

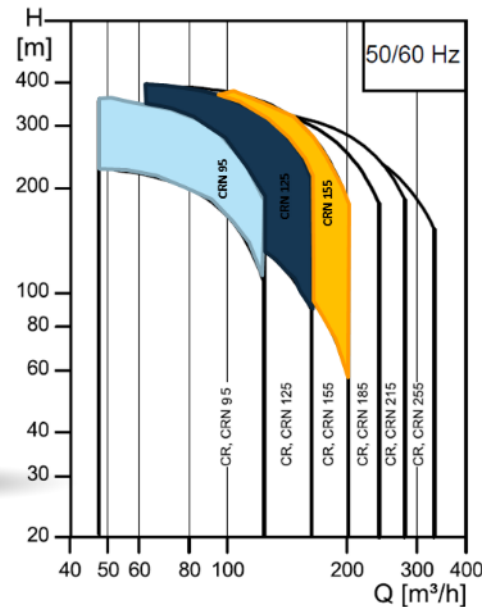
2022 Products Update

- All CM pumps with 3 phase motors and > 0.75kW will convert to IE3 in 2022
- The conversion will focus on all motor voltages (F / G / O / O – KEMCO)



[CR High Pressure Range]

- The maximum head for CR 95 / 125 / 155 can be up to 400m
- Only the SS 316 (N version) is available
- To be used with Variable Frequency Drive
- 11 models 50Hz are available
- 12 models 60Hz are available



AVAILABLE: From SEPT 2022



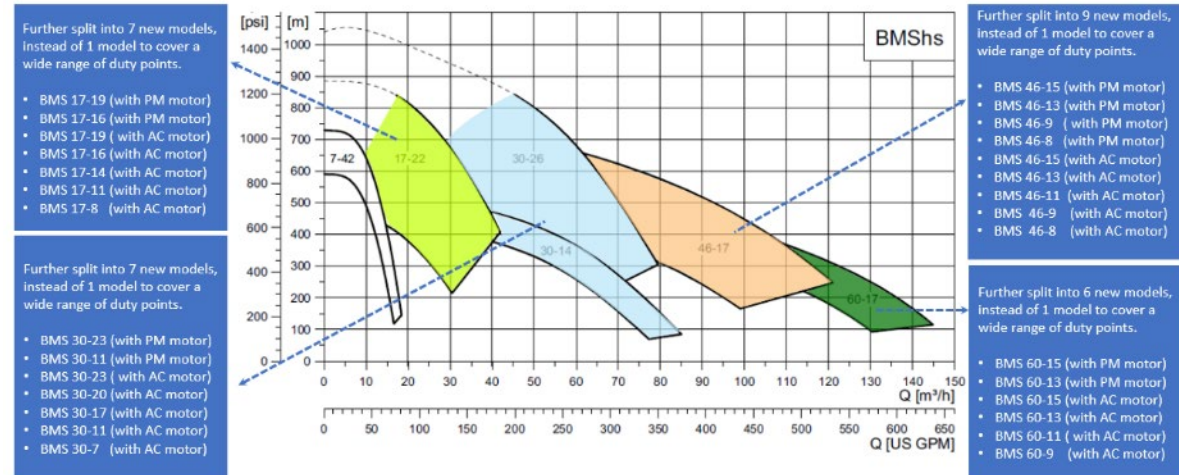
[Click HERE for instruction](#)

AVAILABLE in GPC :
From NOV 2022

- Sizing features:
 - Compare sizing (Standard pump vs E pump)
 - LCC View : Payback time of Standard pump vs E pump
 - Optimized selection based on :
 - ❖ Life-cycle cost
 - ❖ Energy consumption
 - ❖ Price
 - ❖ Compactness (Physical dimensions)

Criteria	Product name	P2 [kW]	Energy [kWh/year]	Life cycle cost [EUR/10 years]	Price index	Pump + motor length [mm]
Lowest LCC	CRE 10-5	2.2	3586	16383	166	727
Lowest energy	CRE 10-6	3	3363	16554	196	822
Lowest price	CR 10-7	3	5276	19837	100	853
Most compact	CRE 10-4	2.2	3815	16971	161	697

[Extended BMS hs PM/AC Booster System Performance]



AVAILABLE: From APR 2022

2023 New Products Launch



[Upgrade Saver 3 MGE]

Upgrade MGE motor from 15 kW to 26kW with new features.

Physical New Features

- IE5 PM Motor
- Safe Torque off (STO)
- Bluetooth connectivity
- Ethernet port (Built-in)
- Modbus RTU (Built-in)

Software New Features

- Fast ramp-up time
- Curve compensation
- Power-limit curves
- High speed operation (at 4000RPM)



[Single Phase MG, IE2 Motors]

- Target Product : CM/CM Booster /CRs/TPs
- Release Countries: Singapore, Malaysia, Indonesia, Thailand, Vietnam, Taiwan, Korea, Australia, New Zealand, Philippine, Japan
- Range Specification: Applicable to single phase, 50Hz models, 0.12kW to 2.2kW
- Key Features: IE2 for single phase = highest efficiency demand*.

* Mandatory in EU from 1st July 2023 for 0.12kW and above



[New MTHE Range]

- Target customers: Chiller OEMs
- Application: Recirculation of coolant / liquid for machines
- Range specification:
 - 12 new models
 - Q = up to 10m³/h
 - H = up to 100m
- Key features:
 - Power-limit curve
 - Drainage back to Tank (DBT)
 - High efficient PM motor
 - Easy system control

