CATALOG OF CIRCULATION PUMP WITH FREQUENCY CONVERTER

Smart Pump



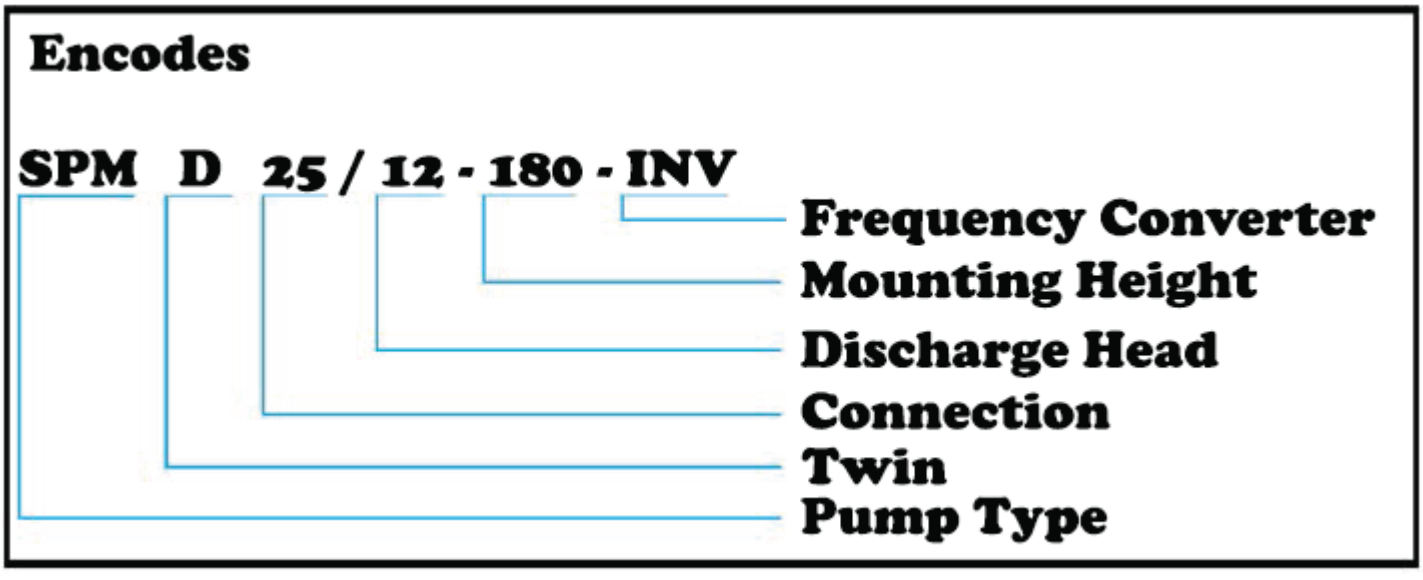
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TABLE OF CONTENTS

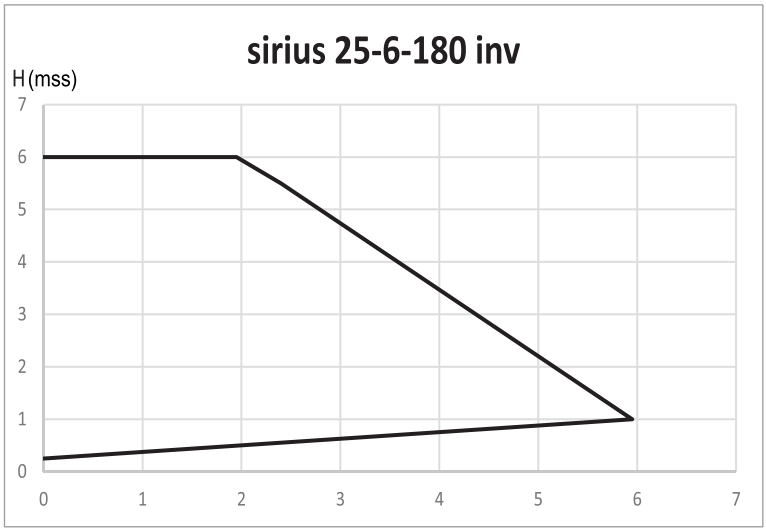
Smart Sirius 25/6 180 inv 4
Smart Sirius 25/8 180 inv 5
Smart Sirius 25/10 180 inv 6
Smart Sirius 25/12 180 inv 7
Smart Sirius 32/8 180 inv 8
Smart Sirius 32/10 180 inv 9
Smart Sirius 32/12 180 inv 10
Smart Sirius 32/15 180 inv 11
Smart Sirius DN25 Recirculation inv 12
Smart Sirius DN32 Recirculation inv 13
SPM 25/6 180 inv 14
SPM 25/8 180 inv 15
SPM D 25/8 180 inv twin 16
SPM 25/12 180 inv 17
SPM D 25/12 180 inv twin 18
SPM 32/6 180 inv 19
SPM 32/8 180 inv 20
SPM D 32/8 180 inv twin 21
SPM 32/12 180 inv 22
SPM D 32/12 180 inv twin 23
SPM DN25 Recirculation 24
SPM DN32 Recirculation 25
SPM 40/10 220 SMALL F inv 26
SPM 50/8 240 SMALL F inv 27
SPM 40/10 220 F inv 28
SPM 50/8 240 F inv 29
SPM 40/12 250 F ECO inv 30
SPM 50/12 280 F ECO inv 31
SPM 65/10 340 F ECO inv 32
SPM 80/10 360 F ECO inv 33
SPM 40/12 250 İNV 34
SPM 40/15 250 İNV 35
SPM 50/12 280 İNV 36
SPM 50/15 280 İNV 37
SPM 65/12 340 İNV 38
SPM 65/15 340 İNV 39
SPM 80/12 360 İNV 40
SPM 80/15 360 İNV 41
SPM 80/20 360 İNV 42
TSE Certificate 43
CE Certificate 44
İSO Certificate 45
EAC Certificate 46

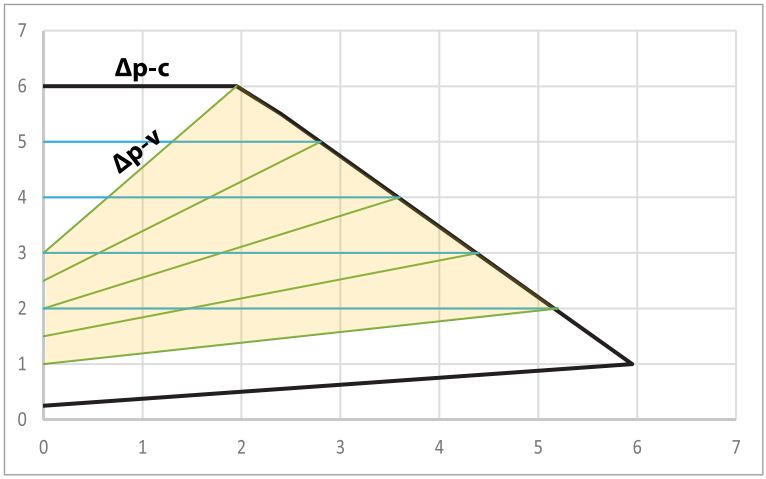




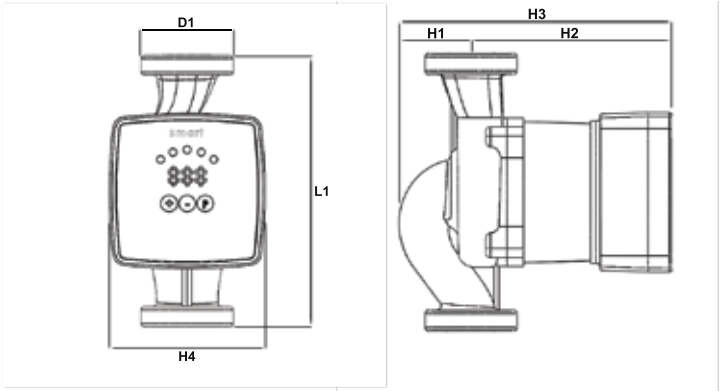
Circulation Pump With Gear Frequency Converter

Smart Sirius 25/6 180 inv





Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	5,95 m³ / h
Discharge Head H Maks.	6 mss
Technical Data	Energy Cosumption : 8 - 80 (w) Engine Speed : 3300 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 25 (G1½") Max Operating Pressure : 10 bar Weight : 3,15 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	Class A high energy saving Ideal operating performance LED Display indicator Easy operation and easy installation



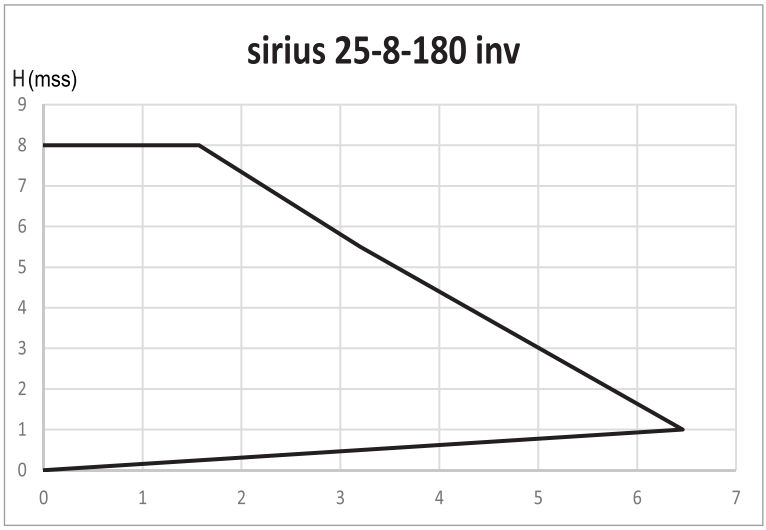
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
smart sirius 25/6 180 inv	G 1 ½	180	48	135	183	104	3,15 kg

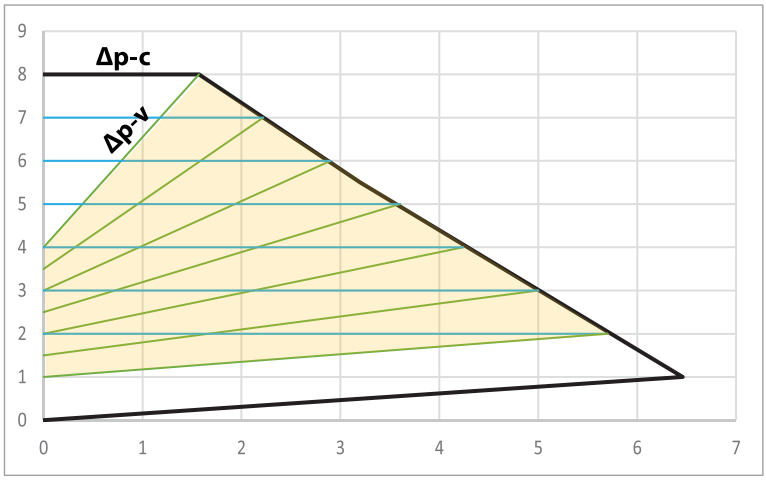
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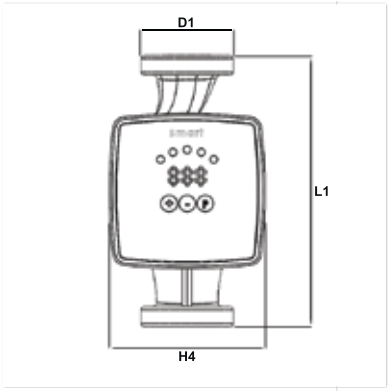
Circulation Pump With Gear Frequency Converter

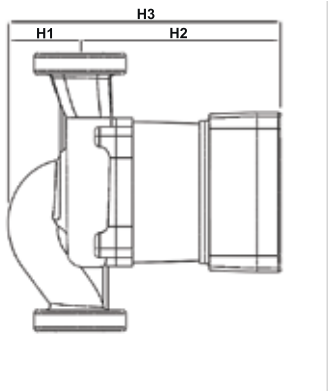
Smart Sirius 25/8 180 inv





Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	6,46 m³ / h
Discharge Head H Maks.	8 mss
Technical Data	Energy Cosumption : 8 - 100 (w) Engine Speed : 3800 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 25 (G1½") Max Operating Pressure : 10 bar Weight : 3,15 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	Class A high energy saving Ideal operating performance LED Display indicator Easy operation and easy installation





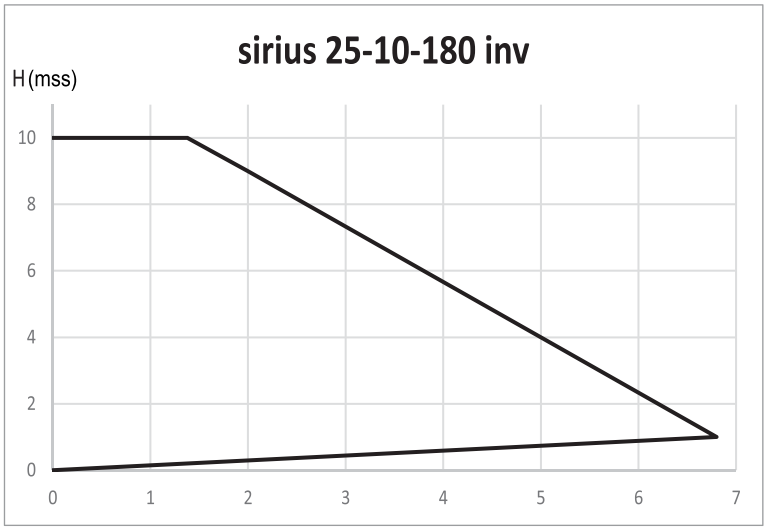
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
smart sirius 25/8 180 inv	G 1 ½	180	48	135	183	104	3,15 kg

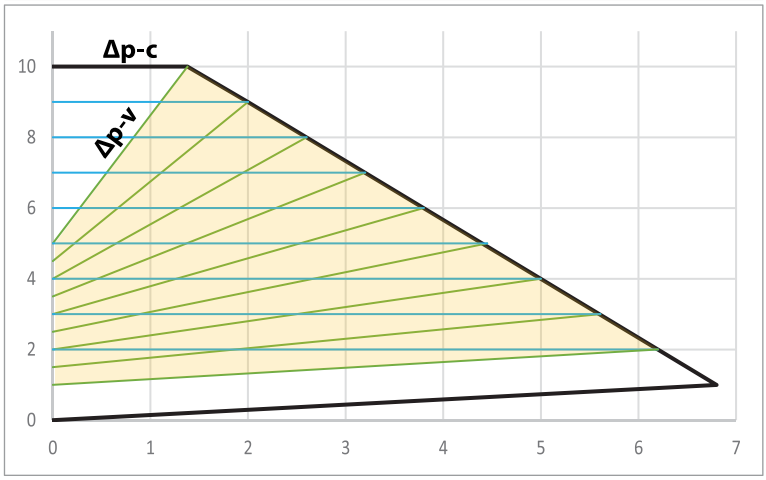
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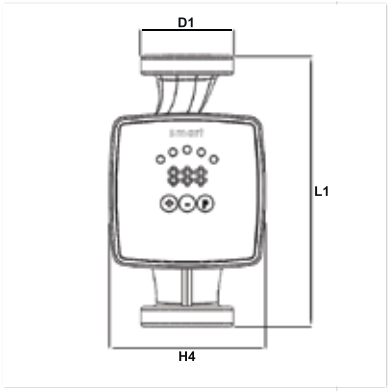


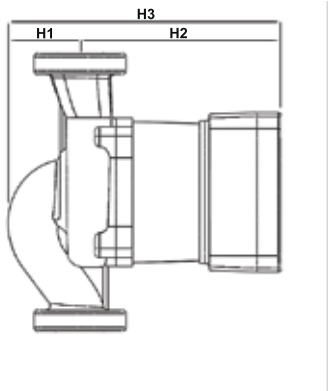
Circulation Pump With Gear Frequency Converter

Smart Sirius 25/10 180 inv









Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	6,80 m³ / h
Discharge Head H Maks.	10 mss
Technical Data	Energy Cosumption : 8 - 120 (w) Engine Speed : 4250 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 25 (G1½") Max Operating Pressure : 10 bar Weight : 3,15 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	Class A high energy saving Ideal operating performance LED Display indicator Easy operation and easy installation

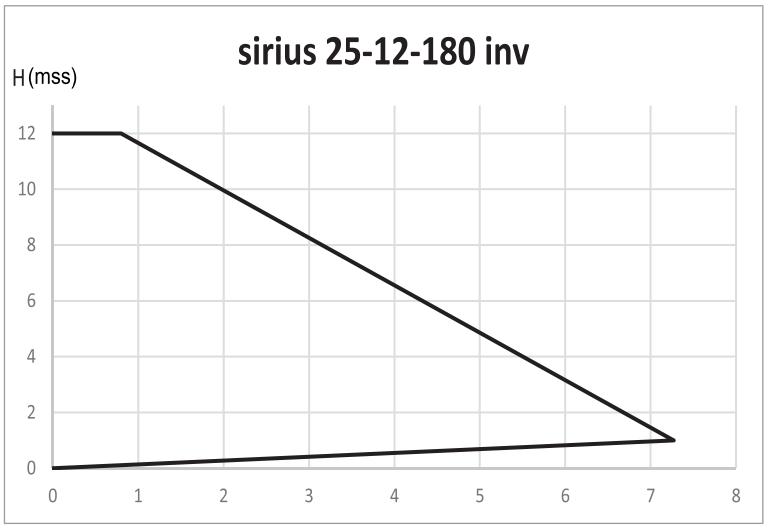
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
smart sirius 25/10 180 inv	G 1 ½	180	48	135	183	104	3,15 kg

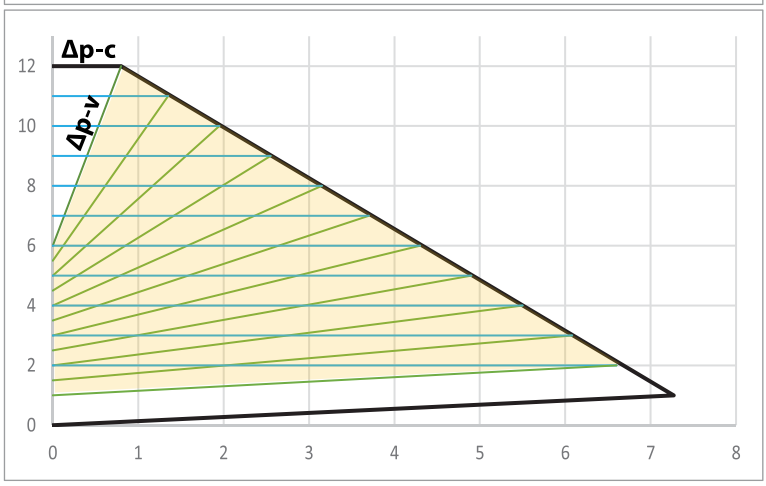
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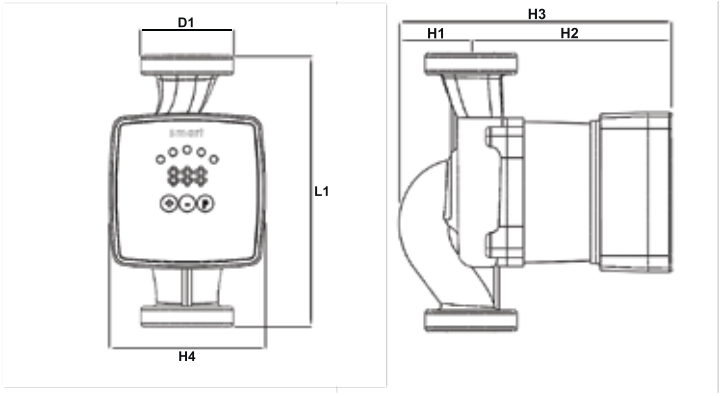
Circulation Pump With Gear Frequency Converter

Smart Sirius 25/12 180 inv





Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	7,27 m³ / h
Discharge Head H Maks.	12 mss
Technical Data	Energy Cosumption : 8 - 140 (w) Engine Speed : 4700 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 25 (G1½") Max Operating Pressure : 10 bar Weight : 3,15 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	Class A high energy saving Ideal operating performance LED Display indicator Easy operation and easy installation



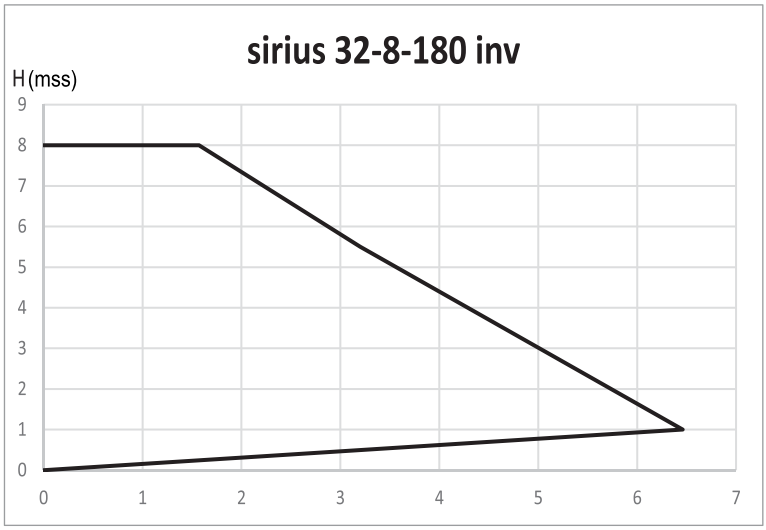
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
smart sirius 25/12 180 inv	G 1 ½	180	48	135	183	104	3,15 kg

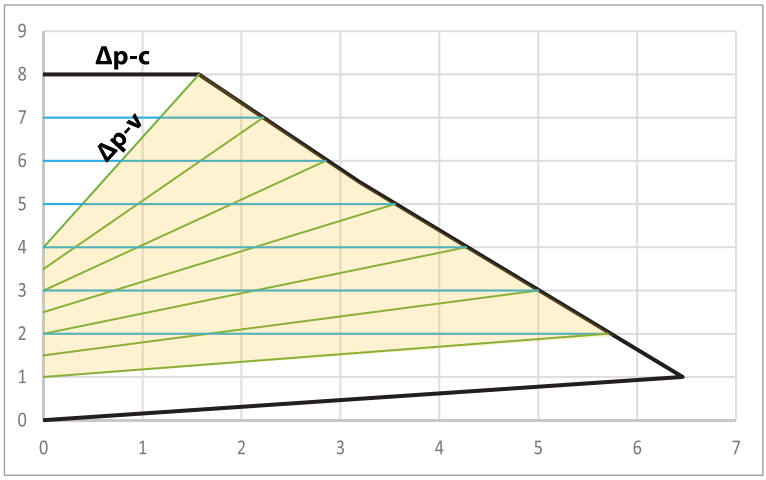
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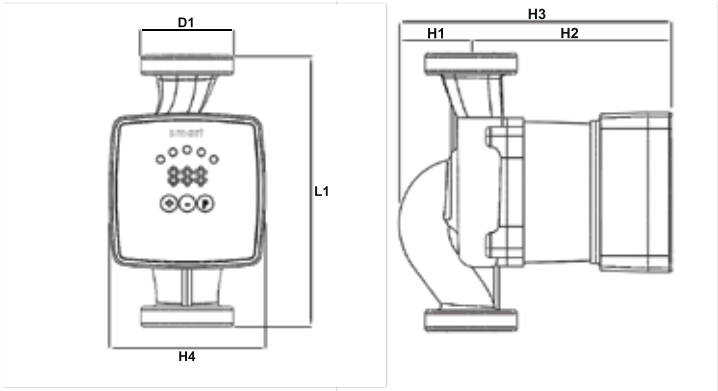
Circulation Pump With Gear Frequency Converter

Smart Sirius 32/8 180 inv





Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	6,46 m³ / h
Discharge Head H Maks.	8 mss
Technical Data	Energy Cosumption : 8 - 100 (w) Engine Speed : 3800 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 32 (G2") Max Operating Pressure : 10 bar Weight : 3,37 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	Class A high energy saving Ideal operating performance LED Display indicator Easy operation and easy installation



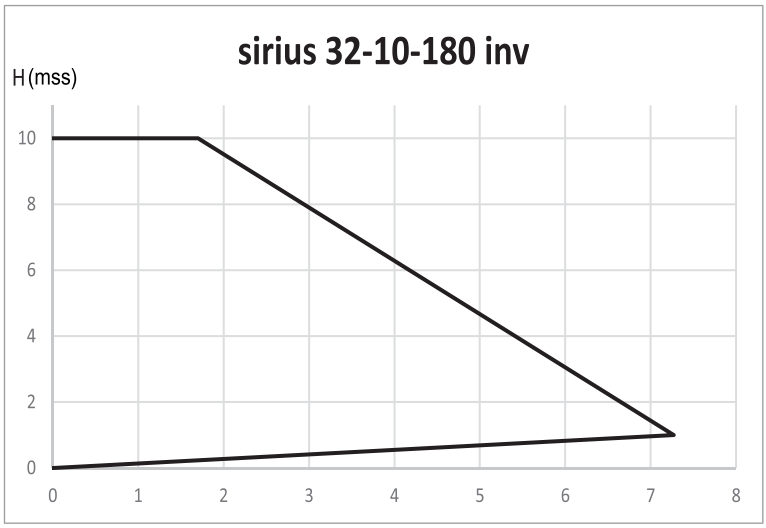
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
smart sirius 32/8 180 inv	G 2	180	48	135	183	104	3,37 kg

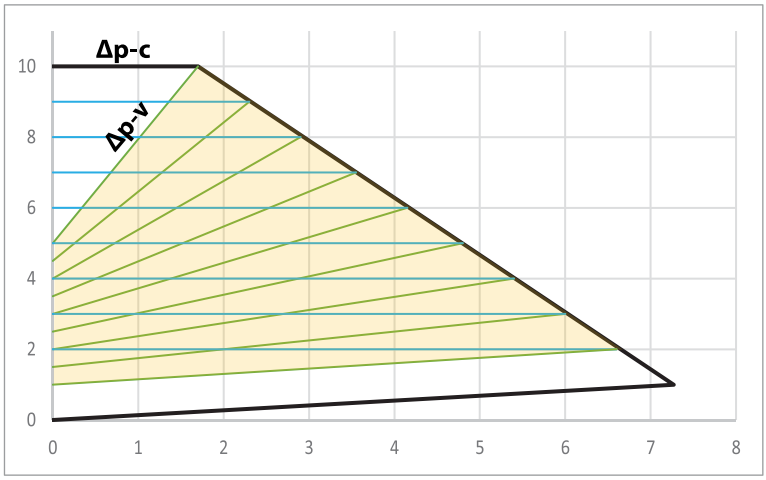
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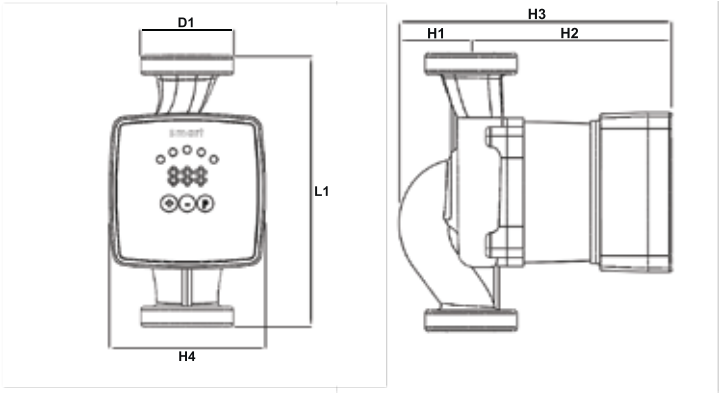
Circulation Pump With Gear Frequency Converter

Smart Sirius 32/10 180 inv





Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	7,27 m³ / h
Discharge Head H Maks.	10 mss
Technical Data	Energy Cosumption : 8 - 140 (w) Engine Speed : 4300 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 32 (G2") Max Operating Pressure : 10 bar Weight : 3,37 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	Class A high energy saving Ideal operating performance LED Display indicator Easy operation and easy installation



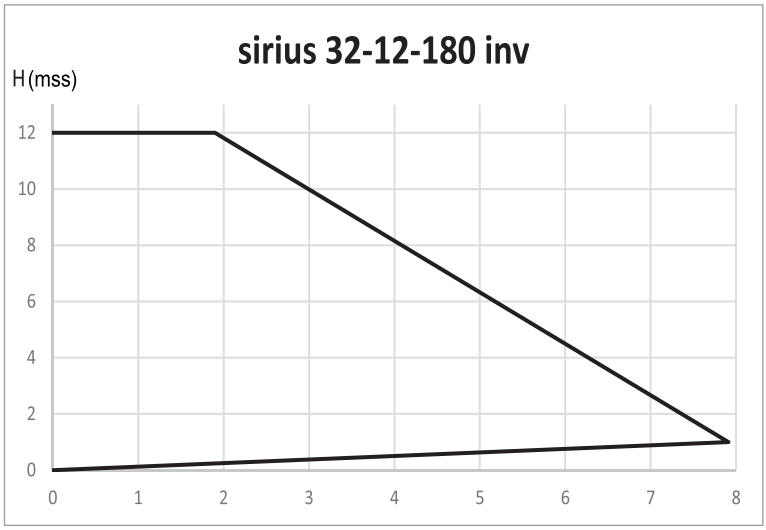
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
smart sirius 32/10 180 inv	G 2	180	48	135	183	104	3,37 kg

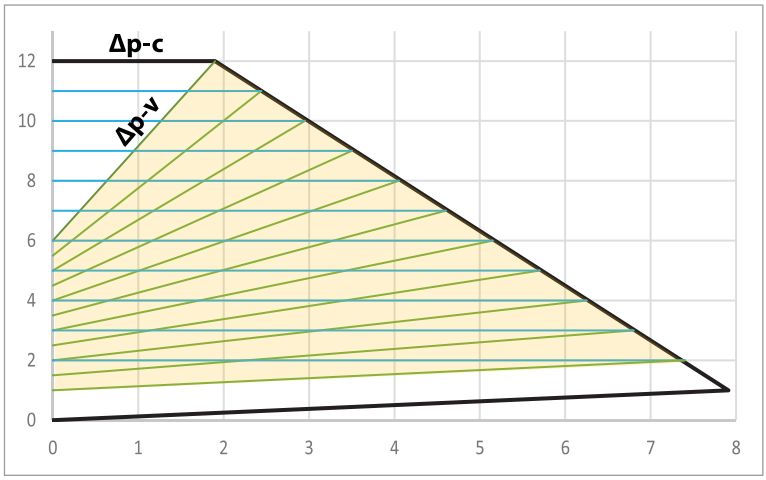
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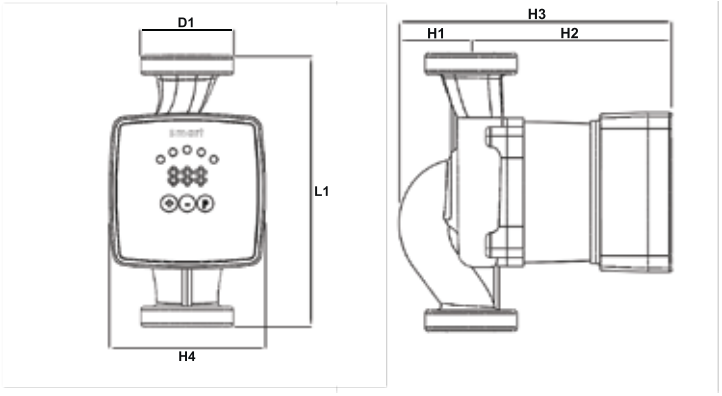
Circulation Pump With Gear Frequency Converter

Smart Sirius 32/12 180 inv





Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	7,91 m³ / h
Discharge Head H Maks.	12 mss
Technical Data	Energy Cosumption : 8 - 180 (w) Engine Speed : 4700 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 32 (G2") Max Operating Pressure : 10 bar Weight : 3,37 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	Class A high energy saving Ideal operating performance LED Display indicator Easy operation and easy installation



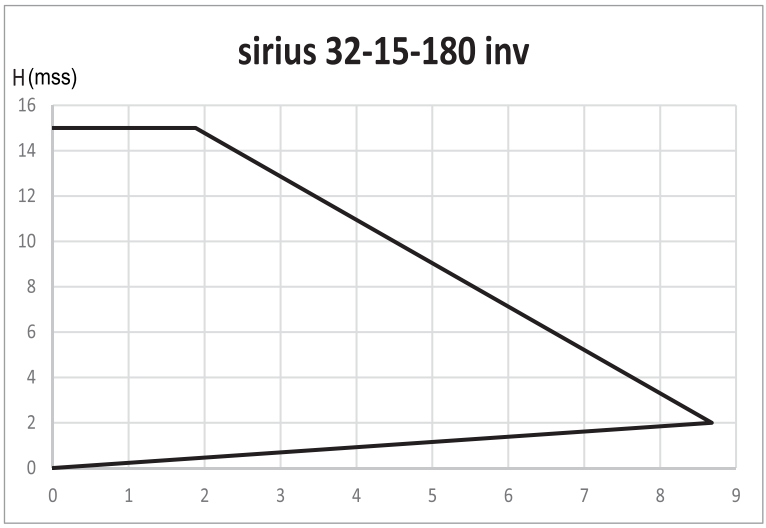
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
smart sirius 32/12 180 inv	G 2	180	48	135	183	104	3,37 kg

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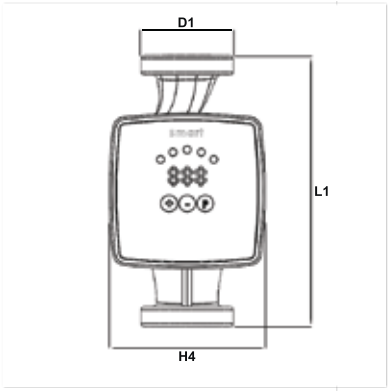
Circulation Pump With Gear Frequency Converter

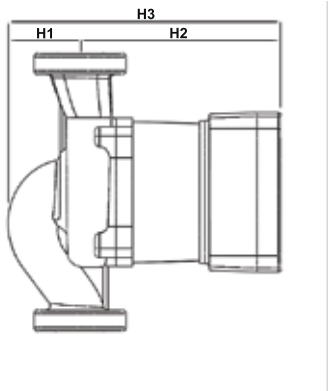
Smart Sirius 32/15 180 inv





Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	8,68 m³ / h
Discharge Head H Maks.	15 mss
Technical Data	Energy Cosumption : 8 - 250 (w) Engine Speed : 5250 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 32 (G2") Max Operating Pressure : 10 bar Weight : 3,37 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	Class A high energy saving Ideal operating performance LED Display indicator Easy operation and easy installation





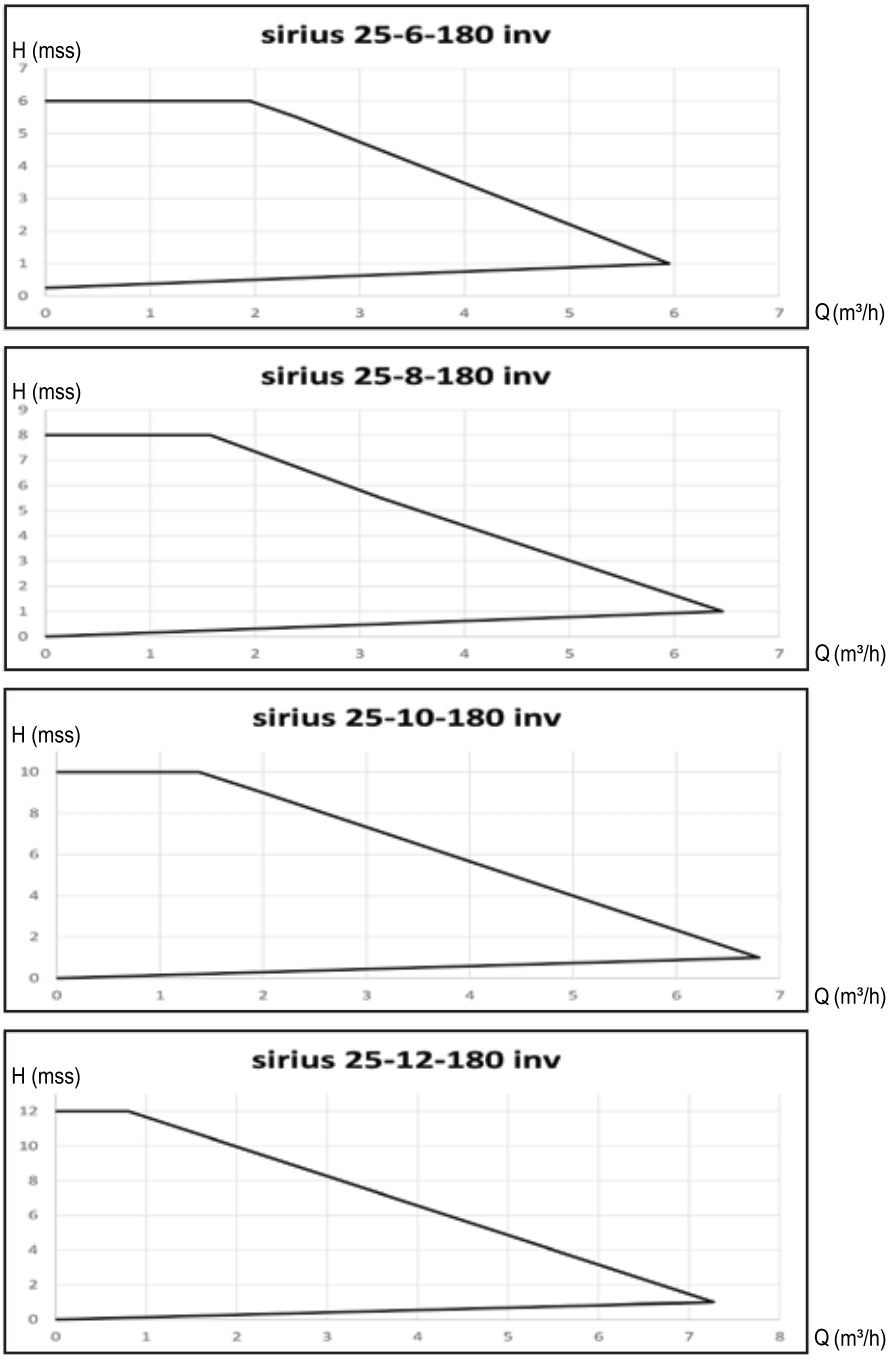
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
smart sirius 32/15 180 inv	G 2	180	48	135	183	104	3,37 kg

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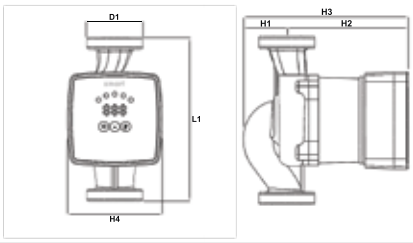


Circulation Pump With Gear Frequency Converter

Smart Sirius DN25 Recirculation inv



Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Technical Data	Energy Cosumption : 80 - 140 (w) Engine Speed : 3300 - 4700 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 25 (G1½") Max Operating Pressure : 10 bar Weight : 3,4 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	Class A high energy saving Ideal operating performance LED Display indicator Easy operation and easy installation

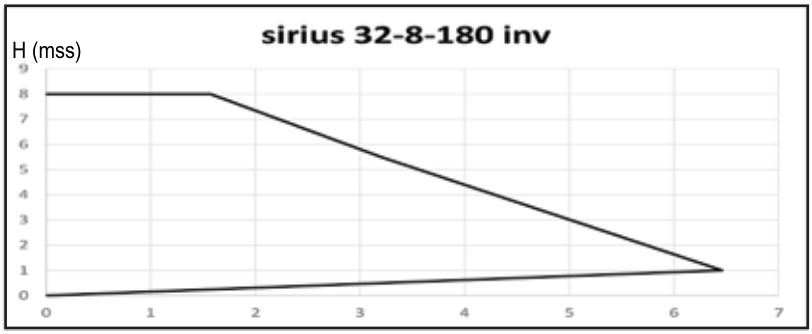


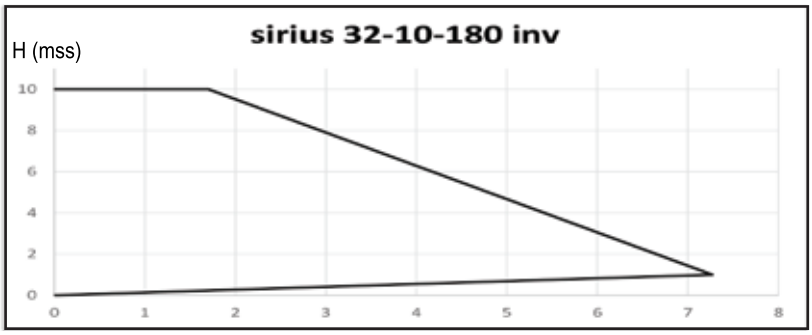
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
smart sirius dn25 recirculation inv	G 1 ½	180	48	135	183	104	3,4 kg

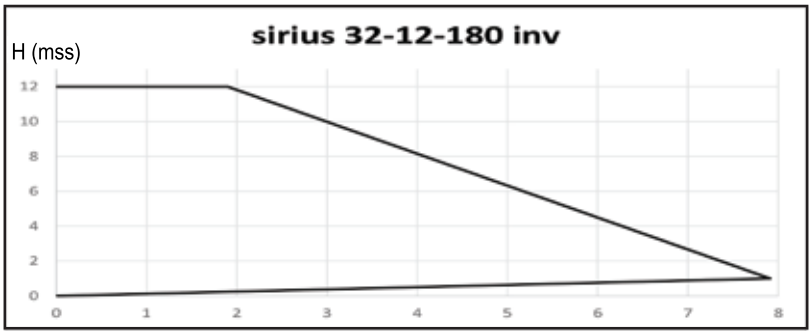


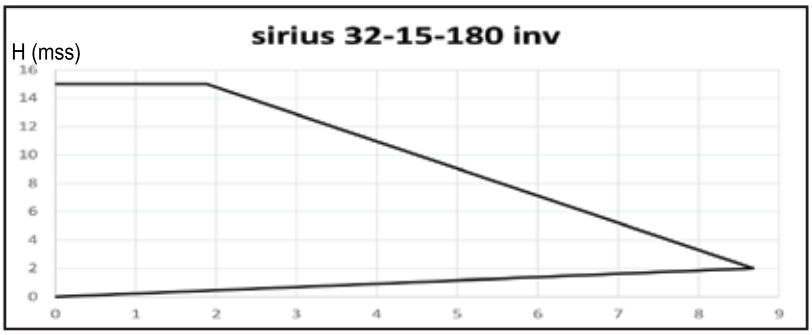
Circulation Pump With Gear Frequency Converter

Smart Sirius DN32 Recirculation inv

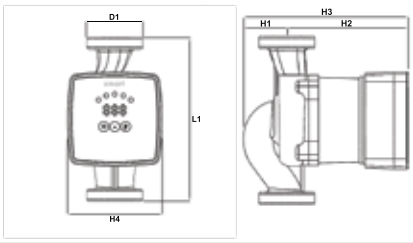








Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Technical Data	Energy Cosumption : 100 - 250 (w) Engine Speed : 3800 - 5250 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 32 (G2") Max Operating Pressure : 10 bar Weight : 3,81 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	Class A high energy saving Ideal operating performance LED Display indicator Easy operation and easy installation



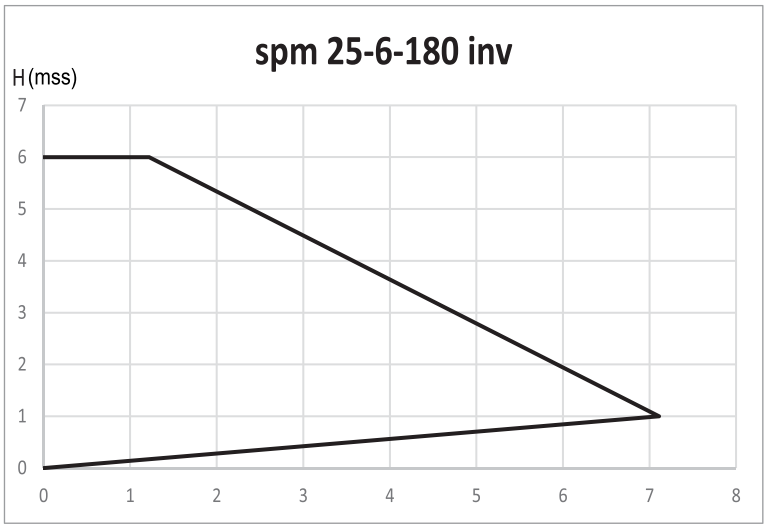
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
smart sirius dn32 recirculation inv	G 2	180	48	135	183	104	3,81 kg

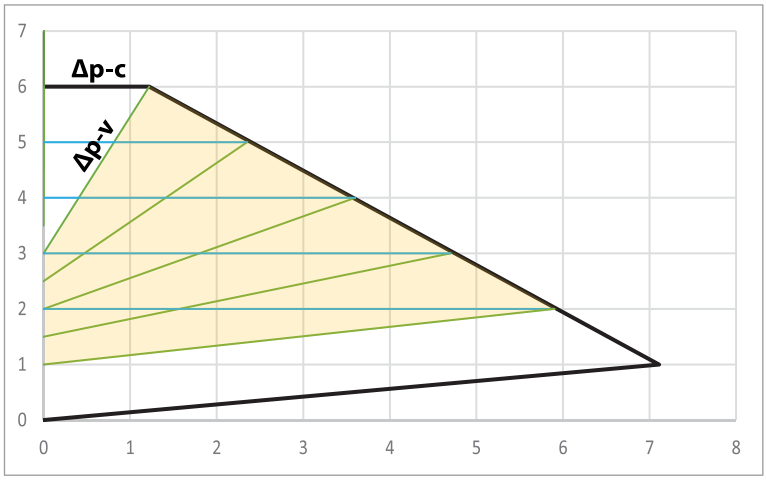
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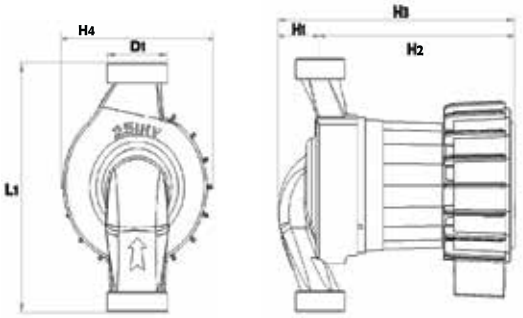


Circulation Pump With Gear Frequency Converter

SPM 25/6 - 180 inv







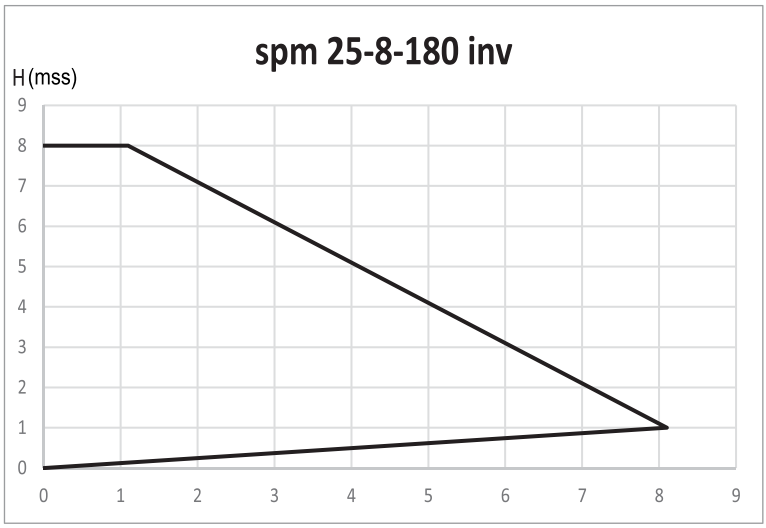
Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	7,11 m³ / h
Discharge Head H Maks.	6 mss
Technical Data	Energy Cosumption : 8 - 100 (w) Engine Speed : 3600 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 25 (G1½") Max Operating Pressure : 10 bar Weight : 4,1 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V

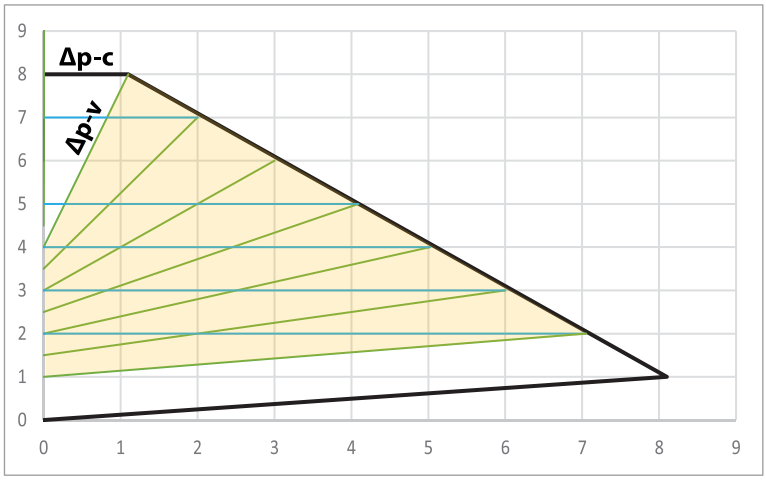
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
spm 25/6 180 inv	G 1 ½	180	42	194	236	121	4,1 kg

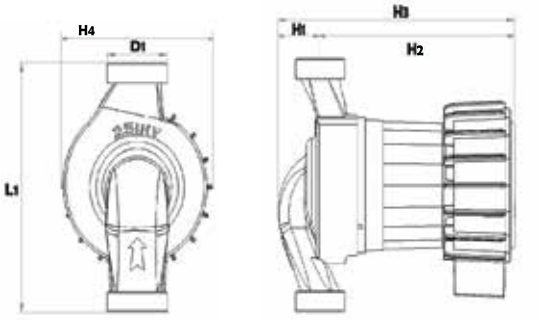


Circulation Pump With Gear Frequency Converter

SPM 25/8 - 180 inv







Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	8,10 m³ / h
Discharge Head H Maks.	8 mss
Technical Data	Energy Cosumption : 8 - 150 (w) Engine Speed : 4170 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 25 (G1½") Max Operating Pressure : 10 bar Weight : 4,1 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V

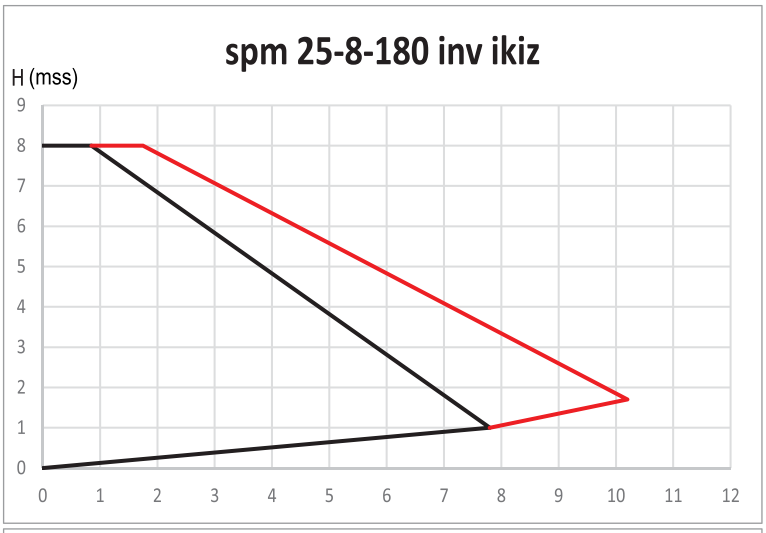
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
spm 25/8 180 inv	G 1 ½	180	42	194	236	121	4,1 kg

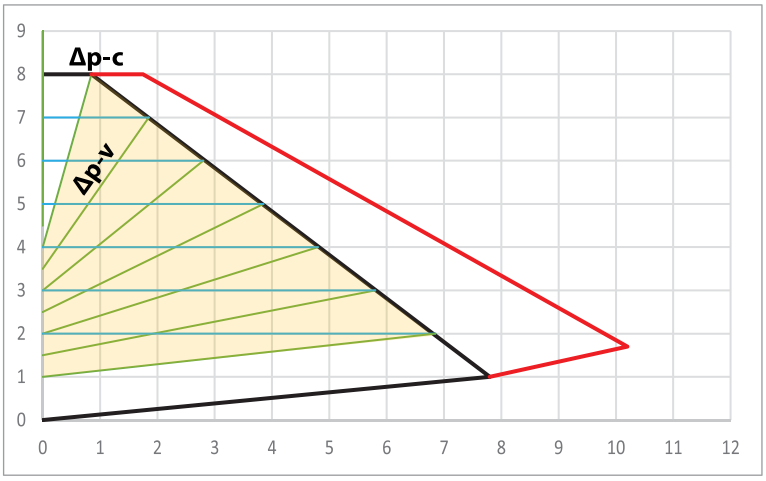
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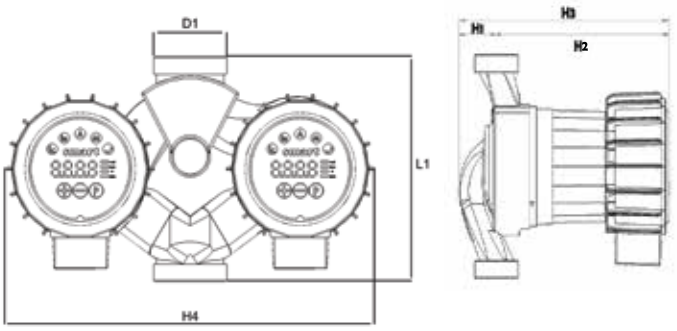
Circulation Pump With Gear Frequency Converter

SPM D 25/8- 180 inv twin





Tek pompa —— İki pompa ——



Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	7,75 - 10,20 m³ / h
Discharge Head H Maks.	8 mss
Technical Data	Energy Cosumption : 8 - 150 (w) Engine Speed : 4170 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 25 (G1½") Max Operating Pressure : 10 bar Weight : 8,8 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V

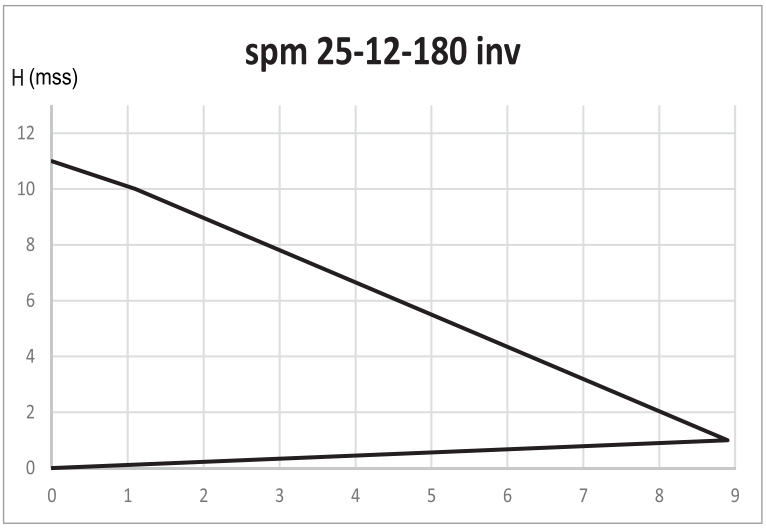
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
spm d 25/8 180 inv twin	G 1 ½	180	50	182	232	300	8,8 kg

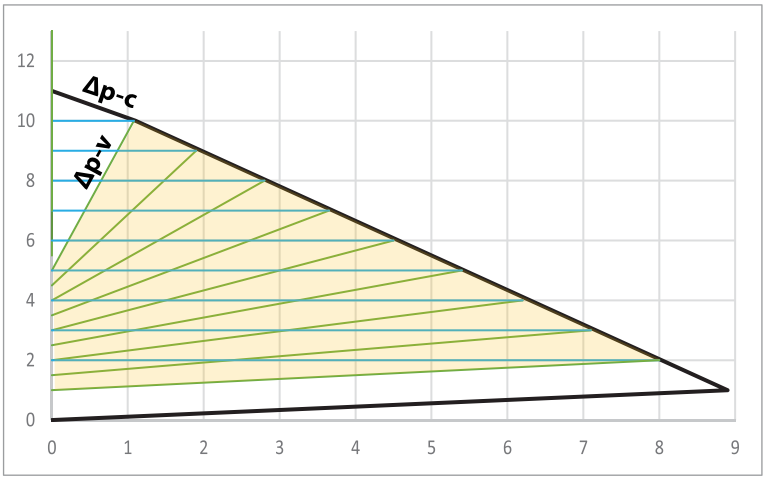
AYS MOTOR San. Tic. Ltd. Şti

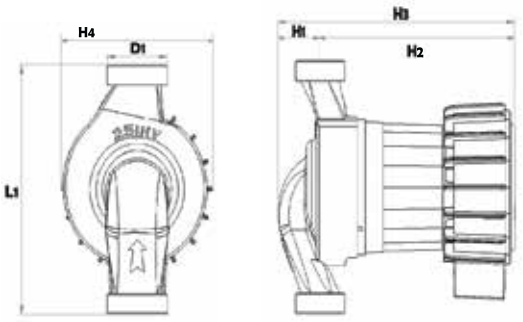


Circulation Pump With Gear Frequency Converter

SPM 25/12 - 180 inv







Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	8,90 m³ / h
Discharge Head H Maks.	12 mss
Technical Data	Energy Cosumption : 8 - 180 (w) Engine Speed : 4900 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 25 (G1½") Max Operating Pressure : 10 bar Weight : 4,1 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V

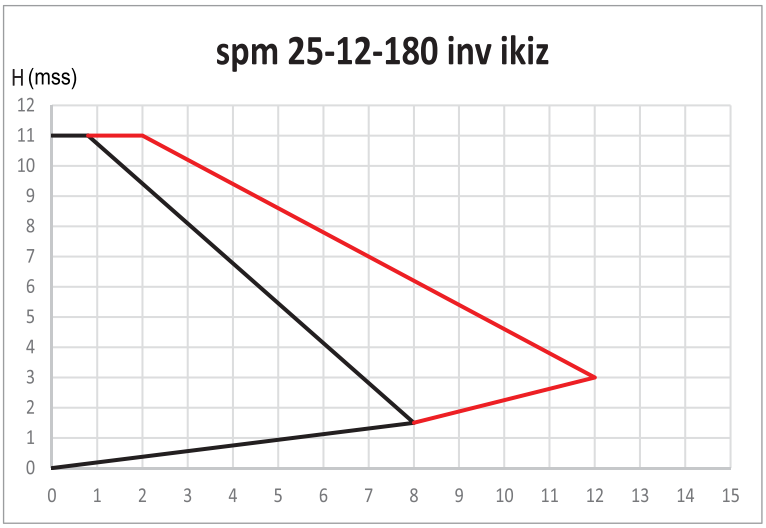
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
spm 25/12 180 inv	G 1 ½	180	42	194	236	121	4,1 kg

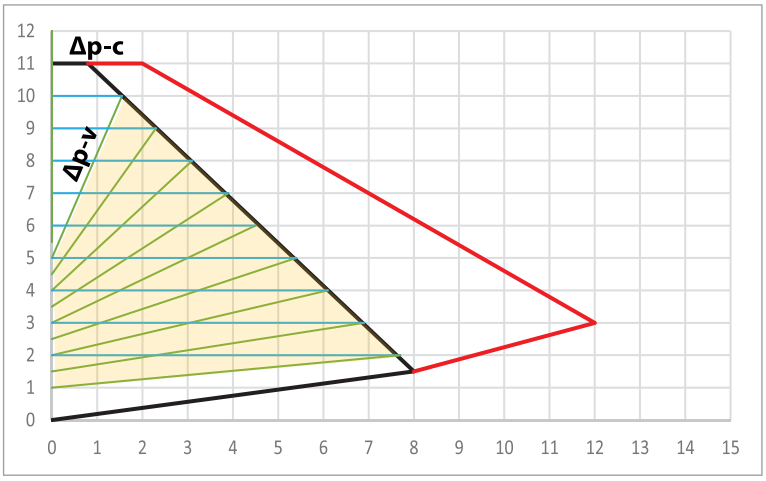
AYS MOTOR San. Tic. Ltd. Şti



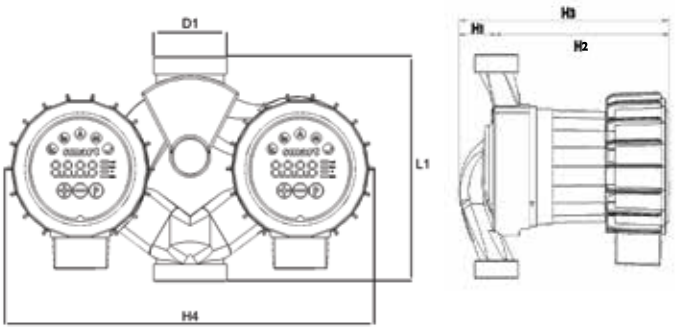
Circulation Pump With Gear Frequency Converter

SPM D 25/12- 180 inv ikiz





Tek pompa —— İki pompa ——



Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	8 - 12 m³ / h
Discharge Head H Maks.	12 mss
Technical Data	Energy Cosumption : 8 - 180 (w) Engine Speed : 4900 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 25 (G1½") Max Operating Pressure : 10 bar Weight : 8,8 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V

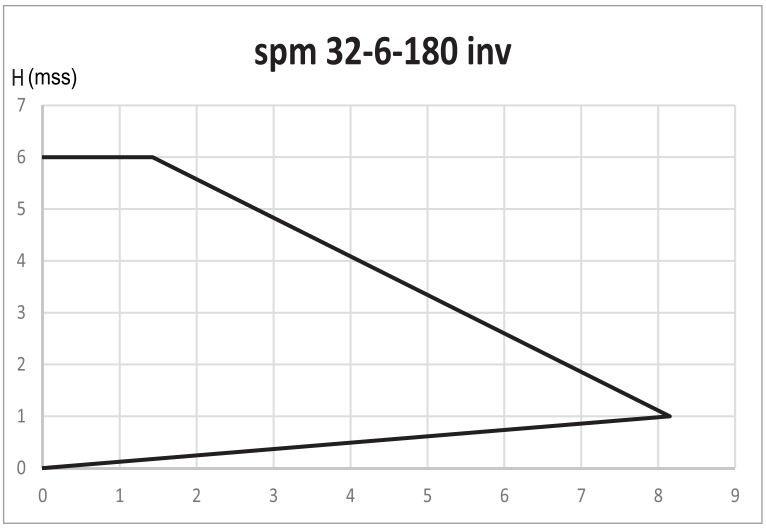
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
spm d 25/12 180 inv twin	G 1 ½	180	50	182	232	300	8,8 kg

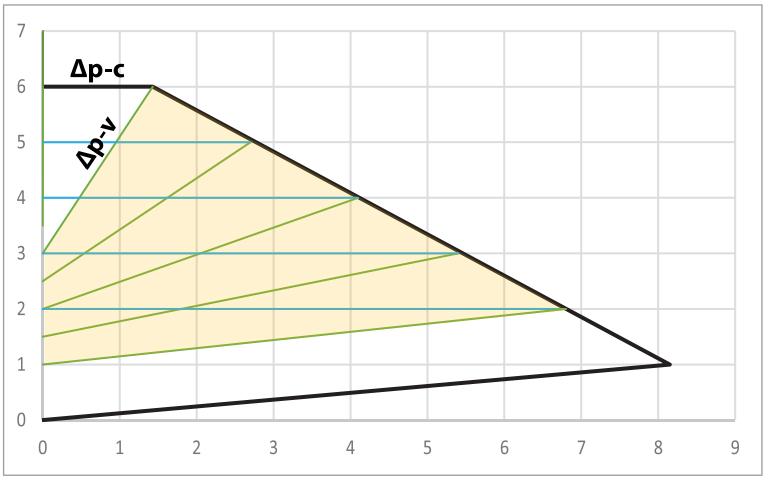
AYS MOTOR San. Tic. Ltd. Şti

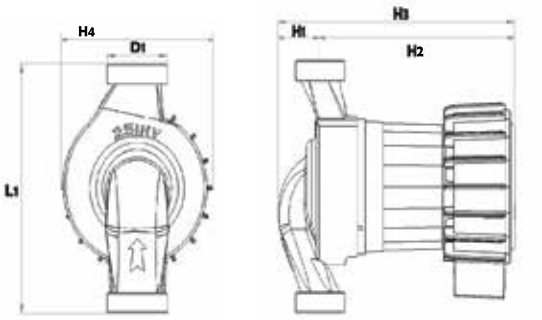


Circulation Pump With Gear Frequency Converter

SPM 32/6 - 180 inv







Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	8,15 m³ / h
Discharge Head H Maks.	6 mss
Technical Data	Energy Cosumption : 8 - 100 (w) Engine Speed : 3600 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 32 (G2") Max Operating Pressure : 10 bar Weight : 4,2 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V

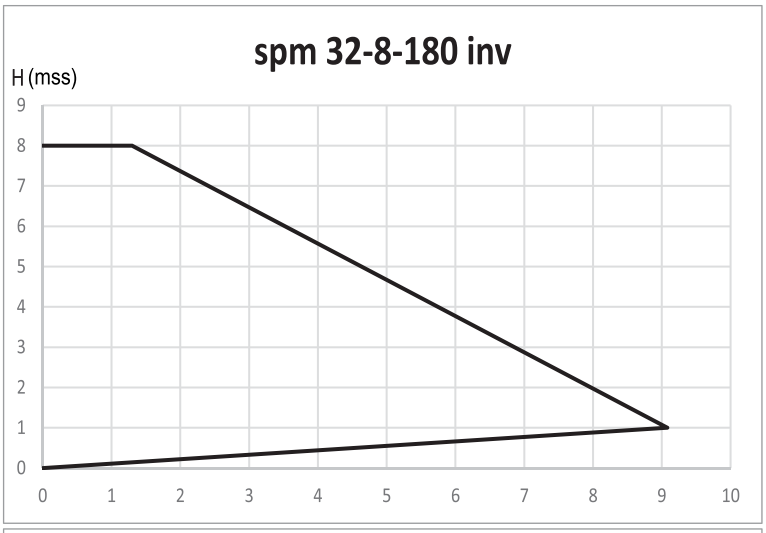
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
spm 32/6 180 inv	G 2	180	42	194	236	121	4,2 kg

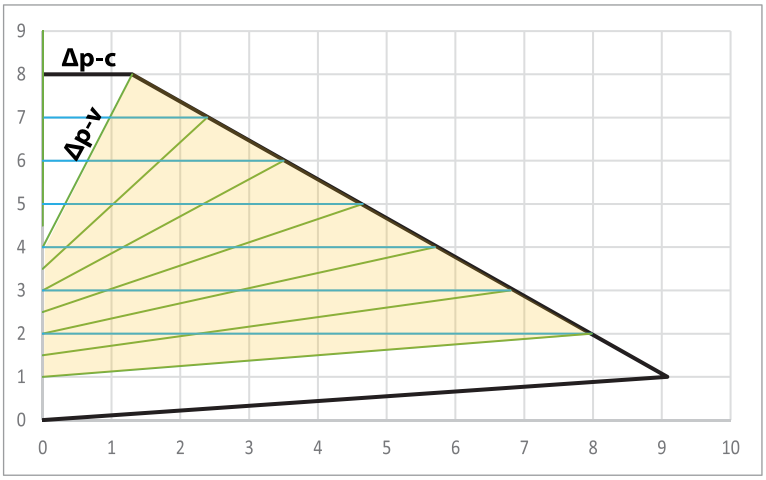
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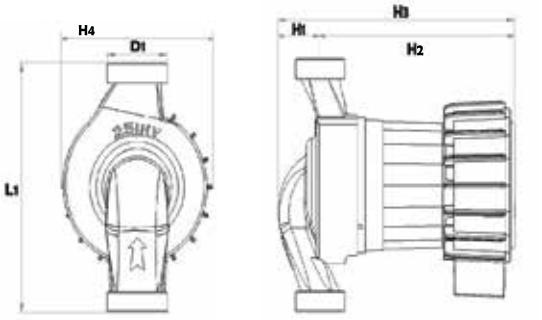


Circulation Pump With Gear Frequency Converter

SPM 32/8 - 180 inv







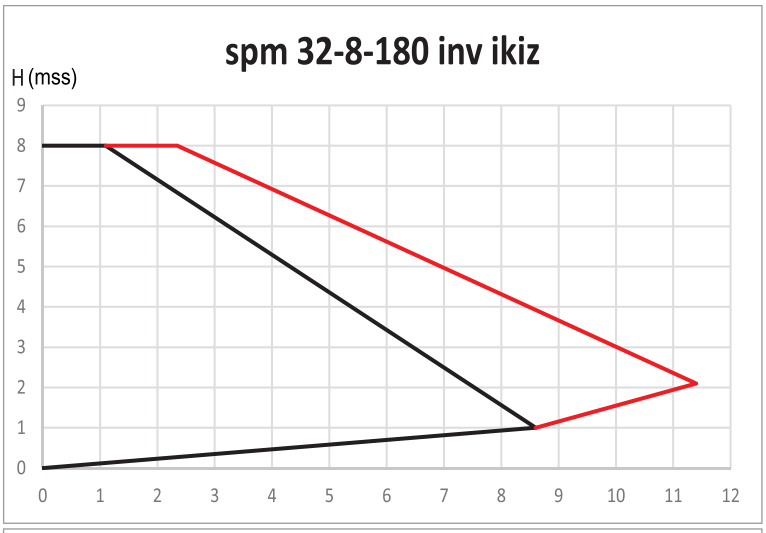
Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	9,08 m³ / h
Discharge Head H Maks.	8 mss
Technical Data	Energy Cosumption : 8 - 150 (w) Engine Speed : 4200 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 32 (G2") Max Operating Pressure : 10 bar Weight : 4,2 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V

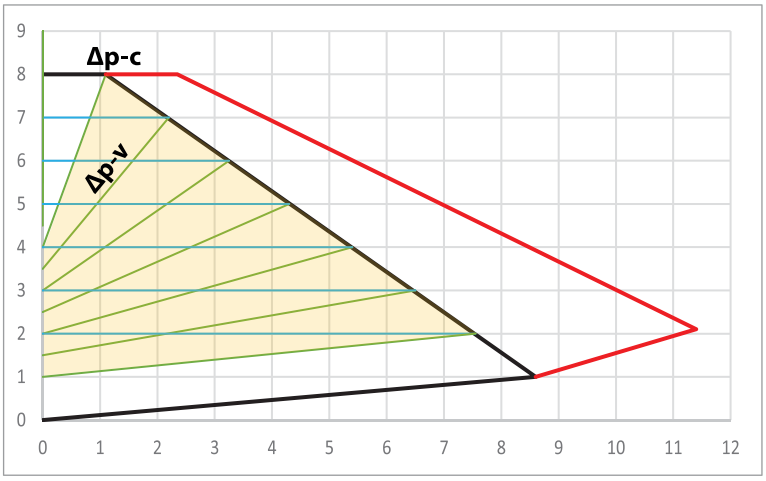
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
spm 32/8 180 inv	G 2	180	50	182	232	300	4,2 kg



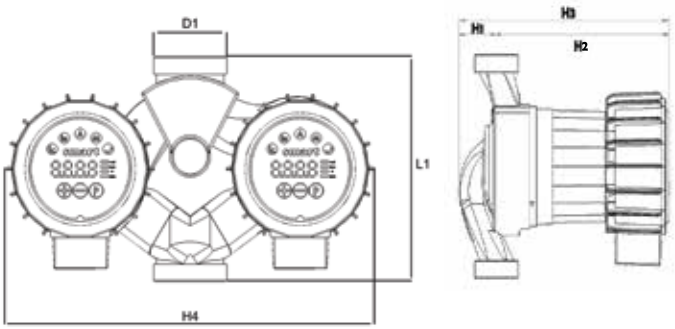
Circulation Pump With Gear Frequency Converter

SPM D 32/8 - 180 inv ikiz





Tek pompa —— İki pompa ——



Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	8,5 - 11,40 m³ / h
Discharge Head H Maks.	8 mss
Technical Data	Energy Cosumption : 8 - 150 (w) Engine Speed : 4200 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 32 (G2") Max Operating Pressure : 10 bar Weight : 8,8 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V

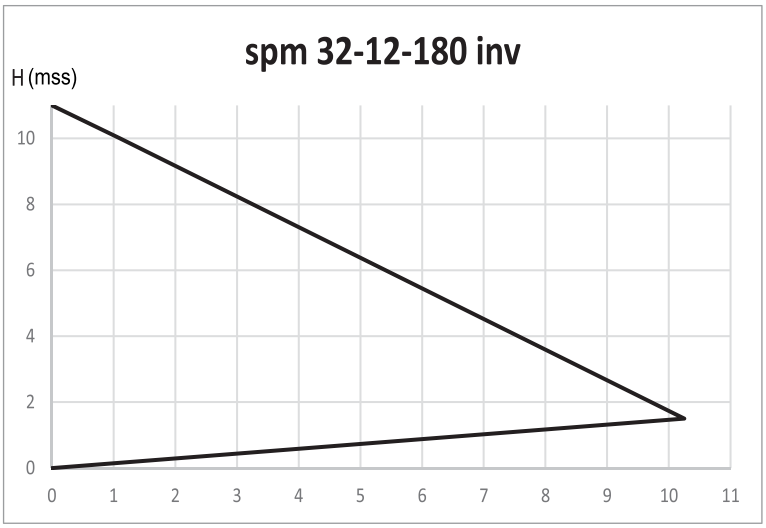
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
spm d 32/8 180 inv twin	G 2	180	50	182	232	300	8,8 kg

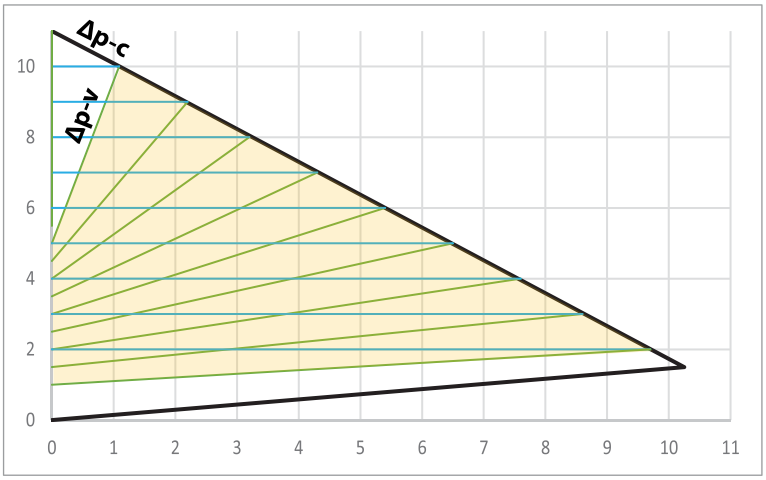
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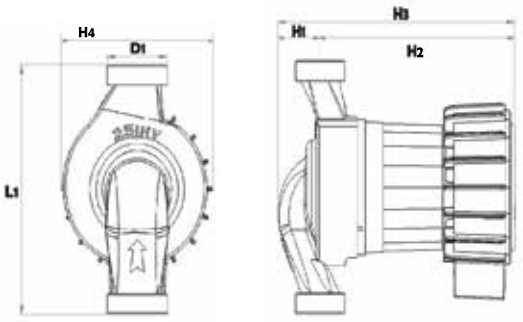


Circulation Pump With Gear Frequency Converter

SPM 32/12 - 180 inv







Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	10,25 m^3 / h
Discharge Head H Maks.	12 mss
Technical Data	Energy Cosumption : 8 - 180 (w) Engine Speed : 4950 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 32 (G2") Max Operating Pressure : 10 bar Weight : 4,2 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V

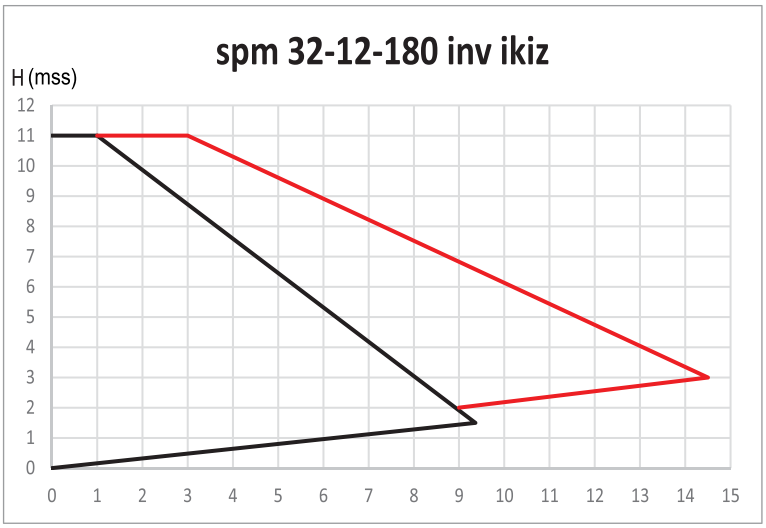
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
spm 32/12 180 inv	G 2	180	42	194	236	121	4,2 kg

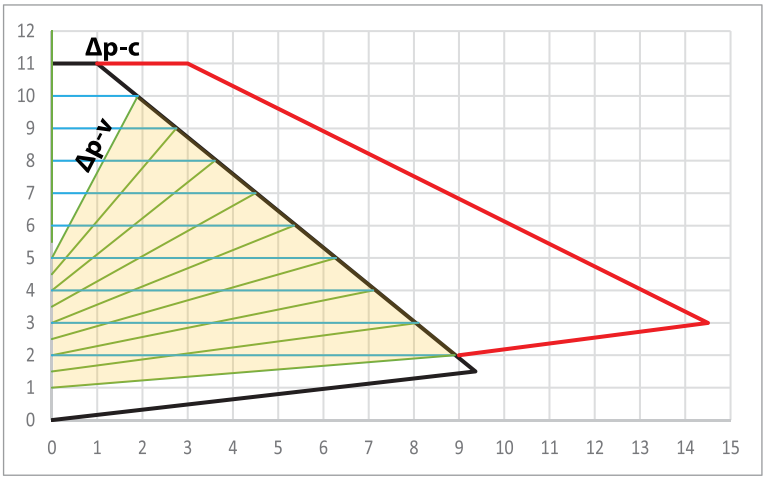
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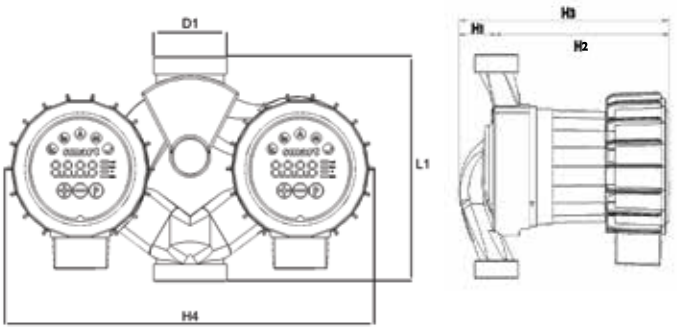
Circulation Pump With Gear Frequency Converter

SPM D 32/12 - 180 inv ikiz





Tek pompa — İki pompa —



Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	9,4 - 14,5 m³ / h
Discharge Head H Maks.	12 mss
Technical Data	Energy Cosumption : 8 - 180 (w) Engine Speed : 4950 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 32 (G2") Max Operating Pressure : 10 bar Weight : 8,8 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V

PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
spm d 32/8 180 inv twin	G 2	180	50	182	232	300	8,8 kg

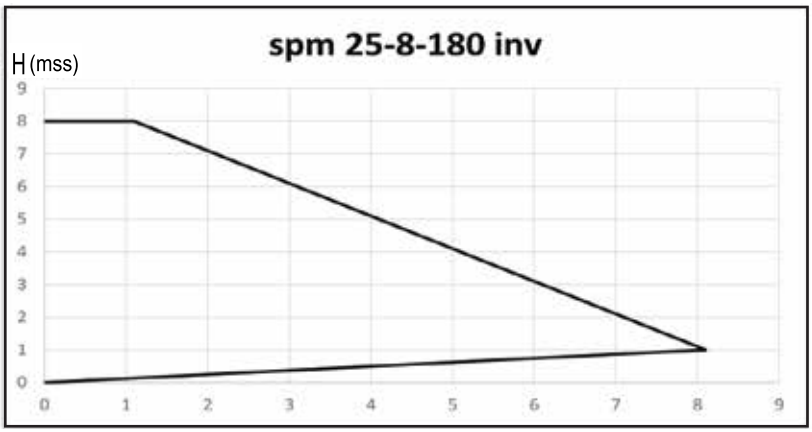
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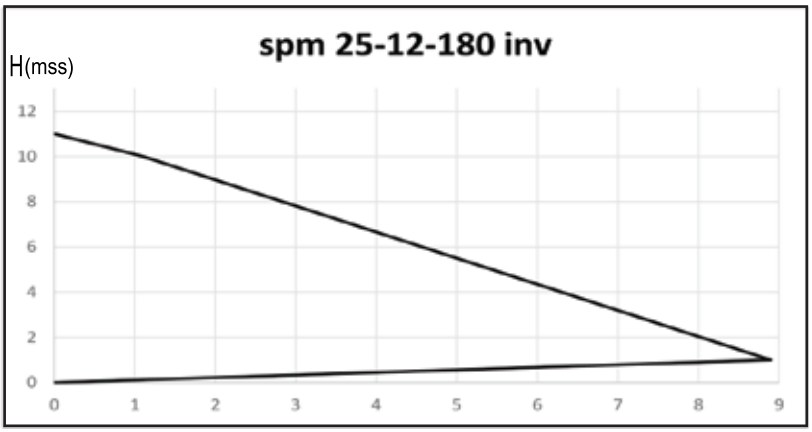


Circulation Pump With Gear Frequency Converter

SPM DN25 Recirculation inv







Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Technical Data	Energy Cosumption : 100 - 180 (w) Engine Speed : 3600 - 4900 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 25 (G1½") Max Operating Pressure : 10 bar Weight : 5,06 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V

PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
spm dn25 recirculation inv	G 1 ½	180	42	194	236	121	5,06 kg

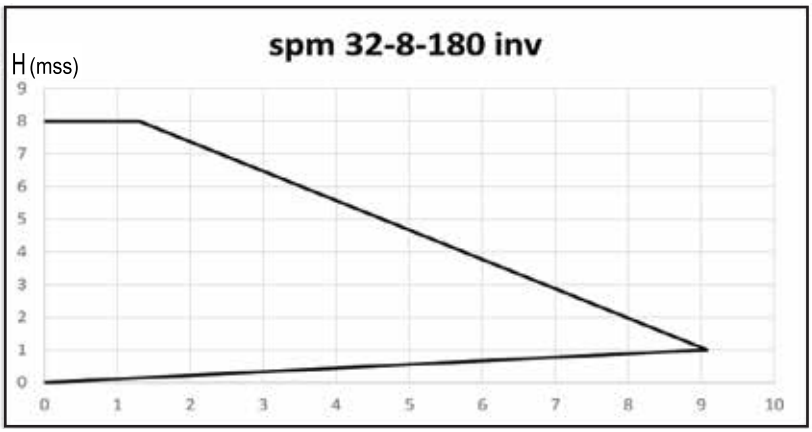
AYS MOTOR San. Tic. Ltd. Şti

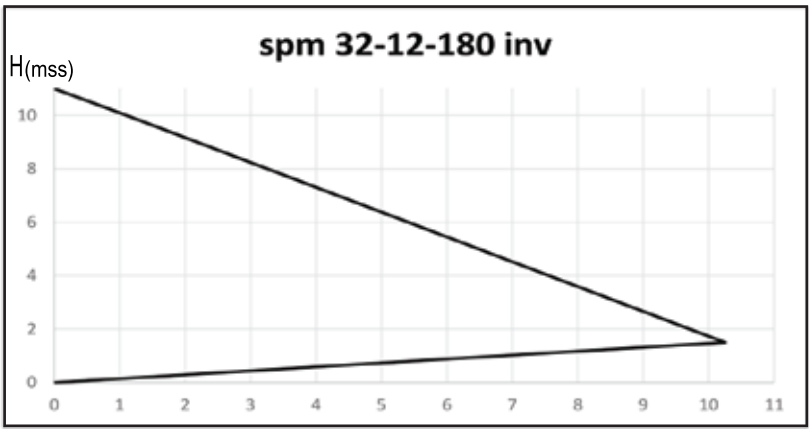


Circulation Pump With Gear Frequency Converter

SPM DN32 Recirculation inv







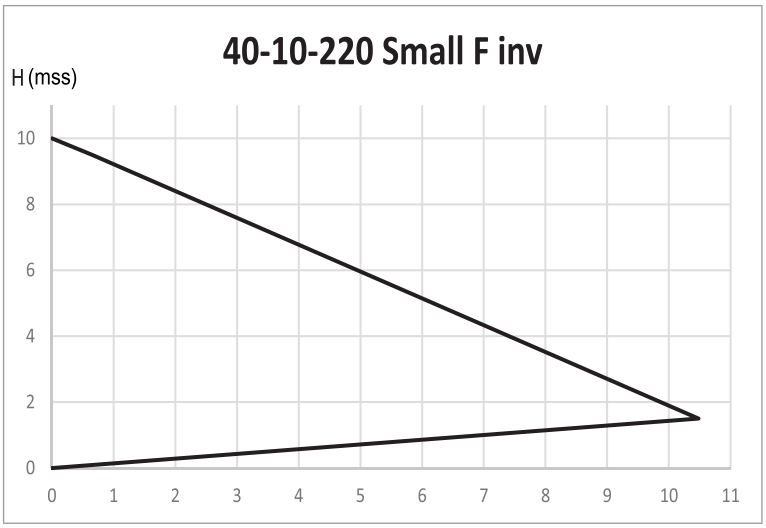
Product Range	Permanent Magnet ECM technology Gear Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Technical Data	Energy Cosumption : 100 - 180 (w) Engine Speed : 3600 - 4950 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN 32 (G2") Max Operating Pressure : 10 bar Weight : 5,32 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V

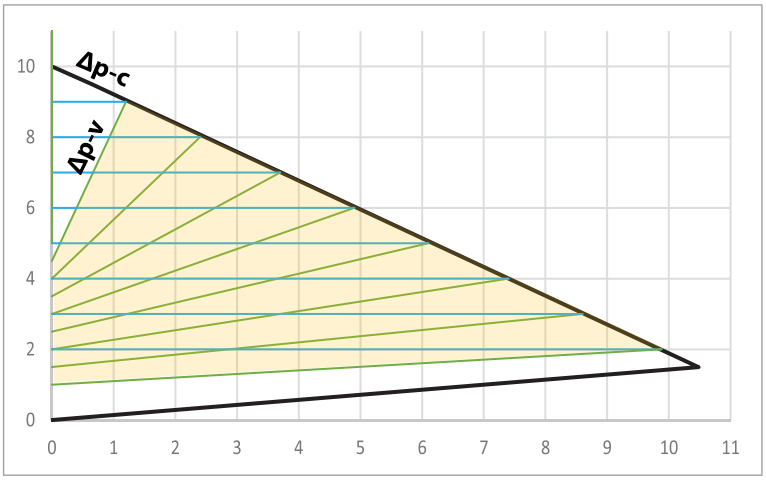
PUMP TYPE	D1	L1	H1	H2	H3	H4	Weight
spm dn32 recirculation inv	G 2	180	42	194	236	121	5,32 kg



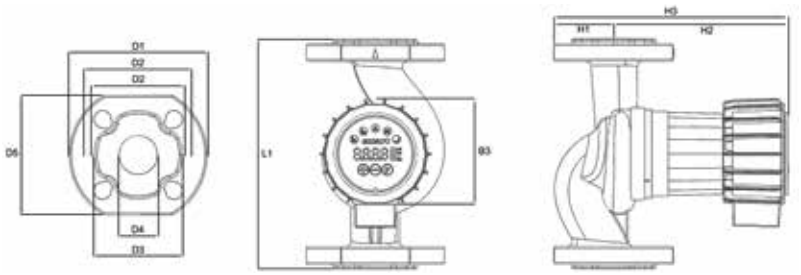
Circulation Pump With Flanged Frequency Converter

SPM 40/10 - 220 SMALL F inv





Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	10,48 m³ / h
Discharge Head H Maks.	10 mss
Technical Data	Energy Cosumption : 9 - 180 (w) Engine Speed : 4500 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (40) Max Operating Pressure : 10 bar Weight : 9,1 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V



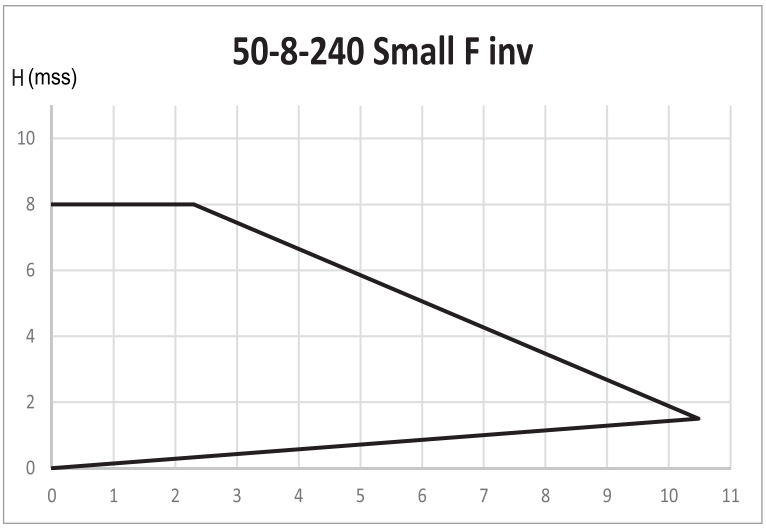
PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		L1	H1	H2	H3	H4	Weight
		PN6	PN10				PN6	PN10						
spm 40/10 220 small f inv	150	100	110	90	44	130	4x14	4x18	220	65	190	255	150	9,1 kg

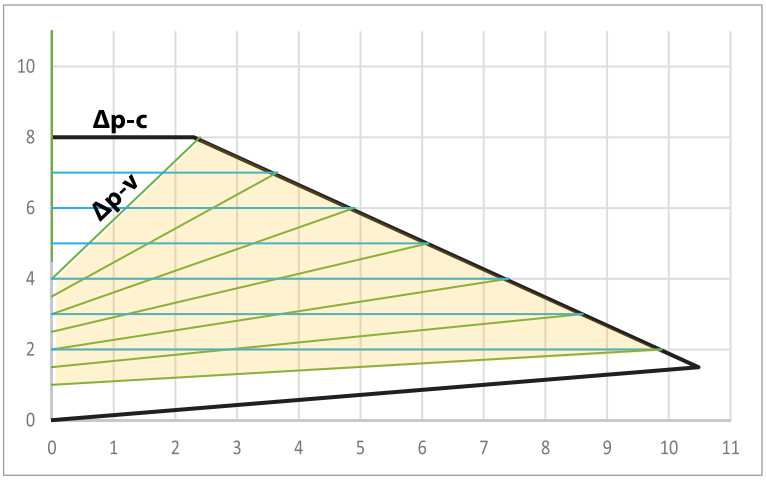
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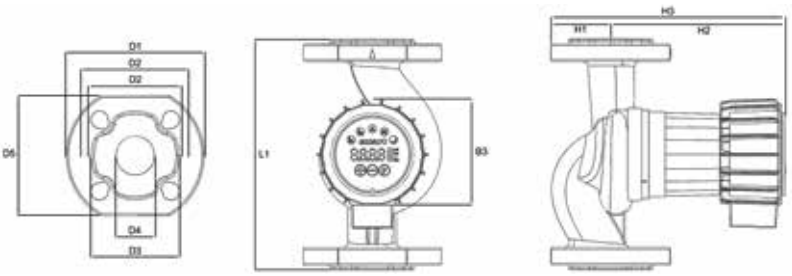
Circulation Pump With Flanged Frequency Converter

SPM 50/8 - 240 SMALL F inv





Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	10,48 m³ / h
Discharge Head H Maks.	8 mss
Technical Data	Energy Cosumption : 9 - 180 (w) Engine Speed : 4200 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (50) Max Operating Pressure : 10 bar Weight : 10 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specification	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V



PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		L1	H1	H2	H3	H4	Weight
		PN6	PN10				PN6	PN10						
spm 50/8 240 small f inv	160	110	125	100	54	140	4x14	4x18	240	70	195	265	160	10 kg

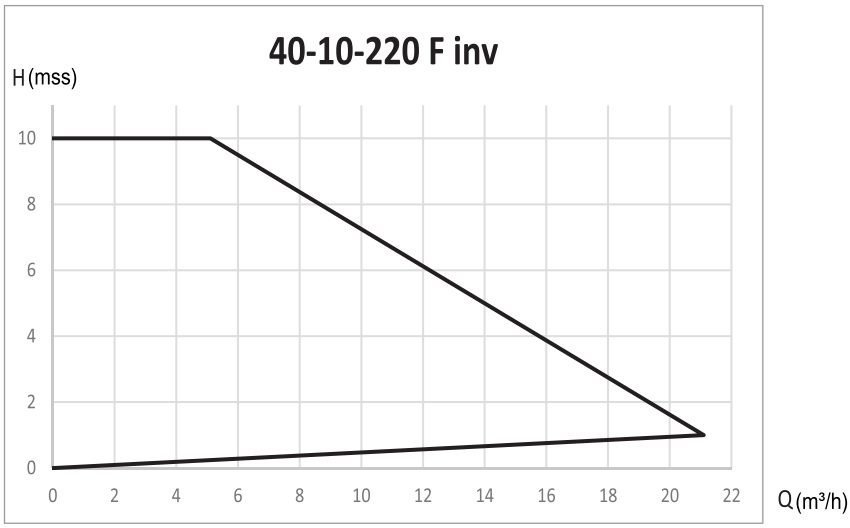
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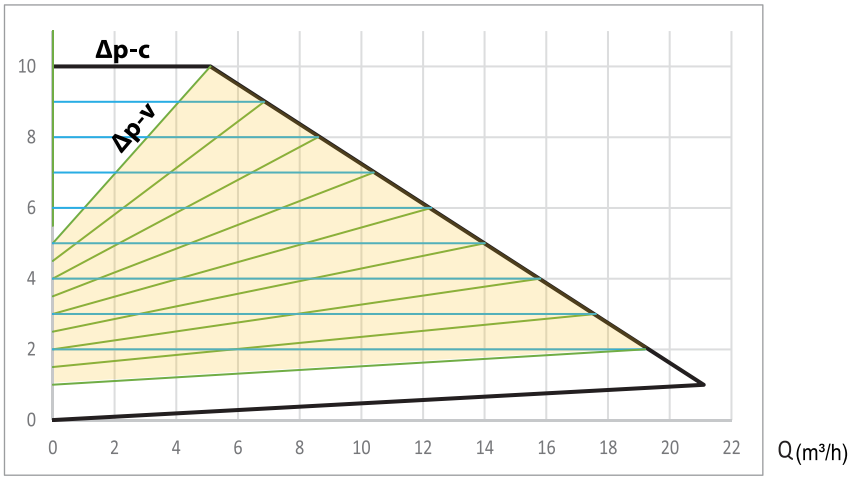


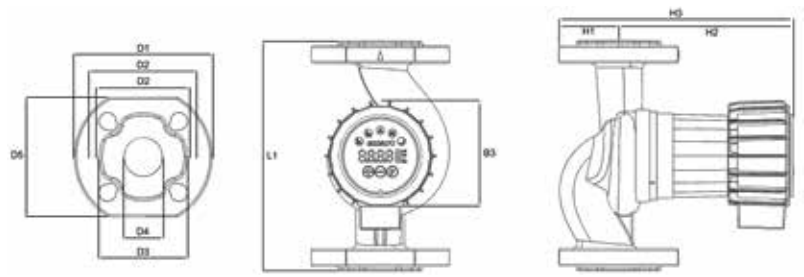
Circulation Pump With Flanged Frequency Converter

SPM 40/10 - 220 F inv

Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	21,12 m^3 / h
Discharge Head H Maks.	10 mss
Technical Data	Energy Cosumption : 25 - 400 (w) Engine Speed : 3750 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (40) Max Operating Pressure : 10 bar Weight : 9,8 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V







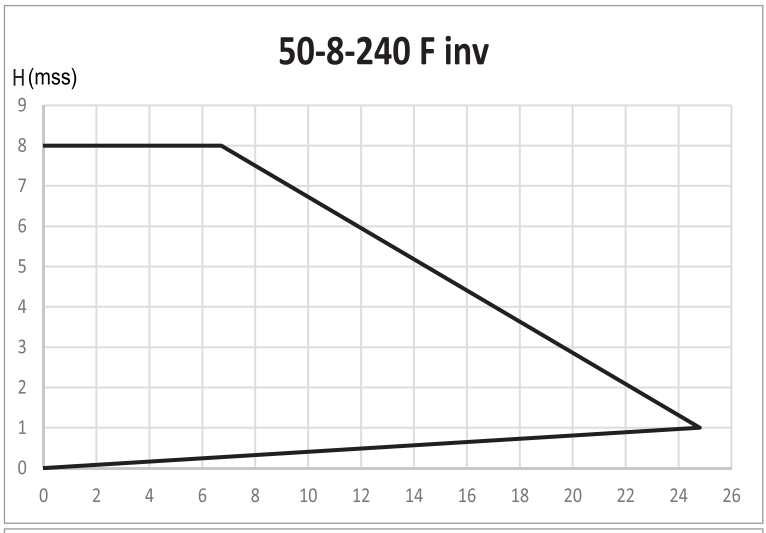
PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		L1	H1	H2	H3	H4	Weight
		PN6	PN10				PN6	PN10						
spm 40/10 220 f inv	150	100	110	90	44	130	4x14	4x18	220	65	190	255	150	9,8 kg

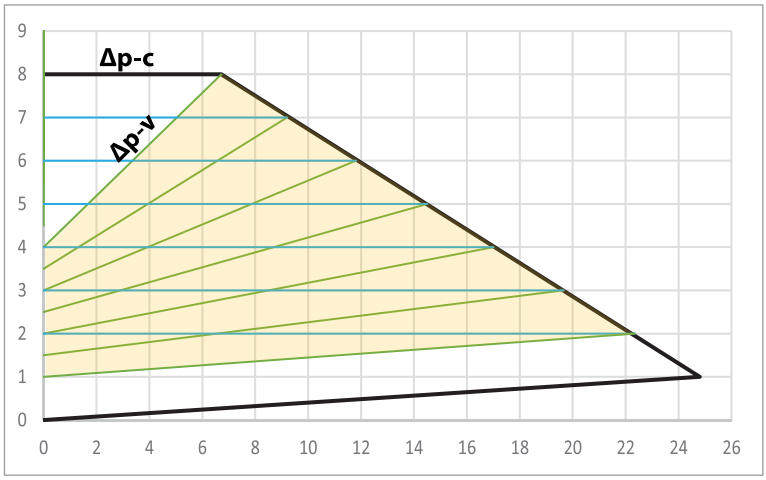
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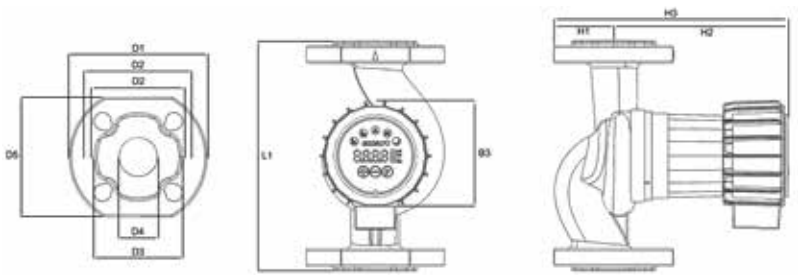
Circulation Pump With Flanged Frequency Converter

SPM 50/8 - 240 F inv





Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	21,12 m³ / h
Discharge Head H Maks.	8 mss
Technical Data	Energy Cosumption : 25 - 400 (w) Engine Speed : 3500 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (50) Max Operating Pressure : 10 bar Weight : 10,7 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specification	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V



PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		L1	H1	H2	H3	H4	Weight
		PN6	PN10				PN6	PN10						
spm 50/8 240 f inv	160	110	125	100	54	140	4x14	4x18	240	70	195	265	160	10,7 kg

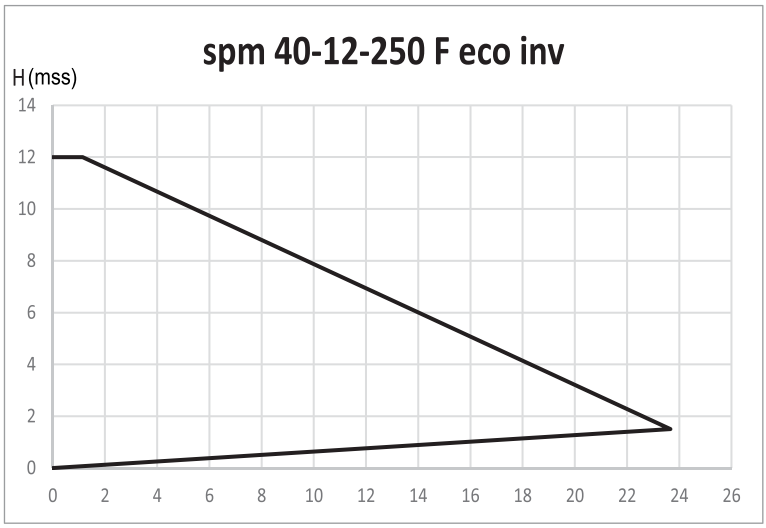
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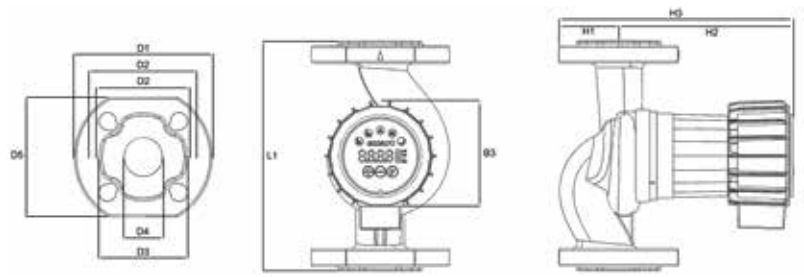
Circulation Pump With Flanged Frequency Converter

SPM 40/12 - 250 F ECO inv

Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	23,66 m³ / h
Discharge Head H Maks.	12 mss
Technical Data	Energy Cosumption : 30 - 480 (w) Engine Speed : 4100 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (40) Max Operating Pressure : 10 bar Weight : 9,7 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V





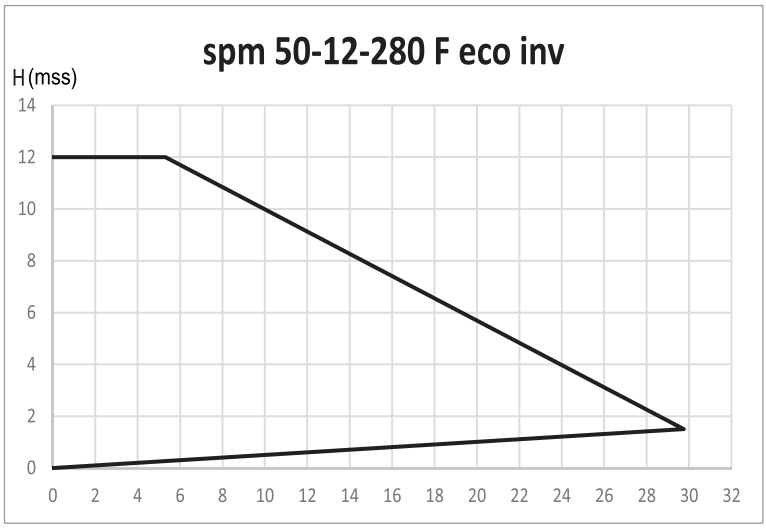


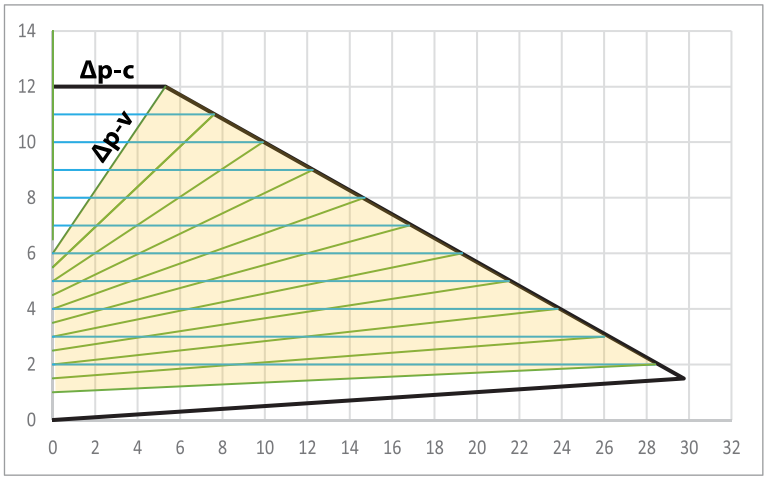
PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		L1	H1	H2	H3	H4	Weight
		PN6	PN10				PN6	PN10						
spm 40/12 250 f eco inv	150	100	110	90	44	130	4x14	4x18	250	65	190	255	150	9,7 kg



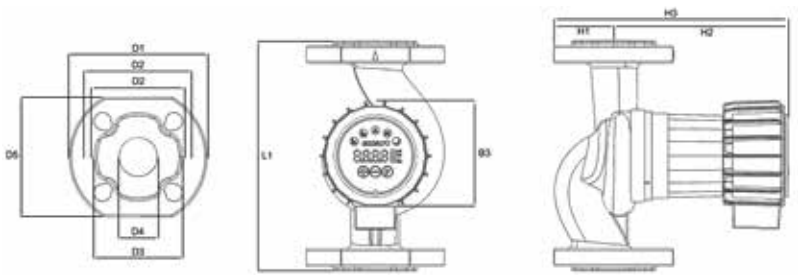
Circulation Pump With Flanged Frequency Converter

SPM 50/12 - 280 F ECO inv





Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	29,75 m³ / h
Discharge Head H Maks.	12 mss
Technical Data	Energy Cosumption : 26 - 560 (w) Engine Speed : 4120 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (50) Max Operating Pressure : 10 bar Weight : 11 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V



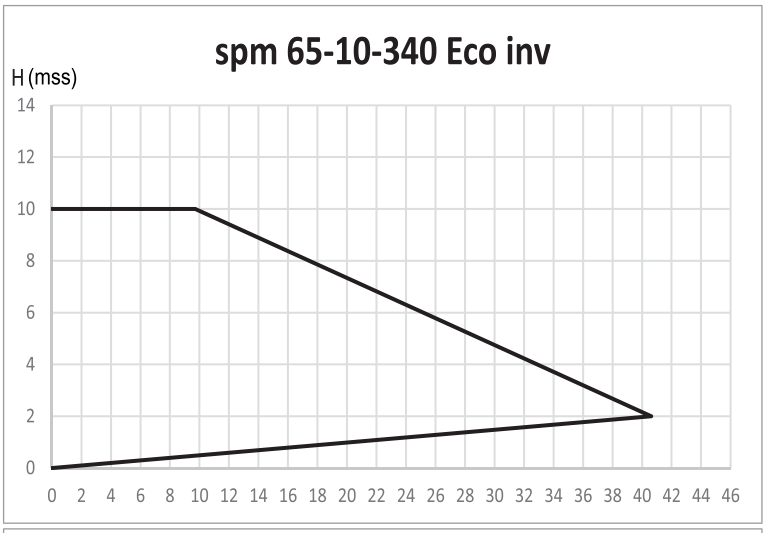
PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		L1	H1	H2	H3	H4	Weight
		PN6	PN10				PN6	PN10						
spm 50/12 280 f eco inv	160	110	125	100	54	140	4x14	4x18	280	70	195	265	160	11 kg

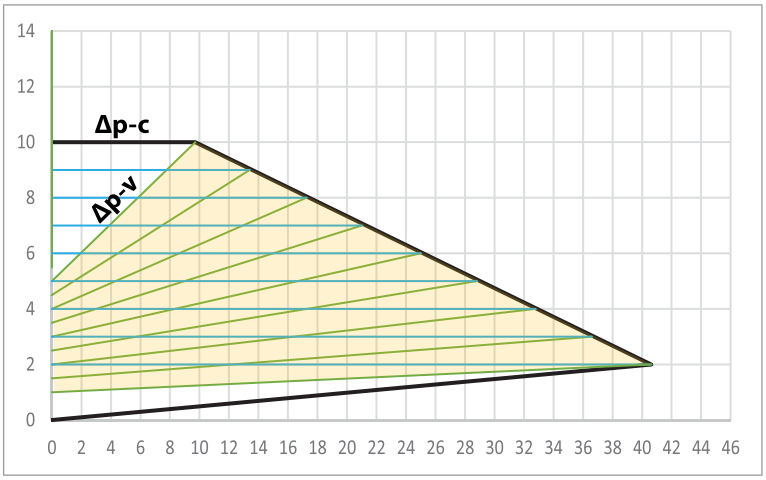
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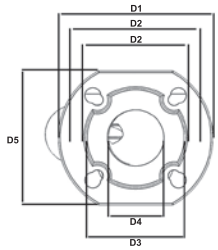
Circulation Pump With Flanged Frequency Converter

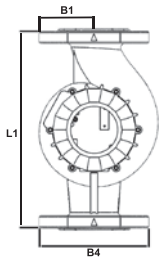
SPM 65/10 - 340 F ECO inv

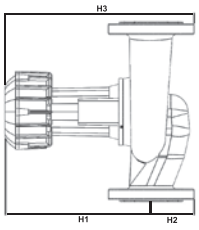




Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks. Discharge Head H Maks.	40,62 m³ / h 10 mss
Technical Data	Energy Cosumption : 50 - 750 (w) Engine Speed : 3640 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (65) Max Operating Pressure : 10 bar Weight : 19 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V





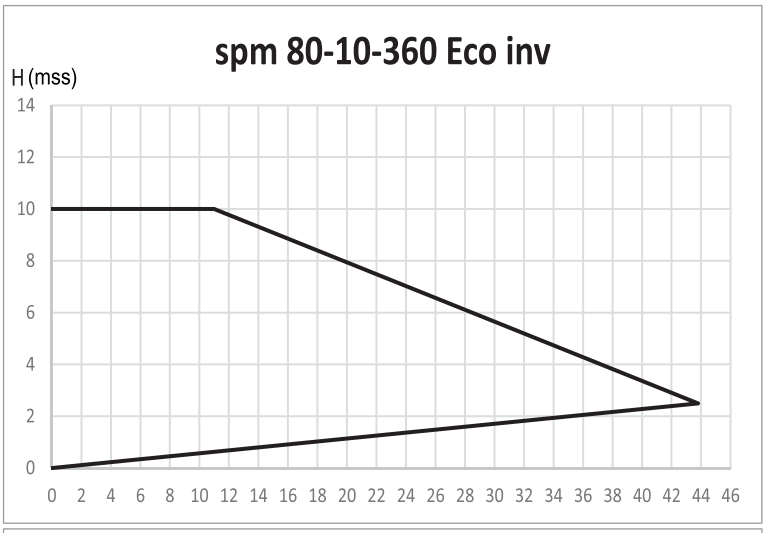


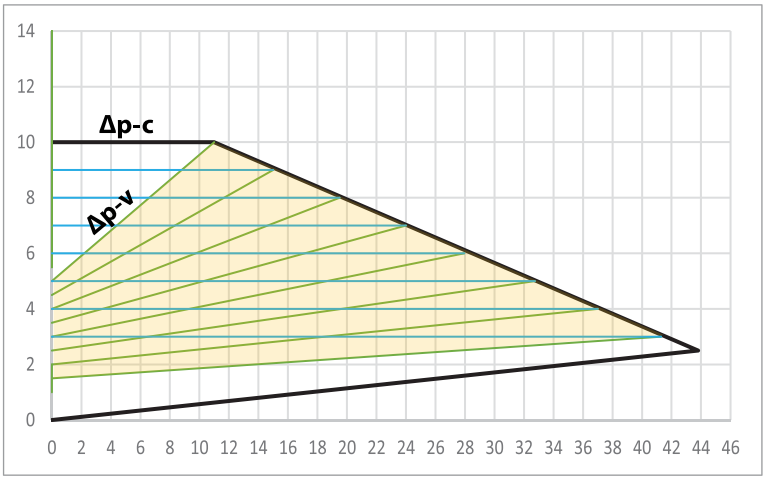
PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		B1	B4	L1	H1	H2	H3	Weight
		PN6	PN10				PN6	PN10							
spm 65/10 340 f eco inv	185	130	145	120	69	162	4x14	4x18	92,5	200	340	285	81	366	19 kg



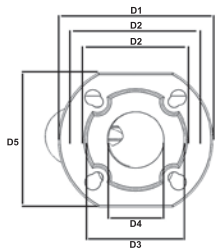
Circulation Pump With Flanged Frequency Converter

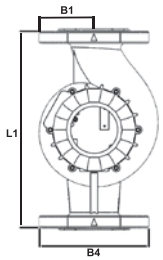
SPM 80/10 - 360 F ECO inv

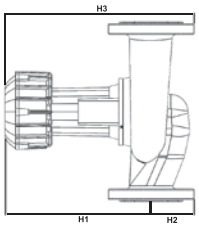




Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	43,8 m³ / h
Discharge Head H Maks.	10 mss
Technical Data	Energy Cosumption : 56 - 850 (w) Engine Speed : 3755 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (80) Max Operating Pressure : 10 bar Weight : 19 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V







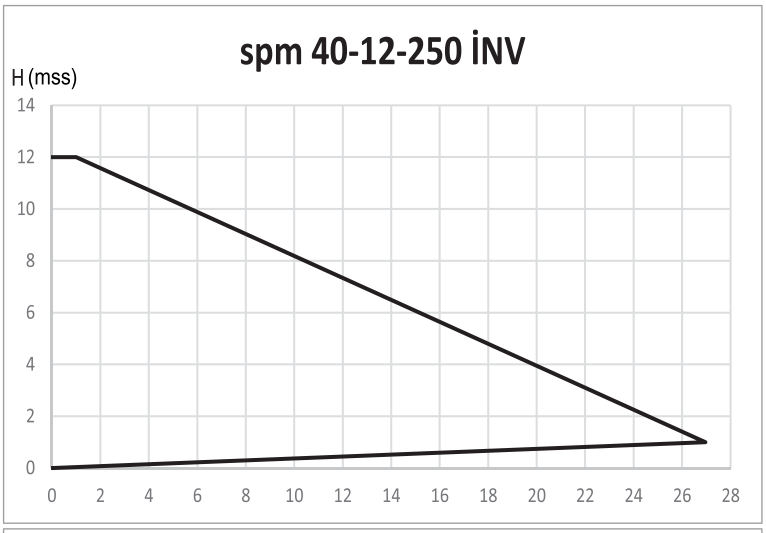
PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		B1	B4	L1	H1	H2	H3	Weight
		PN6	PN10				PN6	PN10							
spm 80/10 360 f eco inv	185	130	145	120	69	162	4x14	4x18	92,5	200	360	285	81	366	19 kg

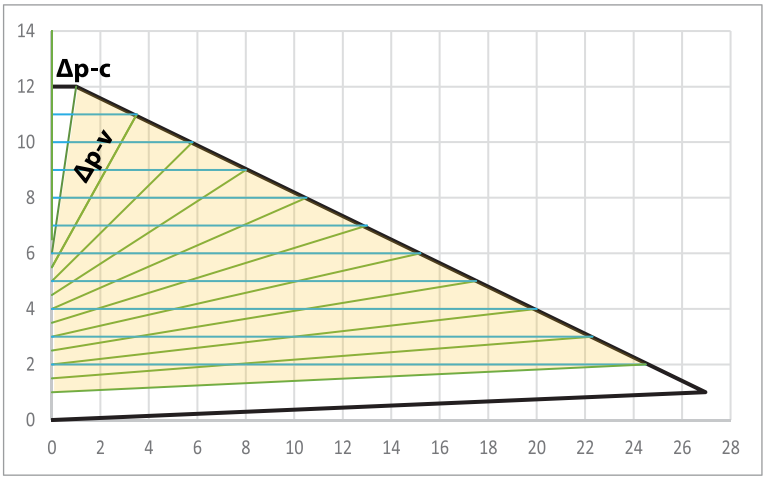
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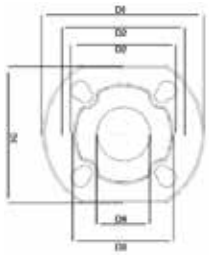
Circulation Pump With Flanged Frequency Converter

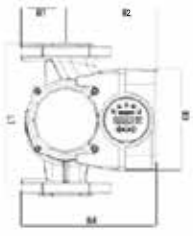
SPM 40/12 - 250 İNV

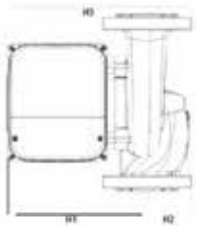




Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	26,96 m³ / h
Discharge Head H Maks.	12 mss
Technical Data	Energy Cosumption : 39 - 460 (w) Engine Speed : 4200 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (40) Max Operating Pressure : 10 bar Weight : 18 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V







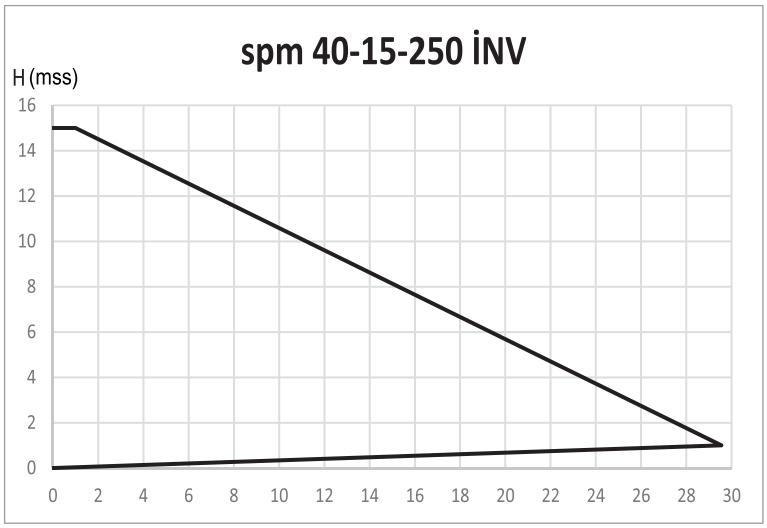
PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		B1	B2	B3	B4	L1	H1	H2	H3	Weight
		PN6	PN10				PN6	PN10									
spm 40/12 250 inv	150	100	110	90	44	130	4x14	4x18	75	168	188	243	250	225	65	290	18 kg

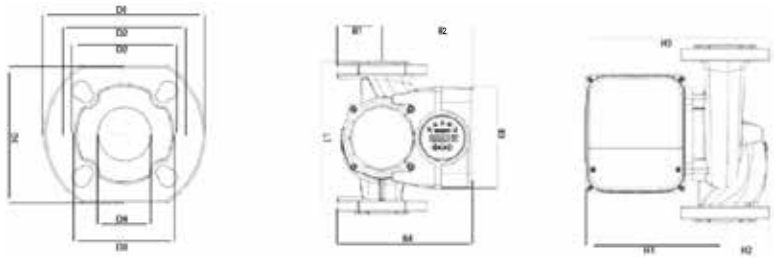


Circulation Pump With Flanged Frequency Converter

SPM 40/15 - 250 İNV

Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	29,55 m^3 / h
Discharge Head H Maks.	15 mss
Technical Data	Energy Cosumption : 38 - 630 (w) Engine Speed : 4600 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (40) Max Operating Pressure : 10 bar Weight : 18 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V





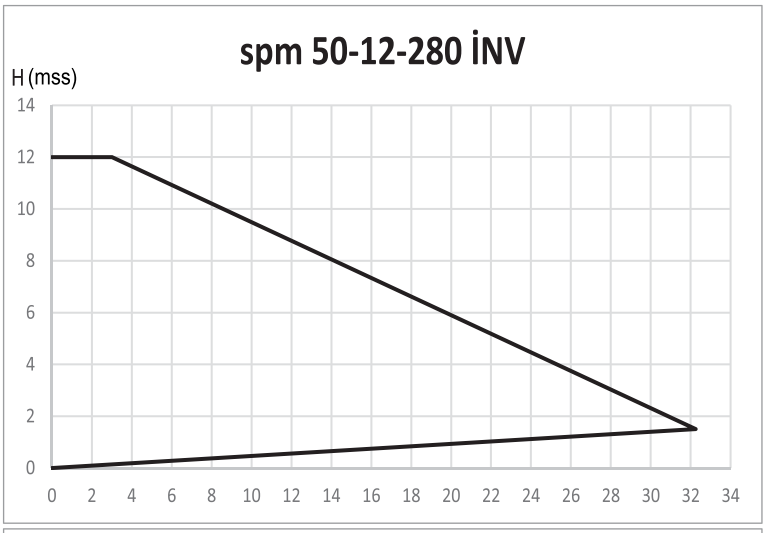
PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		B1	B2	B3	B4	L1	H1	H2	H3	Weight
		PN6	PN10				PN6	PN10									
spm 40/15 250 inv	150	100	110	90	44	130	4x14	4x18	75	168	188	243	250	225	65	290	18 kg

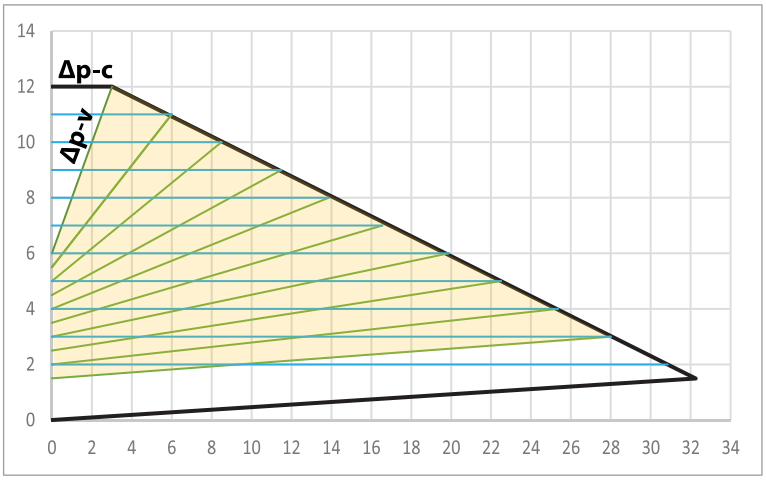
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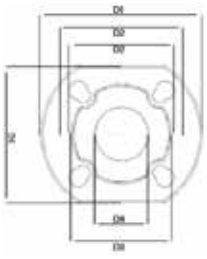
Circulation Pump With Flanged Frequency Converter

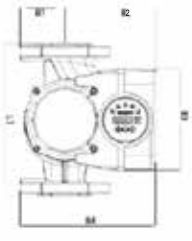
SPM 50/12 - 280 İNV

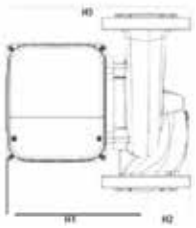




Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	32,25 m³ / h
Discharge Head H Maks.	12 mss
Technical Data	Energy Cosumption : 38 - 540 (w) Engine Speed : 4300 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (50) Max Operating Pressure : 10 bar Weight : 19,4 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V





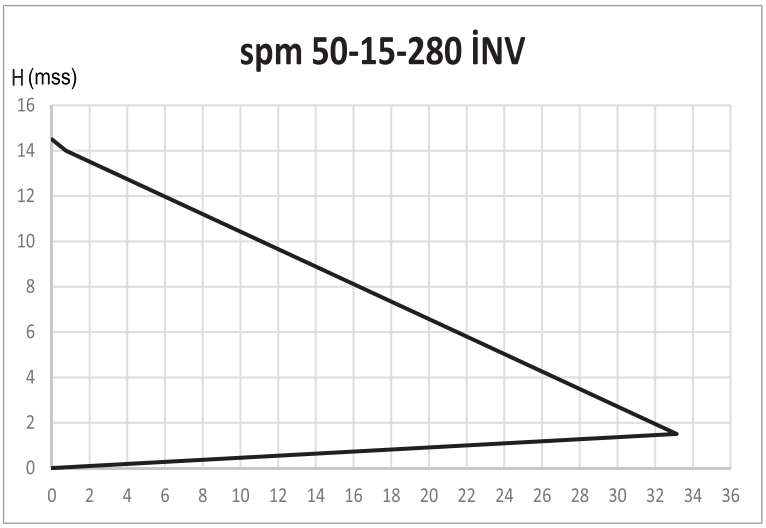


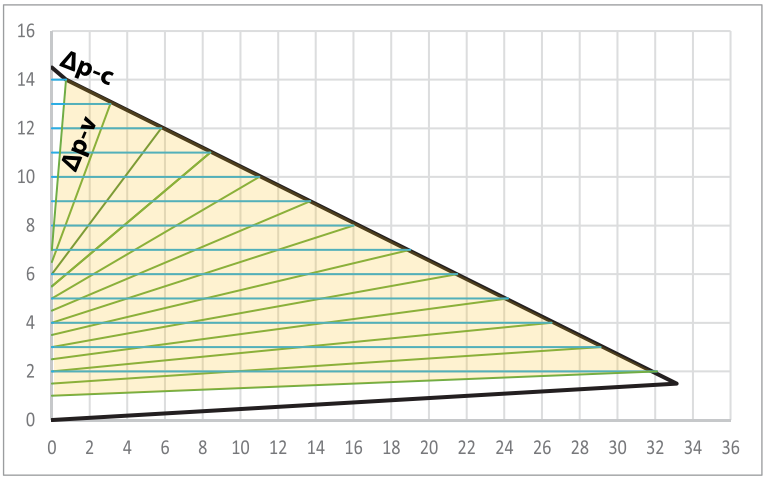
PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		B1	B2	B3	B4	L1	H1	H2	H3	Weight
		PN6	PN10				PN6	PN10									
spm 50/12 280 inv	165	110	125	100	54	140	4x14	4x18	82	168	188	250	280	225	70	295	19,40 kg



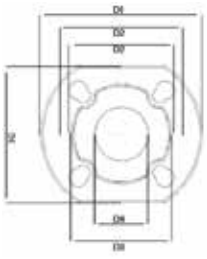
Circulation Pump With Flanged Frequency Converter

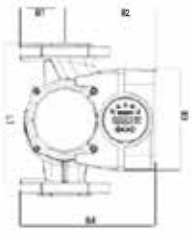
SPM 50/15 - 280 İNV

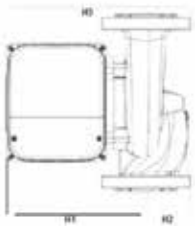




Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	33,14 m³ / h
Discharge Head H Maks.	15 mss
Technical Data	Energy Cosumption : 34 - 640 (w) Engine Speed : 4600 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (50) Max Operating Pressure : 10 bar Weight : 19,4 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V







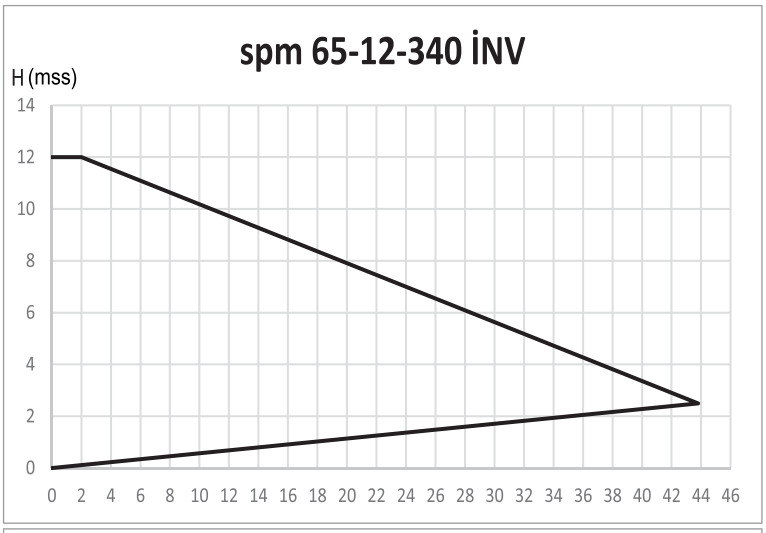
PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		B1	B2	B3	B4	L1	H1	H2	H3	Weight
		PN6	PN10				PN6	PN10									
spm 50/15 280 inv	165	110	125	100	54	140	4x14	4x18	82	168	188	250	280	225	70	295	19,40 kg

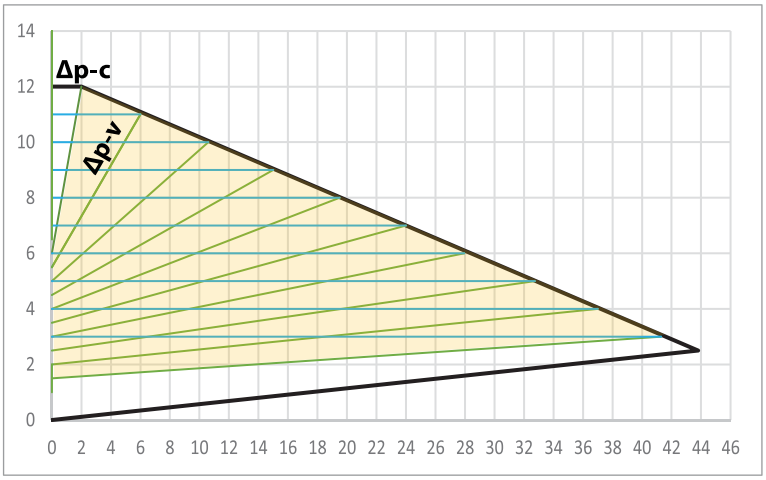
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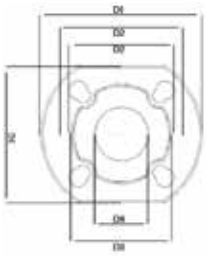
Circulation Pump With Flanged Frequency Converter

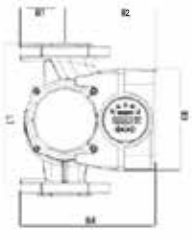
SPM 65/12 - 340 İNV

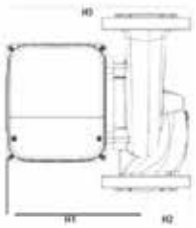




Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, ındustrial circulation systems
Flow Q Maks. Discharge Head H Maks.	43,8 m³ / h 12 mss
Technical Data	Energy Cosumption : 56 - 780 (w) Engine Speed : 4100 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (65) Max Operating Pressure : 10 bar Weight : 24,75 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V







PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		B1	B2	B3	B4	L1	H1	H2	H3	Weight
		PN6	PN10				PN6	PN10									
spm 65/12 340 inv	185	130	145	120	69	162	4x14	4x18	92,5	167,5	188	260	340	233	81	314	24,75kg

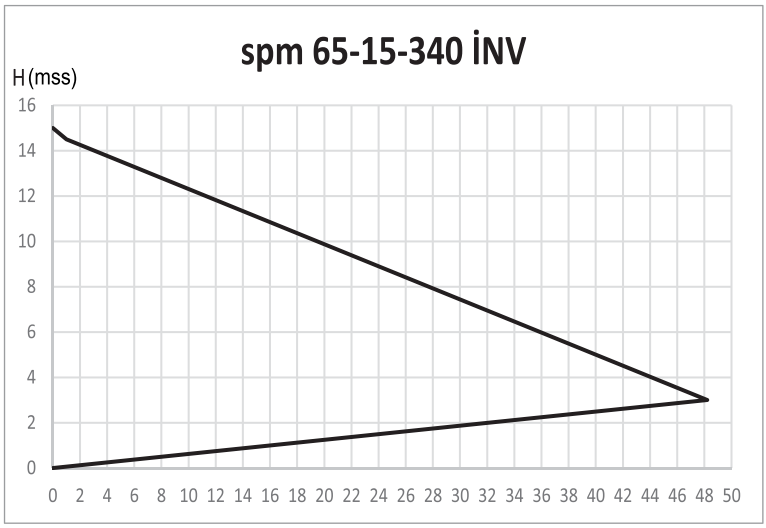
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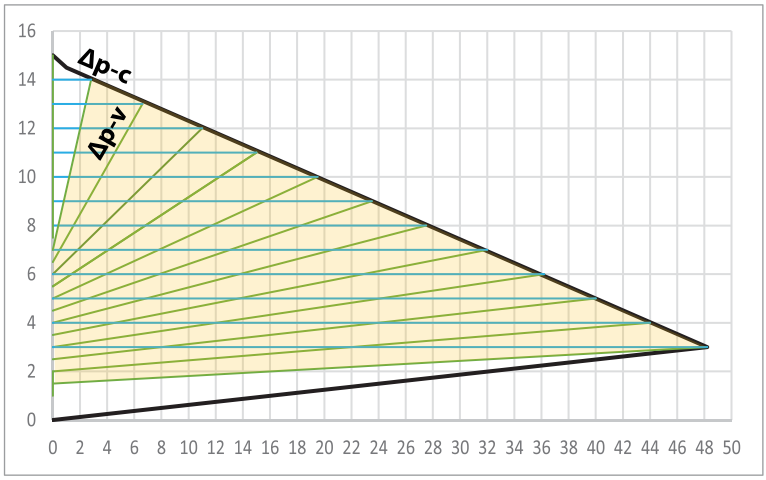


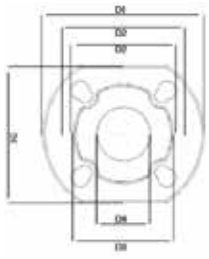
Circulation Pump With Flanged Frequency Converter

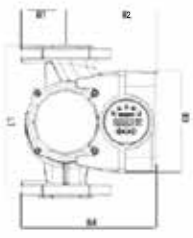
SPM 65/15 - 340 İNV

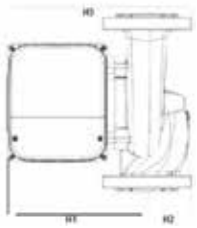
Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	48,21 m³ / h
Discharge Head H Maks.	15 mss
Technical Data	Energy Cosumption : 57 - 1000 (w) Engine Speed : 4500 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (65) Max Operating Pressure : 10 bar Weight : 24,75 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specification	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V











PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		B1	B2	B3	B4	L1	H1	H2	H3	Weight
		PN6	PN10				PN6	PN10									
spm 65/15 340 inv	185	130	145	120	69	162	4x14	4x18	92,5	167,5	188	260	340	233	81	314	24,75 kg

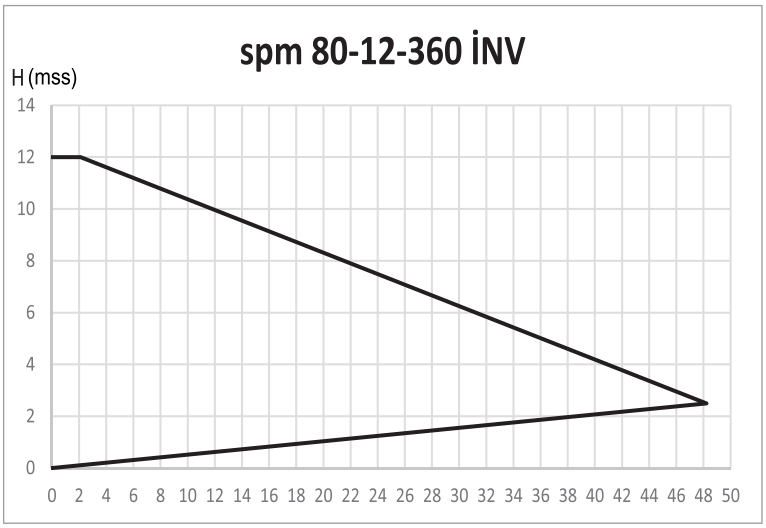
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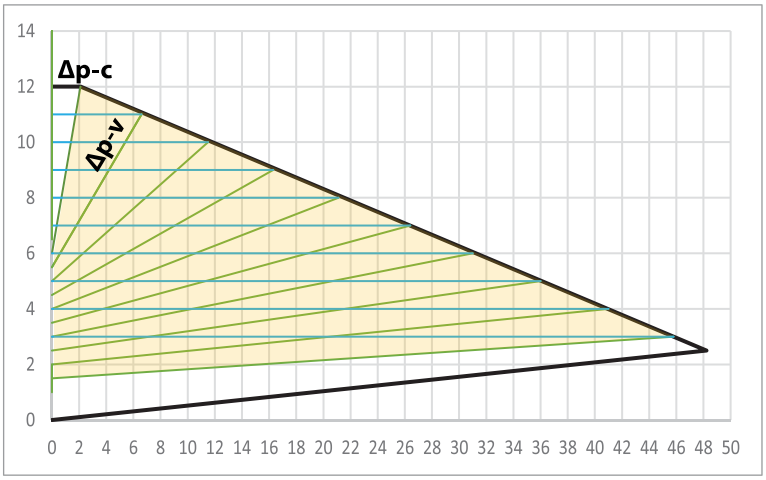


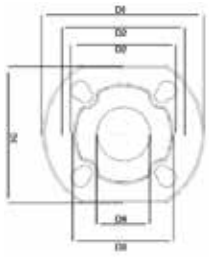
Circulation Pump With Flanged Frequency Converter

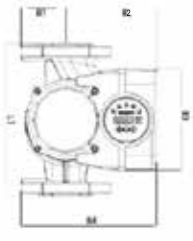
SPM 80/12 - 360 İNV

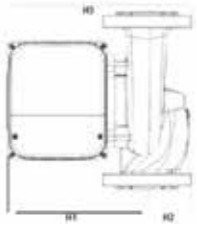
Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	48,22 m³ / h
Discharge Head H Maks.	12 mss
Technical Data	Energy Cosumption : 65 - 1000 (w) Engine Speed : 4170 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (80) Max Operating Pressure : 10 bar Weight : 27,4 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V









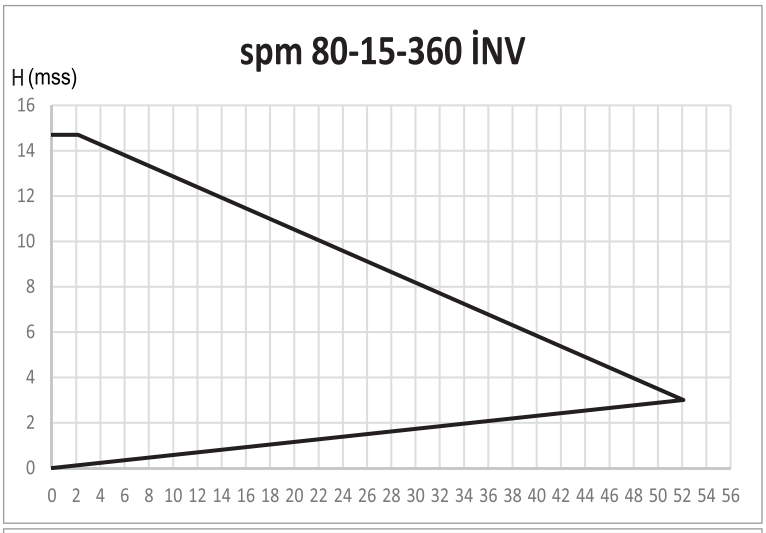


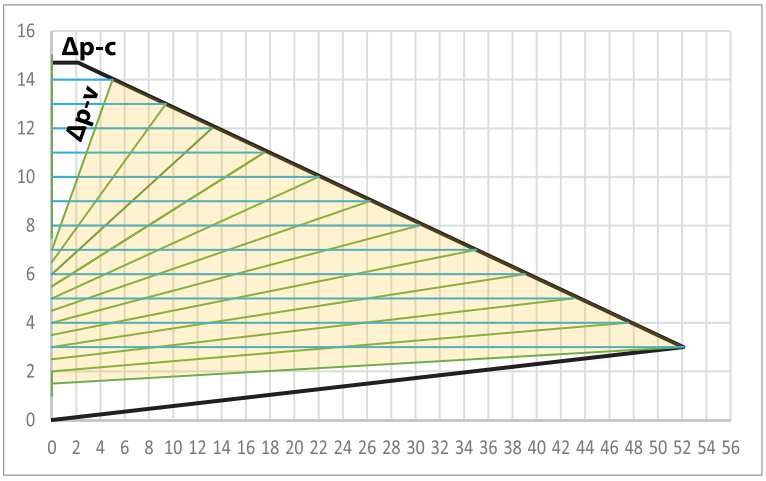
PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		B1	B2	B3	B4	L1	H1	H2	H3	Weight
		PN6	PN10				PN6	PN10									
spm 80/12 360 inv	210	145	160	140	84	180	4x14	4x18	105	168	188	273	360	240	90	330	27,40 kg



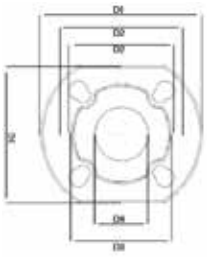
Circulation Pump With Flanged Frequency Converter

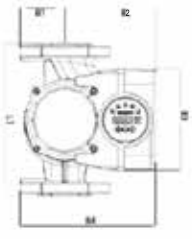
SPM 80/15 - 360 İNV

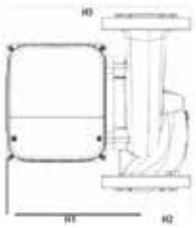




Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, ındustrial circulation systems
Flow Q Maks.	52,09 m³ / h
Discharge Head H Maks.	15 mss
Technical Data	Energy Cosumption : 65 - 1250 (w) Engine Speed : 4600 (Rpm) Energy Efficiency Index (EEI) : < 23 nsulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (80) Max Operating Pressure : 10 bar Weight : 27,4 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V







PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		B1	B2	B3	B4	L1	H1	H2	H3	Weight
		PN6	PN10				PN6	PN10									
spm 80/15 360 inv	210	145	160	140	84	180	4x14	4x18	105	168	188	273	360	240	90	330	27,40 kg

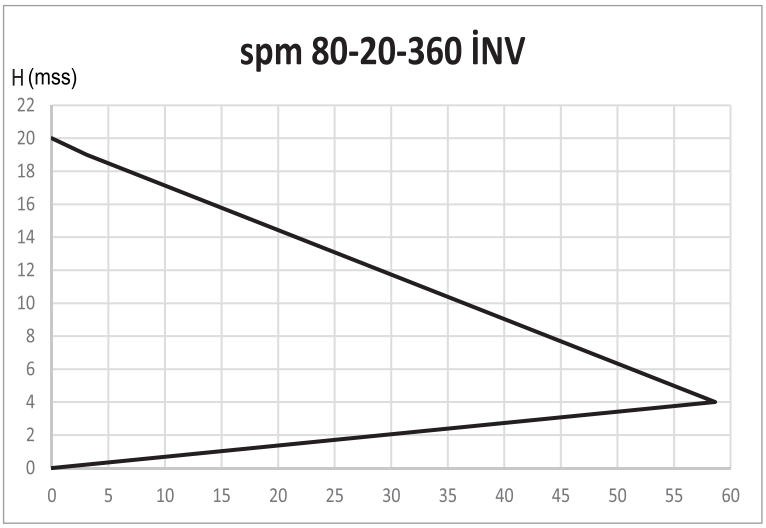
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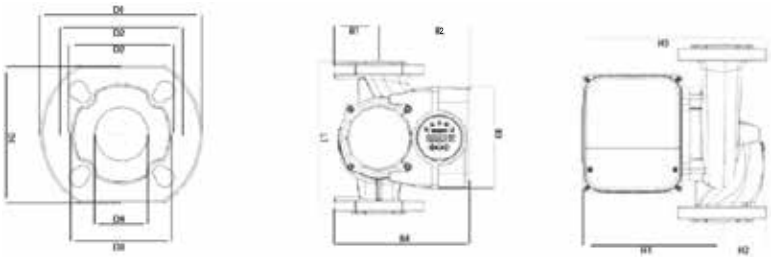


Circulation Pump With Flanged Frequency Converter

SPM 80/20 - 360 İNV

Product Range	Permanent Magnet ECM technology Flanged Pumps
Application Area	Heating, cooling and air conditioning systems, industrial circulation systems
Flow Q Maks.	55,7 m³ / h
Discharge Head H Maks.	20 mss
Technical Data	Energy Cosumption : 65 - 1750 (w) Engine Speed : 4100 (Rpm) Energy Efficiency Index (EEI) : < 23 Insulation Class : F Permissible Hot Range : -10° C /110° C Mains Connection : 1~ 230 v, 50 Hz Protection Class : IP44 Nominal Connection Diameter : DN (80) Max Operating Pressure : 10 bar Weight : 27,4 kg.
Equipment / Function	Permanent Magnet synchronous motor Integrated Motor Protection Operating modes; > Variable pressure mode > Constant pressure mode > Night mode
Specifcation	LED Display indicator - ECM Technology Easy operation and easy installation Inter-device and Optional BSM Communication ; > 2 Pcs. modbus > 2 Pcs. digital input > 1 Pcs. relay output > Optional 2 Pcs. sensor connections >4 - 20 mA and 0 - 10 V





PUMP TYPE	D1	D2		D3	D4	D5	nxØm (mm)		B1	B2	B3	B4	L1	H1	H2	H3	Weight
		PN6	PN10				PN6	PN10									
spm 80/12 360 inv	210	145	160	140	84	180	4x14	4x18	105	168	188	273	360	240	90	330	27,40 kg

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TÜRK STANDARDLARI ENSTİTÜSÜ

TÜRK STANDARDLARINA UYGUNLUK BELGESİ

TURKISH STANDARDS INSTITUTION

CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı — Description of the Mark

TSE veya/or  veya/or TSE

BELGE NUMARASI *REFERENCE NUMBER OF LICENCE*	0248787-TSE-01/04
BELGENİN İLK VERİLİŞ TARİHİ *DATE OF FIRST ISSUE OF LICENCE*	26.09.2019
BELGENİN SON GEÇERLİLİK TARİHİ *LICENCE VALID UNTIL*	29.05.2026
BELGE SAHİBİ KURULUŞUN ADI *NAME OF THE LICENCE HOLDER*	AYS MOTOR SANAYİ TİCARET LİMİTED ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ *ADRESS OF THE LICENCE HOLDER*	ATATÜRK MAH.TEKEL SOKAK İLDEŞ SANAYİ SİTESİ A-BLOK NO:10/9 LÜLEBURGAZ KIRKLARELİ/TÜRKİYE
ÜRETİM YERİ ADI *NAME OF THE MANUFACTURING PLACE*	AYS MOTOR SANAYİ TİCARET LİMİTED ŞİRKETİ
ÜRETİM YERİ ADRESİ *ADRESS OF THE MANUFACTURING PLACE*	ATATÜRK MAH. TEKEL SOKAK İLDEŞ SANAYİ SİTESİ A-BLOK NO:10-9 LÜLEBURGAZ KIRKLARELİ / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) *INDICATION OF SUPERSEDED LICENCE (if any)*	0248787-TSE-01/03
TESCİLLİ TİCARİ MARKASI *REGISTERED TRADE MARK*	smart pompa motor
İLGİLİ TÜRK STANDARDI *RELATED TURKISH STANDARD*	TS EN 16297-1 / 29.04.2014 -- TS EN 16297-2 / 29.04.2014

BELGE KAPSAMI
SCOPE OF LICENCE

- TEK BAŞINA ÇALIŞAN SİRKÜLASYON POMPALARI
- SPM INV MODEL
- SICAK SU ISITMA SİSTEMLERİNDE KULLANILMASI AMAÇLANAN / KONUTLARDAKİ SICAK SU TESİSATLARINA KULLANILMASI AMAÇLANAN / SOĞUTMA SİSTEMLERİNDE KULLANILMASI AMAÇLANAN
- SÜREKLİ DEĞİŞKEN HIZ KADEMELİ
- SICAKLIK SINIFI TP 110
- ENERJİ VERİMLİLİĞİ SPM INV 40-12-250 εEEI =0,2237 (12.04.2021 K.D.)

e-imzalı/e-signed

23.05.2025

Belgelendirme Merkezi Başkanı Adına
AKDOĞAN BULUT

İSTANBUL BELGELENDİRME MÜDÜRÜ V.

*Bu belge, belgelendirilen ürünün, üretim yerinin Enstitümüzün belirlediği şartları karşıladığını da gösterir.
*Bu belge, hiç bir suretle tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kazıntı ve silinti yapılamaz.
*TSE İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ * Adres: Çayırova Tren İstasyonu Yanı ÇAYIROVA/GEBZE * Telefon: 2627231273* Faks: 2627231606
*TSE BELGELENDİRME MERKEZ BAŞKANLIĞI; Adres: Necatibey Cad. No:112 06100 Bakanlıklar/ANKARA – Telefon: 0 312 416 64 81 / 416 64 27, Faks:0 312 416 66 17 E-posta :bmb@tse.org.tr , web : www.tse.org.tr

https://evrakkontrol.tse.org.tr/BelgeDogrulama.aspx?p=wennwq1m adresinden belgenin doğruluğunu ve geçerliliğini sorgulayınız.

AYS MOTOR San. Tic. Ltd. Şti

MACHINERY DIRECTIVE
ATTESTATION OF CONFORMITY

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2006/42/EC Machinery Directive Annex VIII has been taken as references for these processes.

Company Name	: **AYS Motor Sanayi Tic. Ltd. Şti**
Company Address	: Atatürk Mah. Tekel Sk. A Blok No:10/7-8-9-10 İldeş Sanayi Sitesi Lüleburgaz KIRKLARELİ / TÜRKİYE
Related Directives and Annex	: **Machinery Directive 2006/42/EC / Annex VIII**
Related Standards	: **EN ISO 12100:2010, EN 60204-1:2018**
Product Name	: **Circulation Pump**
Report No and Date	: ULVD-001(01-17) / 03.01.2017
Product Brand/Model/Type	: Smart Sirius 25/6, Smart Sirius 25/8, Smart Sirius 25/10, Smart Sirius25/12, Smart Sirius 32/8, Smart Sirius 32/10, Smart Sirius 32/12, Smart Sirius 32/15, SPM 25/6 180 inv, SPM 25/8 180 inv, SPM d- 25/8 180 inv ikiz, SPM 25/12 180 inv, SPM d-25/12 180 inv ikiz, SPM 32/6 180 inv, SPM 32/8 180 inv, SPM d- 32/8 180 inv ikiz, SPM 32/12 180 inv, SPM d-32/12 180 inv ikiz, SPM 40/10 220 small F inv, SPM 50/8 240 small F inv, SPM 40/10 220 F inv, SPM 50/8 240 F inv, SPM 40/12 250 F eco inv, SPM 50/12 250 F eco inv, SPM 65/10 340 F eco inv, SPM 80/10 360 F eco inv, SPM 40/12 250 F eco inv ikiz, SPM 50/12 250 F eco inv ikiz, SPM 65/10 340 F eco inv ikiz, SPM 80/10 360 F eco inv ikiz, SPM 40/12-250 İNV, SPM 40/15-250 İNV, SPM 50/12-280 İNV, SPM 50/15-280 İNV, SPM 65/12-340 İNV, SPM 65/15-340 İNV, SPM 80/12-360 İNV, SPM 80/15-360 İNV, SPM 80/20-360 İNV

Certificate Number	: **M.2017.206.T7565**
Initial Assessment Date	: 05.01.2017
Registration Date	: 09.01.2017
Reissue Date/No	: 13.01.2025
Expiry Date	: **08.01.2026**

UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co.
General Manager

The validity of the certificate can be checked trough www.udem.com.tr. Upon completion of EC declaration of conformity, it is used solelly at the manufacturer's responsibility. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any changes on the product(s).

Address: Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya Ankara - TÜRKİYE
Phone: +90 312 443 03 90
E-mail: info@udem.com.tr www.udem.com.tr

UDFRM.83-MA-6/01-14.08.2024/03.01.2024

KING CERT

CERTIFICATE

AYS Motor Sanayi Tic. Ltd. Şti.

Atatürk Mah. Tekel Sk. A Blok No: 10 / 7-8-9-10 İldeş Sanayi Sitesi Lüleburgaz Kırklareli Türkiye

The above-mentioned organization implements and maintains a management system in the following scope, and its compliance with the standard has been approved by KingCert.

ISO 9001:2015

Quality Management System

Scope : Electric Motor and Circulation Pump Production, Sales and After Sales Services

IAF/EA Code: 18,19,29

IAS ACCREDITED Management Systems Certification Body MSCB-196

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

This certificate is valid during above mentioned company perform the requirements of ISO 9001:2015 standard and fulfill all responsibilities to KingCert.

Certificate Publication Date : 07.03.2025
Cert. Last Issue Date : 07.03.2025
Cert. Expiry Date : 06.03.2026
Certificate Number : I1615266465Q

King Cert International Certification Ltd.
CEO

King Cert International Certification Ltd.
Tsarigradsko Shose Blvd. No: 133
BIC IZOT Fl.6., Office No: 603
1784 Sofia Bulgaria
info@KingCert.com
FR.25 / 01.09.2016 / 27.11.2024 / 06

Hereby, King Cert International Certification Ltd., certifies that the above stated company have the appropriate management system acording to the requirements of the above standards. This certificate is valid for three years as long as the system effectively maintained and surveillance audits are carried out. Certification Period Expiry Date is 06.03.2028 . The validity of the certificate can be checked through www.KingCert.com . The certificate is property of King Cert International Certification Ltd. and shall be returned if so requested.

AYS MOTOR San. Tic. Ltd. Şti

ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ СОЮЗ
ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ

Заявитель ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ "ЗЕНТРУМ"
Место нахождения (адрес юридического лица) и адрес места осуществления деятельности: 101000, Россия, город Москва, переулок Милютинский, дом 10, строение 1, этаж 3, помещение VIII, комната 4, офис 2
Основной государственный регистрационный номер 5167746491094.
Телефон: +74950115666 Адрес электронной почты: zentrumm@rambler.ru
в лице Генерального директора Еникеева Ильдуса Линаровича
заявляет, что Рециркуляционные фланцевые насосы маркировок «Eco Design», «Eco», «SMART POMPA MOTOR», модели: Smart Sirius 25/6 180 inv, Smart Sirius 25/8 180 inv, Smart Sirius 25/10 180 inv, Smart Sirius 25/12 180 inv, Smart Sirius 32/8 180 inv, Smart Sirius 32/10 180 inv, Smart Sirius 32/12 180 inv, Smart Sirius 32/15 180 inv, Smart Sirius NEO 25/6 180 inv, Smart Sirius NEO 25/8 180 inv, Smart Sirius NEO 25/10 180 inv, Smart Sirius NEO 25/12 180 inv, Smart Sirius NEO 32/8 180 inv, Smart Sirius NEO 32/10 180 inv, Smart Sirius NEO 32/12 180 inv, Smart Sirius NEO 32/15 180 inv, SPM 40/10 220 small F inv, SPM 40/10 220 F inv, SPM 40/12 250 F eco inv, SPM 40/12 250 F eco inv ikiz, SPM 40/12 250 inv, SPM 40/15 250 inv, SPM 50/12 280 F eco inv, SPM 50/12 280 F eco inv ikiz, SPM 50/12 280 inv, SPM 50/15 280 inv, SPM 50/8 240 F inv, SPM 50/8 240 small F inv, SPM 65/10 340 F eco inv, SPM 65/10 340 F eco inv ikiz, SPM 65/12 340 inv, SPM 65/15 340 inv, SPM 80/10 360 F eco inv, SPM 80/10 360 F eco inv ikiz, SPM 80/12 360 inv, SPM 80/15 360 inv, SPM 80/20-360 inv, SPM d 25/8 180 inv ikiz, SPM d 25/12 180 inv ikiz, SPM d 32/8 180 inv ikiz, SPM d 32/12 180 inv ikiz.
Изготовитель «AYS MOTOR SAN. TIC. LTD. STI.»
Место нахождения (адрес юридического лица) и адрес места осуществления деятельности по изготовлению продукции: Турция, ATATURK MAHALLESI TEKEL SOKAK ILDES SANAYI SITESI A/BLOK № 10/9 Luleburgaz / KIRKLARELI
Продукция изготовлена в соответствии с Директивой 2014/30/EU «Электромагнитная совместимость».
Код (коды) ТН ВЭД ЕАЭС: 8413508000, 8413703000
Серийный выпуск
соответствует требованиям
Технического регламента Таможенного союза "Электромагнитная совместимость технических средств" (ТР ТС 020/2011)
Декларация о соответствии принята на основании
Протокола приемо-сдаточных испытаний № 5364 от 02.10.2025 года, руководства по эксплуатации; паспорта
Схема декларирования соответствия: 1д
Дополнительная информация
Стандарты, в результате применения которых на добровольной основе обеспечивается соблюдение требований технического регламента: ГОСТ IEC 60034-1-2014 "Машины электрические вращающиеся. Часть 1. Номинальные значения параметров и эксплуатационные характеристики" (за исключением раздела 13). Условия хранения продукции в соответствии с требованиями ГОСТ 15150-69. Срок хранения (службы, годности) указан в прилагаемой к продукции эксплуатационной документации. Действие декларации о соответствии распространяется на серийно выпускаемую продукцию, изготовленную с даты изготовления отобранных образцов (проб) продукции, прошедших исследования (испытания) и измерения: с 07.2025 года. Договор уполномоченного лица № 6678 от 10.07.2025 года.

Декларация о соответствии действительна с даты регистрации по 02.10.2030 включительно.

М.П. (подпись)

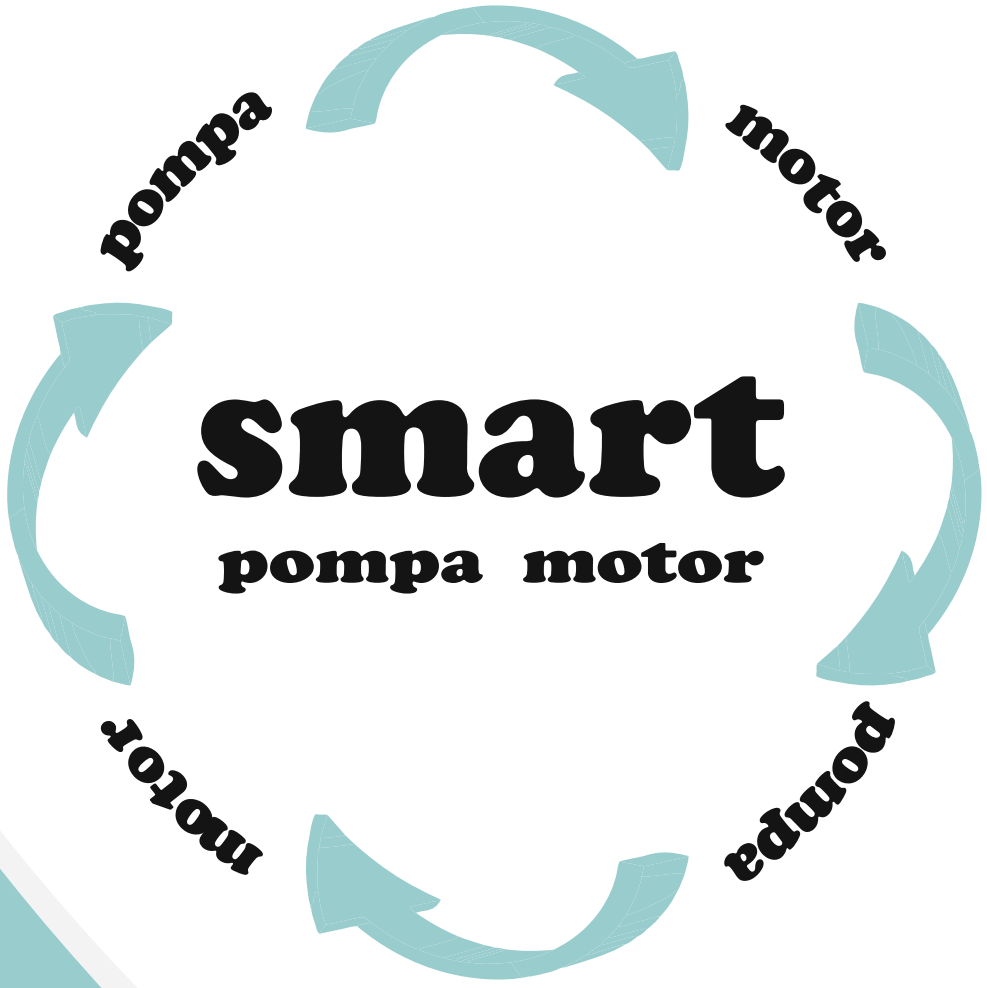
Еникеев Ильдус Линарович
(Ф.И.О. заявителя)

Регистрационный номер декларации о соответствии: ЕАЭС N RU Д-TR.PA08.B.94067/25

Дата регистрации декларации о соответствии: 03.10.2025



www.**smartpompamotor**.com.tr



AYS MOTOR
San. Tic. Ltd. Şti

Atatürk Mahallesi Tekel Sokak No:10/7-8-9-10 İldeş Sanayi Sitesi Lüleburgaz/KIRKLARELİ
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