



# AC SOLAR PUMP KIT

## PB GENERAL SERIES

### Features

Pure Solar Powered, No Need Battery

Easy Install and Operation

Without Manual Debugging

Full Protection, Long Service Life

0.37KW to 75KW AC **SOLAR PUMP**  
MAX HEAD 400m | WATER FLOW 1400 m<sup>3</sup>/d



## Full Stainless Steel AC Solar Pumps Specifications

Solar Pump Model	Pump Spec.	Water Head	Daily Water Supply	Outlet Dia.	Adapting Well Dia.	Max. DC Input Voltage	Recommended MPP Voltage
SPB41K5020	3PH 220V 50Hz	121 - 78m	13 - 23m <sup>3</sup>	1"1 / 4	125mm	450V	280 - 350VDC
SPB41K5040	3PH 380V 50Hz	84 - 58m	23 - 40m <sup>3</sup>	1"1 / 2	125mm	750V	500 - 600VDC
SPB42K2020	3PH 380V 50Hz	166 - 100m	13 - 23m <sup>3</sup>	1"1 / 4	125mm	750V	500 - 600VDC
SPB42K2040	3PH 380V 50Hz	123 - 82m	23 - 40m <sup>3</sup>	1"1 / 2	125mm	750V	500 - 600VDC
SPB42K2070	3PH 380V 50Hz	60 - 39m	40 - 70m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPB42K2100	3PH 380V 50Hz	36 - 28m	70 - 100m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPB62K2180	3PH 380V 50Hz	25 - 14m	100 - 180m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB43K0020	3PH 380V 50Hz	235 - 149m	13 - 23m <sup>3</sup>	1"1 / 4	125mm	750V	500 - 600VDC
SPB43K0070	3PH 380V 50Hz	89 - 59m	40 - 70m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPB43K0100	3PH 380V 50Hz	51 - 41m	70 - 100m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPB63K0180	3PH 380V 50Hz	42 - 23m	100 - 180m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB44K0040	3PH 380V 50Hz	188 - 128m	23 - 40m <sup>3</sup>	1"1 / 2	125mm	750V	500 - 600VDC
SPB44K0070	3PH 380V 50Hz	119 - 79m	40 - 70m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPB64K0180	3PH 380V 50Hz	59 - 33m	100 - 180m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB45K5040	3PH 380V 50Hz	254 - 169m	23 - 40m <sup>3</sup>	1"1 / 2	125mm	750V	500 - 600VDC
SPB45K5070	3PH 380V 50Hz	175 - 117m	40 - 70m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPB45K5100	3PH 380V 50Hz	76 - 59m	70 - 100m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPB65K5160	3PH 380V 50Hz	77 - 44m	80 - 160m <sup>3</sup>	2"1 / 2	200 - 250mm	750V	500 - 600VDC
SPB65K5180	3PH 380V 50Hz	217 - 143m	100 - 180m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB47K5070	3PH 380V 50Hz	107 - 83m	40 - 70m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPB47K5100	3PH 380V 50Hz	59 - 37m	70 - 100m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPB67K5160	3PH 380V 50Hz	35 - 18m	80 - 160m <sup>3</sup>	2"1 / 2	200 - 250mm	750V	500 - 600VDC
SPB67K5180	3PH 380V 50Hz	26 - 16m	100 - 180m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB67K5260	3PH 380V 50Hz	79 - 43m	160 - 260m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB67K5450	3PH 380V 50Hz	100 - 56m	260 - 450m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB87K5700	3PH 380V 50Hz	105 - 56m	450 - 700m <sup>3</sup>	5"	250 - 300mm	750V	500 - 600VDC
SPB69K2160	3PH 380V 50Hz	124 - 68m	80 - 160m <sup>3</sup>	2"1 / 2	200 - 250mm	750V	500 - 600VDC
SPB69K2160A	3PH 380V 50Hz	148 - 80m	80 - 160m <sup>3</sup>	2"1 / 2	200 - 250mm	750V	500 - 600VDC
SPB69K2180	3PH 380V 50Hz	125 - 70m	100 - 180m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC



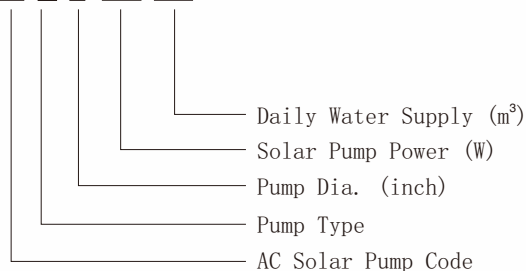
## Full Stainless Steel AC Solar Pumps Specifications

Solar Pump Model	Pump Spec.	Water Head	Daily Water Supply	Outlet Dia.	Adapting Well Dia.	Max. DC Input Voltage	Recommended MPP Voltage
SPB69K2260	3PH 380V 50Hz	84 - 53m	160 - 260m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB611K160	3PH 380V 50Hz	175 - 96m	80 - 160m <sup>3</sup>	2"1 / 2	200 - 250mm	750V	500 - 600VDC
SPB611K180	3PH 380V 50Hz	150 - 83m	100 - 180m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB611K260	3PH 380V 50Hz	108 - 69m	160 - 260m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB611K450	3PH 380V 50Hz	61 - 31m	260 - 450m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB613K160	3PH 380V 50Hz	201 - 109m	80 - 160m <sup>3</sup>	2"1 / 2	200 - 250mm	750V	500 - 600VDC
SPB613K180	3PH 380V 50Hz	177 - 100m	100 - 180m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB1013K1100	3PH 380V 50Hz	22 - 18m	700 - 1100m <sup>3</sup>	6"	300 - 350mm	750V	500 - 600VDC
SPB615K160	3PH 380V 50Hz	227 - 123m	80 - 160m <sup>3</sup>	2"1 / 2	200 - 250mm	750V	500 - 600VDC
SPB615K180	3PH 380V 50Hz	202 - 113m	100 - 180m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB615K260	3PH 380V 50Hz	134 - 85m	160 - 260m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB615K450	3PH 380V 50Hz	85 - 44m	260 - 450m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB815K700	3PH 380V 50Hz	53 - 33m	450 - 700m <sup>3</sup>	5"	250 - 300mm	750V	500 - 600VDC
SPB618K180	3PH 380V 50Hz	254 - 144m	100 - 180m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB618K260	3PH 380V 50Hz	158 - 100m	160 - 260m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB622K180	3PH 380V 50Hz	306 - 175m	100 - 180m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB622K260	3PH 380V 50Hz	184 - 116m	160 - 260m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB622K260A	3PH 380V 50Hz	209 - 132m	160 - 260m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB622K450	3PH 380V 50Hz	111 - 57m	260 - 450m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB822K700	3PH 380V 50Hz	80 - 50m	450 - 700m <sup>3</sup>	5"	250 - 300mm	750V	500 - 600VDC
SPB1022K1100	3PH 380V 50Hz	39 - 32m	700 - 1100m <sup>3</sup>	6"	300 - 350mm	750V	500 - 600VDC
SPB625K450	3PH 380V 50Hz	137 - 70m	260 - 450m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB626K180	3PH 380V 50Hz	362 - 204m	100 - 180m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB630K450	3PH 380V 50Hz	162 - 83m	260 - 450m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB830K700	3PH 380V 50Hz	110 - 70m	450 - 700m <sup>3</sup>	5"	250 - 300mm	750V	500 - 600VDC
SPB1030K1100	3PH 380V 50Hz	54 - 44m	700 - 1100m <sup>3</sup>	6"	300 - 350mm	750V	500 - 600VDC
SPB1230K1400	3PH 380V 50Hz	33 - 29m	1100 - 1400m <sup>3</sup>	6"	350 - 400mm	750V	500 - 600VDC
SPB637K450	3PH 380V 50Hz	188 - 97m	260 - 450m <sup>3</sup>	3"	200 - 250mm	750V	500 - 600VDC
SPB837K700	3PH 380V 50Hz	139 - 89m	450 - 700m <sup>3</sup>	5"	250 - 300mm	750V	500 - 600VDC

## Full Stainless Steel AC Solar Pumps Specifications

Solar Pump Model	Pump Spec.	Water Head	Daily Water Supply	Outlet Dia.	Adapting Well Dia.	Max. DC Input Voltage	Recommended MPP Voltage
SPB1037K1100	3PH 380V 50Hz	68 - 56m	700 - 1100m <sup>3</sup>	6"	300 - 350mm	750V	500 - 600VDC
SPB1237K1400	3PH 380V 50Hz	40 - 34m	1100 - 1400m <sup>3</sup>	6"	350 - 400mm	750V	500 - 600VDC
SPB845K700	3PH 380V 50Hz	167 - 108m	450 - 700m <sup>3</sup>	5"	250 - 300mm	750V	500 - 600VDC
SPB1045K1100	3PH 380V 50Hz	86 - 69m	700 - 1100m <sup>3</sup>	6"	300 - 350mm	750V	500 - 600VDC
SPB1245K1400	3PH 380V 50Hz	47 - 41m	1100 - 1400m <sup>3</sup>	6"	350 - 400mm	750V	500 - 600VDC
SPB855K700	3PH 380V 50Hz	195 - 125m	450 - 700m <sup>3</sup>	5"	250 - 300mm	750V	500 - 600VDC
SPB1055K1100	3PH 380V 50Hz	102 - 81m	700 - 1100m <sup>3</sup>	6"	300 - 350mm	750V	500 - 600VDC
SPB1255K1400	3PH 380V 50Hz	57 - 50m	1100 - 1400m <sup>3</sup>	6"	350 - 400mm	750V	500 - 600VDC
SPB1255K1400A	3PH 380V 50Hz	66 - 59m	1100 - 1400m <sup>3</sup>	6"	350 - 400mm	750V	500 - 600VDC
SPB863K700	3PH 380V 50Hz	223 - 144m	450 - 700m <sup>3</sup>	5"	250 - 300mm	750V	500 - 600VDC
SPB1063K1100	3PH 380V 50Hz	114 - 95m	700 - 1100m <sup>3</sup>	6"	300 - 350mm	750V	500 - 600VDC
SPB875K700	3PH 380V 50Hz	257 - 167m	450 - 700m <sup>3</sup>	5"	250 - 300mm	750V	500 - 600VDC
SPB1075K1100	3PH 380V 50Hz	128 - 105m	700 - 1100m <sup>3</sup>	6"	300 - 350mm	750V	500 - 600VDC
SPB1275K1400	3PH 380V 50Hz	74 - 65m	1100 - 1400m <sup>3</sup>	6"	350 - 400mm	750V	500 - 600VDC
SPB1275K1400A	3PH 380V 50Hz	84 - 74m	1100 - 1400m <sup>3</sup>	6"	350 - 400mm	750V	500 - 600VDC

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## AC Solar Pumps Specifications

Solar Pump Model	Pump Spec.	Water Head	Daily Water Supply	Outlet Dia.	Adapting Well Dia.	Max. DC Input Voltage	Recommended MPP Voltage
SPA4370010	3PH 220V 50Hz	47 - 32m	1 - 10m <sup>3</sup>	1"	125mm	450V	280 - 350VDC
SPA4370020	3PH 220V 50Hz	29 - 20m	10 - 20m <sup>3</sup>	1"1 / 4	125mm	450V	280 - 350VDC
SPA4550010	3PH 220V 50Hz	70 - 48m	1 - 10m <sup>3</sup>	1"	125mm	450V	280 - 350VDC
SPA4550020	3PH 220V 50Hz	40 - 28m	10 - 20m <sup>3</sup>	1"1 / 4	125mm	450V	280 - 350VDC
SPA4550040	3PH 220V 50Hz	23 - 15m	20 - 40m <sup>3</sup>	1"1 / 2	125mm	450V	280 - 350VDC
SPA4750010	3PH 220V 50Hz	81 - 56m	1 - 10m <sup>3</sup>	1"	125mm	450V	280 - 350VDC
SPA4750020	3PH 220V 50Hz	60 - 41m	10 - 20m <sup>3</sup>	1"1 / 4	125mm	450V	280 - 350VDC
SPA4750040	3PH 220V 50Hz	29 - 19m	20 - 40m <sup>3</sup>	1"1 / 2	125mm	450V	280 - 350VDC
SPA4750060	3PH 220V 50Hz	15 - 8m	40 - 60m <sup>3</sup>	2"	125mm	450V	280 - 350VDC
SPA4750100	3PH 220V 50Hz	7 - 5m	60 - 100m <sup>3</sup>	2"	125mm	450V	280 - 350VDC
SPA41K1010	3PH 220V 50Hz	93 - 63m	1 - 10m <sup>3</sup>	1"	125mm	450V	280 - 350VDC
SPA41K1020	3PH 220V 50Hz	79 - 54m	10 - 20m <sup>3</sup>	1"1 / 4	125mm	450V	280 - 350VDC
SPA41K1040	3PH 220V 50Hz	43 - 27m	20 - 40m <sup>3</sup>	1"1 / 2	125mm	450V	280 - 350VDC
SPA41K1060	3PH 220V 50Hz	23 - 12m	40 - 60m <sup>3</sup>	2"	125mm	450V	280 - 350VDC
SPA41K1100	3PH 220V 50Hz	12 - 8m	60 - 100m <sup>3</sup>	2"	125mm	450V	280 - 350VDC
SPA41K5010	3PH 220V 50Hz	128 - 87m	1 - 10m <sup>3</sup>	1"	125mm	450V	280 - 350VDC
SPA41K5020	3PH 220V 50Hz	99 - 68m	10 - 20m <sup>3</sup>	1"1 / 4	125mm	450V	280 - 350VDC
SPA41K5040	3PH 220V 50Hz	51 - 33m	20 - 40m <sup>3</sup>	1"1 / 2	125mm	450V	280 - 350VDC
SPA41K5041	3PH 220V 50Hz	60 - 39m	20 - 40m <sup>3</sup>	1"1 / 2	125mm	450V	280 - 350VDC
SPA41K5060	3PH 220V 50Hz	29 - 15m	40 - 60m <sup>3</sup>	2"	125mm	450V	280 - 350VDC
SPA41K5130	3PH 220V 50Hz	10 - 7m	100 - 130m <sup>3</sup>	2"	125mm	450V	280 - 350VDC
SPA61K5100	3PH 220V 50Hz	20 - 12m	60 - 100m <sup>3</sup>	2"1 / 2	200mm	450V	280 - 350VDC
SPA42K2010	3PH 380V 50Hz	163 - 111m	1 - 10m <sup>3</sup>	1"	125mm	750V	500 - 600VDC
SPA42K2020	3PH 380V 50Hz	145 - 90m	10 - 20m <sup>3</sup>	1"1 / 4	125mm	750V	500 - 600VDC
SPA42K2040	3PH 380V 50Hz	79 - 51m	20 - 40m <sup>3</sup>	1"1 / 2	125mm	750V	500 - 600VDC
SPA42K2060	3PH 380V 50Hz	50 - 27m	40 - 60m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPA42K2130	3PH 380V 50Hz	17 - 12m	100 - 130m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPA62K2100	3PH 380V 50Hz	30 - 18m	60 - 100m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA43K0020	3PH 380V 50Hz	187 - 114m	10 - 20m <sup>3</sup>	1"1 / 4	125mm	750V	500 - 600VDC

## AC Solar Pumps Specifications

Solar Pump Model	Pump Spec.	Water Head	Daily Water Supply	Outlet Dia.	Adapting Well Dia.	Max. DC Input Voltage	Recommended MPP Voltage
SPA43K0040	3PH 380V 50Hz	105 - 65m	20 - 40m <sup>3</sup>	1"1 / 2	125mm	750V	500 - 600VDC
SPA43K0060	3PH 380V 50Hz	67 - 37m	40 - 60m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPA43K0061	3PH 380V 50Hz	79 - 43m	40 - 60m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPA63K0100	3PH 380V 50Hz	40 - 24m	60 - 100m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA63K0130	3PH 380V 50Hz	23 - 16m	100 - 130m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA63K0250	3PH 380V 50Hz	18 - 9m	130 - 250m <sup>3</sup>	3"	200mm	750V	500 - 600VDC
SPA44K0020	3PH 380V 50Hz	225 - 149m	10 - 20m <sup>3</sup>	1"1 / 4	125mm	750V	500 - 600VDC
SPA44K0040	3PH 380V 50Hz	145 - 89m	20 - 40m <sup>3</sup>	1"1 / 2	125mm	750V	500 - 600VDC
SPA44K0060	3PH 380V 50Hz	94 - 55m	40 - 60m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPA44K0100	3PH 380V 50Hz	50 - 32m	60 - 100m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPA64K0100	3PH 380V 50Hz	56 - 36m	60 - 100m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA64K0130	3PH 380V 50Hz	30 - 22m	100 - 130m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA64K0131	3PH 380V 50Hz	37 - 27m	100 - 130m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA64K0250	3PH 380V 50Hz	26 - 13m	130 - 250m <sup>3</sup>	3"	200mm	750V	500 - 600VDC
SPA45K5040	3PH 380V 50Hz	172 - 111m	20 - 40m <sup>3</sup>	1"1 / 2	125mm	750V	500 - 600VDC
SPA45K5060	3PH 380V 50Hz	113 - 62m	40 - 60m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPA45K5100	3PH 380V 50Hz	67 - 44m	60 - 100m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPA65K5100	3PH 380V 50Hz	75 - 48m	60 - 100m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA65K5130	3PH 380V 50Hz	53 - 39m	100 - 130m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA65K5250	3PH 380V 50Hz	35 - 21m	130 - 250m <sup>3</sup>	3"	200mm	750V	500 - 600VDC
SPA47K5040	3PH 380V 50Hz	237 - 147m	20 - 40m <sup>3</sup>	1"1 / 2	125mm	750V	500 - 600VDC
SPA47K5060	3PH 380V 50Hz	137 - 75m	40 - 60m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPA47K5100	3PH 380V 50Hz	87 - 57m	60 - 100m <sup>3</sup>	2"	125mm	750V	500 - 600VDC
SPA67K5100	3PH 380V 50Hz	114 - 67m	60 - 100m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA67K5130	3PH 380V 50Hz	67 - 50m	100 - 130m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA67K5250	3PH 380V 50Hz	44 - 25m	130 - 250m <sup>3</sup>	3"	200mm	750V	500 - 600VDC
SPA67K5251	3PH 380V 50Hz	52 - 30m	130 - 250m <sup>3</sup>	3"	200mm	750V	500 - 600VDC
SPA69K2100	3PH 380V 50Hz	140 - 85m	40 - 100m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA69K2130	3PH 380V 50Hz	83 - 60m	100 - 130m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC

## AC Solar Pumps Specifications

Solar Pump Model	Pump Spec.	Water Head	Daily Water Supply	Outlet Dia.	Adapting Well Dia.	Max. DC Input Voltage	Recommended MPP Voltage
SPA69K2250	3PH 380V 50Hz	62 - 40m	130 - 250m <sup>3</sup>	3"	200mm	750V	500 - 600VDC
SPA611K100	3PH 380V 50Hz	159 - 97m	40 - 100m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA611K130	3PH 380V 50Hz	105 - 77m	100 - 130m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA611K250	3PH 380V 50Hz	72 - 46m	130 - 250m <sup>3</sup>	3"	200mm	750V	500 - 600VDC
SPA613K100	3PH 380V 50Hz	189 - 115m	40 - 100m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA613K130	3PH 380V 50Hz	120 - 88m	100 - 130m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA613K250	3PH 380V 50Hz	81 - 52m	130 - 250m <sup>3</sup>	3"	200mm	750V	500 - 600VDC
SPA615K100	3PH 380V 50Hz	208 - 127m	40 - 100m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA615K130	3PH 380V 50Hz	135 - 99m	100 - 130m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA615K250	3PH 380V 50Hz	88 - 58m	130 - 250m <sup>3</sup>	3"	200mm	750V	500 - 600VDC
SPA618K130	3PH 380V 50Hz	143 - 109m	100 - 130m <sup>3</sup>	2"1 / 2	200mm	750V	500 - 600VDC
SPA618K250	3PH 380V 50Hz	101 - 63m	130 - 250m <sup>3</sup>	3"	200mm	750V	500 - 600VDC

SP A 4 370 010

