

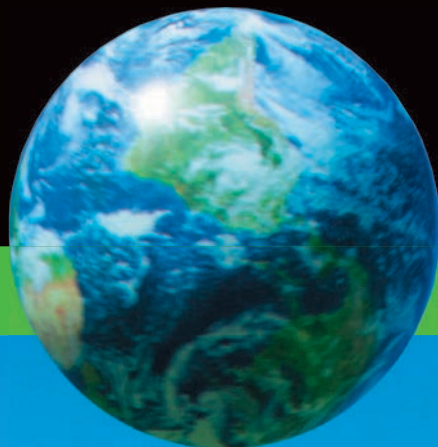
# SMEDEGÅRD

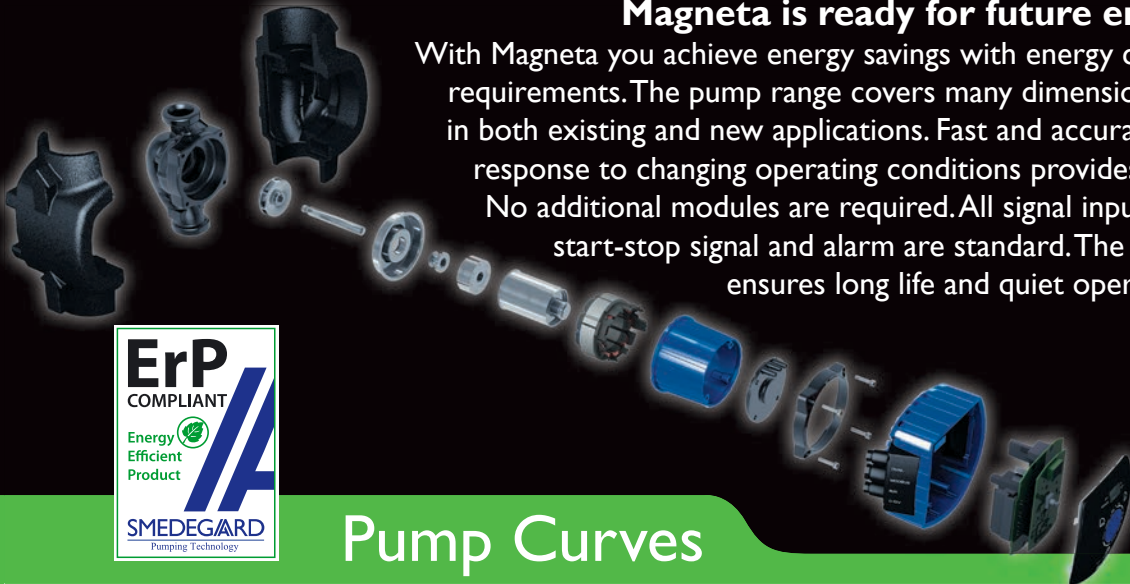
Pumping Technology

# MAGNETA

SMEDEGÅRD

## World Leading Circulator of the Future





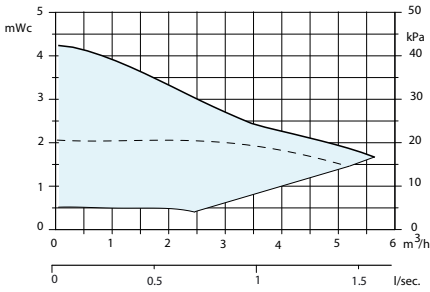
# Magneta is ready for future energy requirements

With Magneta you achieve energy savings with energy consumption far below EU requirements. The pump range covers many dimensions and capabilities for use in both existing and new applications. Fast and accurate capacity adjustments in response to changing operating conditions provides increased energy savings. No additional modules are required. All signal inputs such as 0-10 volt signal, start-stop signal and alarm are standard. The permanent magnet motor ensures long life and quiet operation under all conditions.

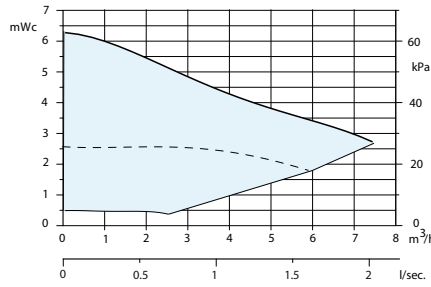


## Pump Curves

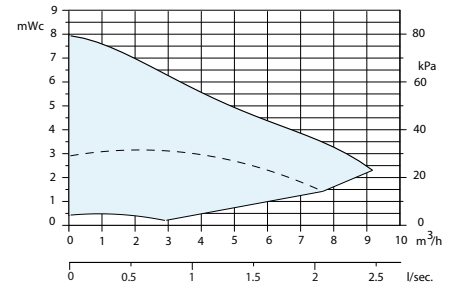
**Magneta 25-40**



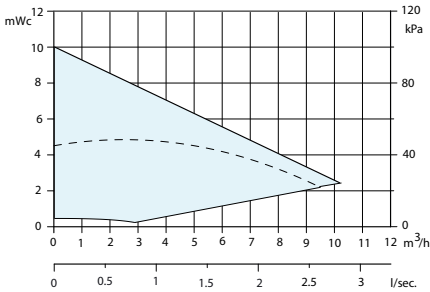
**Magneta 25-60 / 30-60**



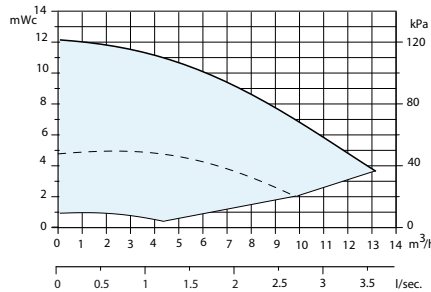
**Magneta 25-80 / 30-80**



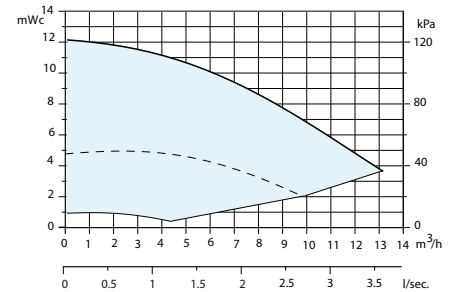
**Magneta 25-100 / 30-100**



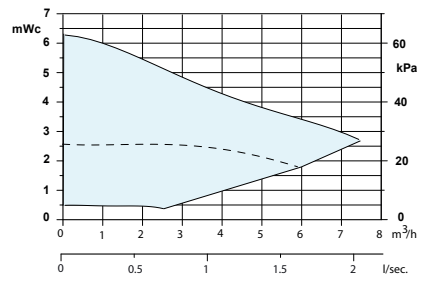
**Magneta 30-120**



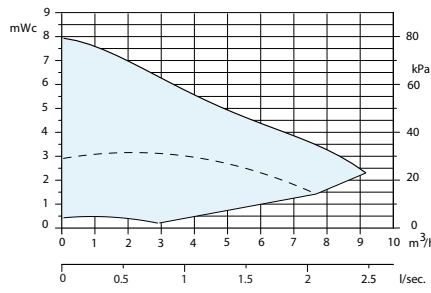
**Magneta 32-120**



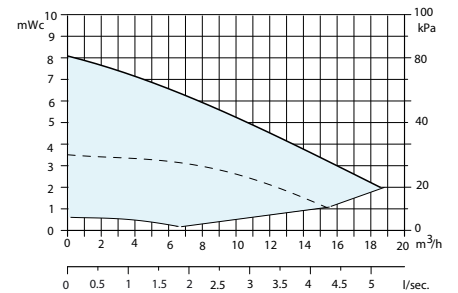
**Magneta 40-60**



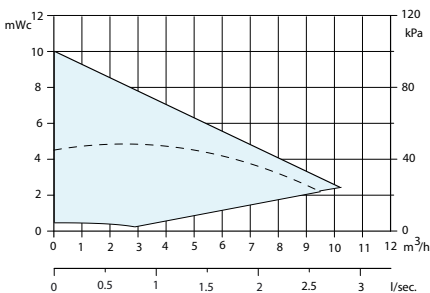
**Magneta 40-70**



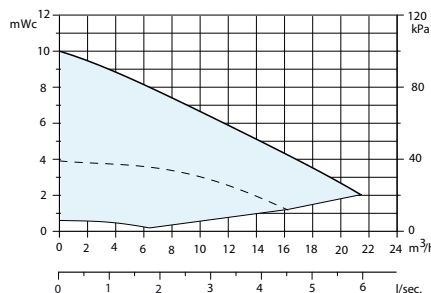
**Magneta 40-80**



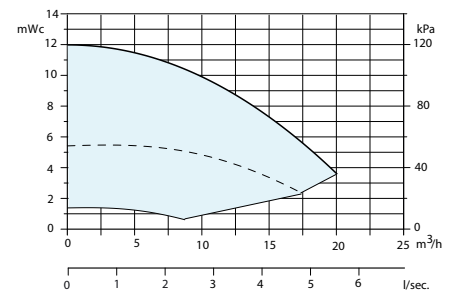
**Magneta 40-90 / 50-90**



**Magneta 40-100**



**Magneta 40-120**



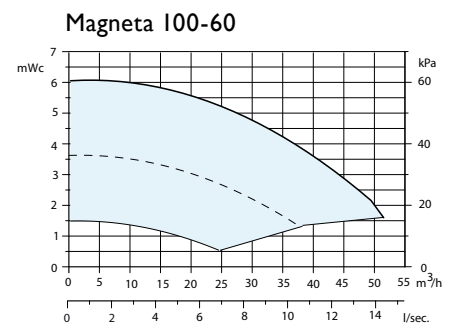
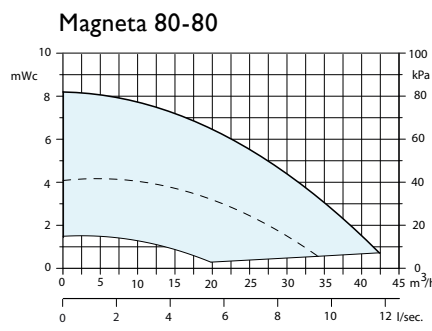
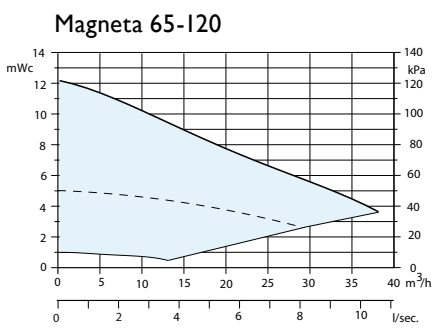
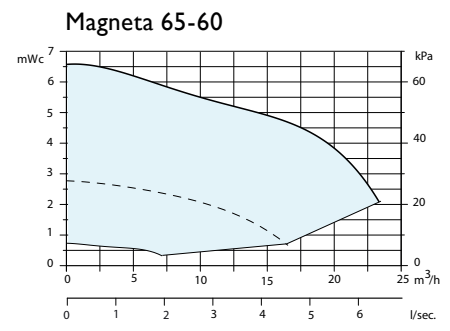
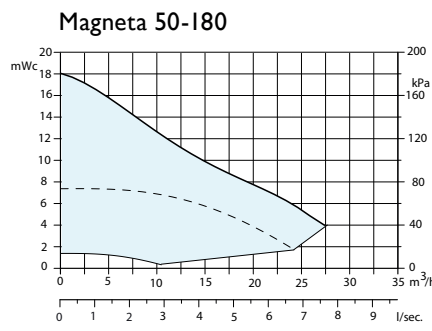
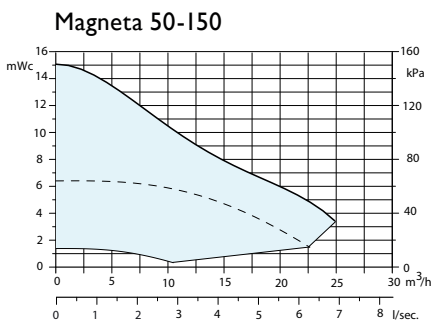
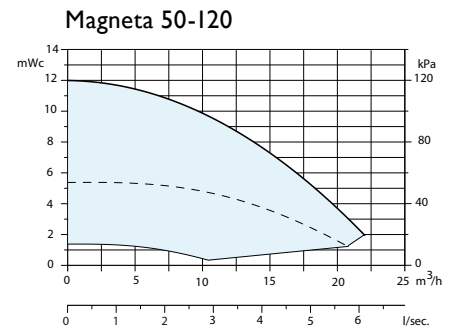
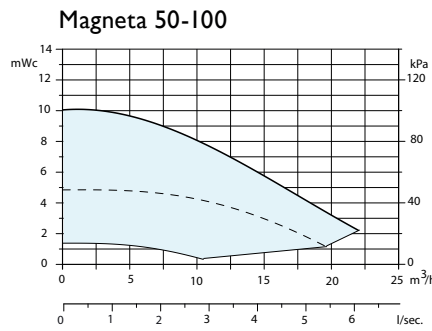
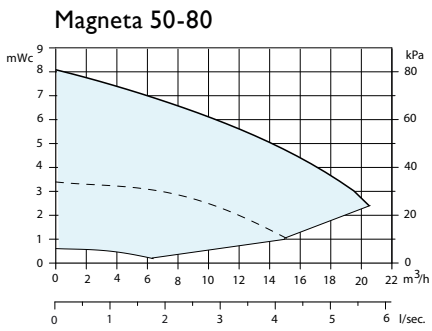
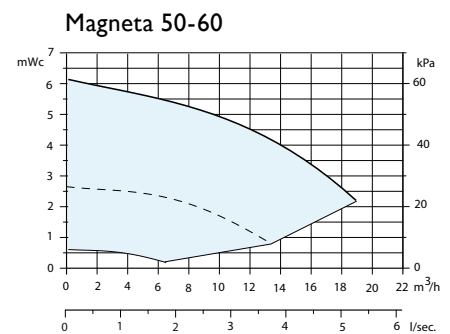
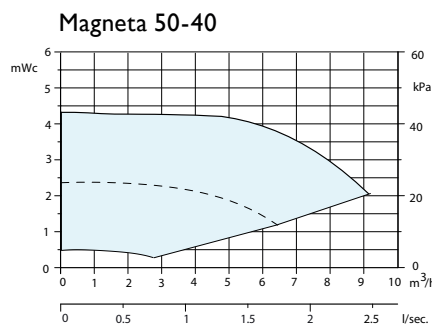
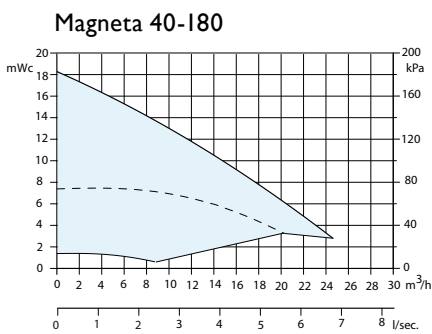
▶ Magneta with Smedegaards advanced program software optimises the various operating modes, including the enhanced ECO Mode for extremely high energy saving and silent operation.

▶ External communication is standard - Modbus, twin pump function, 0-10 Volt control ring, external start / stop operation and alarm signal.

▶ Settings are made easy with the push button and rotational dial. Magneta has an integrated display so you can read the flow and the instantaneous energy consumption.

▶ Automatic startup after installation.

▶ Magneta working temperature range of + 110 ° C down to -10 ° C.



### Replacement List

All Magneta / SimFlex pumps I x 230V

Pump to be Replaced	Length mm	ErP Compliant	Length mm	Retro Fit Spacers
Miniwatt 2-50	180	SimFlex 25-40	180	
EV 2-65-2C/EV 2-65-2V	180	SimFlex 25-40	180	
EV 2-70C/EV 2-70V	180	SimFlex 25-60	180	
EV 2-72-2C/EV 2-72-2V	180	Magneta 25-60	180	
Vario 25C/Vario 25V	180	SimFlex 25-40	180	
Vario 75C/Vario 75V	180	SimFlex 25-60	180	
Vario 25C/Vario 25V	180	Magneta 25-40	180	
Vario 75C/Vario 75V	180	Magneta 25-60	180	
Vario 25Z/Vario 75Z	180	SimFlex 25-40 n	180	
EV 3-72-2C/EV 3-72-2V	180	Magneta 30-60	180	
EV 3-100-2C/EV 3-100-2V	180	Magneta 30-100	180	
EV 4-60-2C/EV 4-60-2V	250	Magneta 40-60	220	40/30 Flange pump spacer pack
EV 4-75-2C/EV 4-75-2V	250	Magneta 40-60	220	40/30 Flange pump spacer pack
EV 4-95-2C/EV 4-95-2V	250	Magneta 40-120	250	
EV 4-125-4	250	Magneta 40-60	220	40/30 Flange pump spacer pack
EV 5-100-4C/EV 5-100-4V	300	Magneta 50-60	240	50/60 Flange pump spacer pack
EV 5-125-4C/EV 5-125-4V	280	Magneta 50-60	240	50/40 Flange pump spacer pack
EV 5-88-2C/EV 5-88-2V	280	Magneta 50-100	280	
EV 5-95-2C/EV 5-95-2V	280	Magneta 50-120	280	
EV 5-160-4C/EV 5-160-4V	340	Magneta 50-150	280	50/60 Flange pump spacer pack
EV 6-92	280	Magneta 50-80	280	Flange size change
EV 6-125-4C/EV 6-125-4V	340	Magneta 65-60	340	
EV 6-95-2C/EV 6-95-2V	340	Magneta 65-120	340	
EV 6-160-4	370	Magneta 65-120	340	65/30 Flange pump spacer pack
EV 8-92-4C	330	Magneta 80-80	360	80/30 Flange pump spacer pack
EV 8-125-4C/EV 8-125-4V	360	Magneta 80-80	360	
EV 8-160-4C	360	Magneta 80-80	360	
EV 8-95-2	360	SimFlex 80-120	360	
EV 8-100-2C	360	SimFlex 80-120	360	
isobar 2-50	180	SimFlex 25-40	180	
isobar 3-100C-mm	180	Magneta 30-100	180	
isobar 4-75C-MM	250	Magneta 40-60	220	40/30 Flange pump spacer pack
isobar 5-88C-MM	280	Magneta 50-100	280	
isobar 5-95C-mm	280	Magneta 50-120	280	
isobar 5-120C-MM	280	Magneta 50-120	280	
isobar 6-95C-mm	340	Magneta 65-120	340	
isobar 6-110C-MM	340	Magneta 65-120	340	
isobar 8-95C-mm	360	SimFlex 80-120	360	
isobar 8-100C-MM	360	SimFlex 80-120	360	
SimFlex 2-50C	180	SimFlex 25-40	180	
SimFlex 2-65C	180	SimFlex 25-60	180	
SimFlex 2-70 C	180	SimFlex 25-60	180	
SimFlex 2-70C	130	SimFlex 25-60	130	
SimFlex 2-72C	180	Magneta 25-60	180	
SimFlex 3-50C	180	SimFlex 32-40	180	
SimFlex 3-70	180	SimFlex 32-60	180	
SimFlex 32-60C	180	SimFlex 32-60	180	
SimFlex 3-72C	180	Magneta 30-60	180	
SimFlex 3-100	180	Magneta 30-100	180	
SimFlex 4-60C	250	Magneta 40-60	220	40/30 Flange pump spacer pack
SimFlex 4-75C	250	Magneta 40-60	220	40/30 Flange pump spacer pack
SimFlex 4-95C	250	Magneta 40-120	250	
SimFlex 5-88C	280	Magneta 50-100	280	