow)	:	26 / 70 Metric units	Service factor	:	1.15
Head maximum, rated speed	:	88.13 ft	Rated power (based on duty point)	:	2 x 2.36 hp
Head rise to shutoff	:	26.57 %	Max power (non-overloading)	:	2 x 2.50 hp
Flow, best eff. point	:	88.96 USgpm	Motor rating	:	2 x 3.00 hp / 2.24 kW (Fixed)
Flow ratio, rated / BEP	:	103.45 %			
Speed ratio (rated / max)	:	100.00 %			
Head ratio (rated speed / max speed)	:	100.00 %			
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	:	1.00 / 1.00 / 1.00 / 1.00			
Selection status	:	Acceptable			

