MarelliMotori
Inspired solutions

POWER GENERATION

Selection guide - Medium and High Voltage

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MarelliMotori
Power generation

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SYNCHRONOUS GENERATORS FOR POWER GENERATION APPLICATIONS - Overview

APPLICATION		LV		MV /HV	LV	MV /HV
PRIME RATED POWER AND CONTINUOS OPERATING POWER (PRP AND COP)						
	Enclosure	**ODP**	**ODP**	**ODP**	**TEWAC**	**TEWAC**
	Series	**MXB**	**MJB**	**MJH**	**MJR**	**MJHR**
	Power	up to 200 kVA	up to 6.500 kVA	up to 14.000 kVA	up to 6.000 kVA	up to 12.500 kVA
UPS STAND-BY TELECOM DATA CENTER						
	Enclosure	**ODP**	**ODP**	**ODP**		
	Series	**MXB**	**MJB**	**MJH**		
	Power	up to 200 kVA	up to 6.500 kVA	up to 14.000 kVA		
EMERGENCY						
	Enclosure	**ODP**	**ODP**	**ODP**	**TEAAC**	**TEAAC**
	Series	**MXB**	**MJB**	**MJH**	**MJV**	**MJHV**
	Power	up to 200 kVA	up to 6.500 kVA	up to 14.000 kVA	up to 4.550 kVA	up to 8.750 kVA

Key

TEWAC	Totally Enclosed Water to Air Cooled
ODP	Open Drip Proof
TEAAC	Totally Enclosed Air to Air Cooled

Rating definition

Prime rating

Prime rating is the maximum power available at a variable load for an unlimited number of hours.

Marelli Motori low voltage generators are class H insulated as a standard feature. Under these conditions three different classes of temperature rise are allowed and are here below represented as over-temperature above the reference ambient temperature (ref. amb. Temp. is 40°C as defined in IEC 60034):

Class B temperature rise: generator can reach a temperature rise of 80° above 40° ambient temperature. Class F temperature rise: generator can reach a rise temperature of 105° over 40° ambient temperature.
Class H temperature rise: generator can reach a rise temperature of 125° over 40° ambient temperature.

In all the above conditions an extra 10% overload for 1 hour over 6 hours is allowed.
Over-temperatures are measured by resistance method.

Stand-by rating

Stand-by rating is selected for emergency supply in the event of normal power interruption. This duty service is typically limited to the duration of power cut.

By referring to the continuous duty service, all Marelli Motori generators are able to supply an extra 10% of power for 1 hour without any derating (see Overloads under Operating conditions).

When the emergency power is required continuously for more than one hour,our generators can work in accordance with stand-by rating defined as 150/40 or 163/27 (temperature rise/ambient temperature):

- 150/40 refers to peak continuous ratings and it is according to ISO8528-3.
- 163/27 refers to emergency peak continuous rating. ISO standards do not include this specific rating which is suitable for emergency operations.

Any extra overload over the stand-by ratings is not allowed.

Operating conditions

Altitude

The rated outputs refer to installation up to 1.000 m a.s.l. Above this level the following derating factors must be applied.

Altitude (m asl)	< 1.000	< 1.500	< 2.000	< 2.500	< 3.000
K factor	1,00	0,96	0,93	0,90	0,86

Ambient temperature

The rated outputs given in this catalogue are based on a maximum ambient temperature of 40°C.
When operating at different ambient temperatures the output rating can be obtained by applying the factors as in the following table.

Ambient temperature (°C)	30	35	40	45	50	55
K factor	1,04	1,00	1,00	0,96	0,93	0,9

Power factor

The nominal power factor is 0,8 lagging. For different power factor values the following derating factors must be applied.

Power factor	1,0	0,8	0,7	0,6	0,5	0,3	0
K factor	1,00	1,00	0,93	0,88	0,84	0,82	0,80

Overloads

The nominal power factor is 0,8 lagging. For different power factor values the following derating factors must be applied. This overloads must be occasional and followed by one hour of running at normal load or less. Stand-by ratings are based on continuos supply of loads for any utility power failure. No overloads are allowed in stand-by duty.

Overload during S1 continuous duty	10% for 1 hour 15% for 10 minutes 30% for 4 minutes 50% for 2 minutes

50 Hz

MJH - 4 POLE

50 Hz | 3000 V - 3300 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 105 ΔT Cl. F	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 80 ΔT Cl. B	Efficiency P.F. 0,8 4/4 LOAD [%]	Moment of Inertia J Kgm^2	Weight Kg
MJH 400 MA4	6	600,0	524,0	93,4	12,70	2400
MJH 400 LA4	6	840,0	733,0	94,3	17,60	2750
MJH 400 LB4	6	1020,0	890,0	94,9	20,00	3000
MJH 450 MB4	6	1050,0	917,0	95,5	29,00	3400
MJH 450 LA4	6	1200,0	1047,0	95,6	34,00	3800
MJH 450 LB4	6	1300,0	1135,0	95,7	38,00	4200
MJH 500 MA4	6	1450,0	1266,0	95,3	43,60	4500
MJH 500 MB4	6	1700,0	1484,0	95,5	52,50	4600
MJH 500 LA4	6	1850,0	1615,0	95,7	61,50	5300
MJH 500 LB4	6	1950,0	1702,0	95,8	64,00	5500
MJH 560 MA4	6	2300,0	2008,0	96,1	83,00	6500
MJH 560 LA4	6	2550,0	2226,0	96,2	95,00	6500
MJH 560 LB4	6	2800,0	2444,0	96,3	98,00	6800
MJH 630 MB4	6	2900,0	2531,0	96,1	155,00	7700
MJH 630 LA4	6	3200,0	2793,0	96,2	163,00	8200
MJH 630 LB4	6	3600,0	3142,0	96,3	177,00	8400
MJH 710 SC4	6	4200,0	3650,0		On request	
MJH 710 MB4	6	4800,0	4180,0		On request	
MJH 710 LA4	6	5500,0	4780,0		On request	
MJH 710 LB4	6	6000,0	5220,0		On request	
MJH 800 ON REQUEST						

MJH - 6 POLE

50 Hz	3000 V - 3300 V		
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 400 LA6	6	620,0	541,0
MJH 400 LB6	6	660,0	576,0
MJH 450 MB6	6	680,0	594,0
MJH 450 LA6	6	750,0	655,0
MJH 450 LB6	6	840,0	733,0
MJH 500 MA6	6	930,0	812,0
MJH 500 MB6	6	1100,0	960,0
MJH 500 LA6	6	1240,0	1082,0
MJH 560 SC6	6	1620,0	1414,0
MJH 560 MB6	6	1950,0	1702,0
MJH 560 LA6	6	2150,0	1877,0
MJH 630 MA6	6	2250,0	1964,0
MJH 630 LA6	6	2500,0	2182,0
MJH 630 LB6	6	2700,0	2357,0
MJH 710 SC6	6	3450,0	3011,0
MJH 710 MA6	6	4250,0	3710,0
MJH 710 MB6	6	4650,0	4059,0
MJH 710 LA6	6	4850,0	4233,0
MJH 710 LB6	6	5150,0	4495,0
MJH 800 MB6	6	6100,0	5325,0
MJH 800 LA6	6	7400,0	6459,0
MJH 800 LB6	6	8000,0	6983,0
MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 8 POLE

50 Hz	3000 V - 3300 V		
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 400 LA8	6	440,0	384,0
MJH 400 LB8	6	510,0	445,0
MJH 500 MA8	6	780,0	681,0
MJH 500 MB8	6	920,0	803,0
MJH 500 LA8	6	1050,0	917,0
MJH 500 LB8	6	1150,0	1004,0
MJH 560 MB8	6	1350,0	1178,0
MJH 560 LA8	6	1550,0	1353,0
MJH 630 MB8	6	1750,0	1528,0
MJH 630 LA8	6	1850,0	1615,0
MJH 630 LB8	6	2000,0	1746,0
MJH 710 SA8	6	2600,0	2269,0
MJH 710 SC8	6	3200,0	2793,0
MJH 710 MA8	6	3900,0	3404,0
MJH 710 MB8	6	4350,0	3797,0
MJH 710 LB8	6	4600,0	4015,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 10 POLE

50 Hz	3000 V - 3300 V		
Type	Leads	105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA10	6	460,0	402,0
MJH 500 MA10	6	560,0	489,0
MJH 500 MB10	6	660,0	576,0
MJH 500 LA10	6	730,0	637,0
MJH 630 SA10	6	950,0	829,0
MJH 630 MA10	6	1100,0	960,0
MJH 630 MB10	6	1300,0	1135,0
MJH 630 LA10	6	1500,0	1309,0
MJH 630 LB10	6	1700,0	1484,0
MJH 710 SA10	6	2000,0	1746,0
MJH 710 MA10	6	2400,0	2095,0
MJH 710 LA10	6	2700,0	2357,0
MJH 710 LB10	6	3400,0	2968,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 4 POLE

50 Hz 6000 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 105 ΔT Cl. F	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 80 ΔT Cl. B	Efficiency P.F. 0,8 4/4 LOAD [%]	Moment of Inertia J Kgm^2	Weight Kg
MJH 400 MA4	6	550,0	480,0	94,1	12,70	2400
MJH 400 LA4	6	740,0	646,0	94,7	17,60	2750
MJH 400 LB4	6	920,0	803,0	94,6	20,00	3000
MJH 450 MB4	6	1000,0	873,0	95,5	29,00	3400
MJH 450 LA4	6	1120,0	978,0	95,6	34,00	3800
MJH 450 LB4	6	1250,0	1091,0	95,7	38,00	4200
MJH 500 MA4	6	1350,0	1178,0	95,1	43,60	4500
MJH 500 MB4	6	1500,0	1309,0	95,3	52,50	4600
MJH 500 LA4	6	1750,0	1528,0	95,5	61,50	5300
MJH 500 LB4	6	1900,0	1658,0	96,1	64,00	5500
MJH 560 MA4	6	2250,0	1964,0	95,7	83,00	6500
MJH 560 LA4	6	2450,0	2139,0	96,0	95,00	6600
MJH 560 LB4	6	2750,0	2400,0	96,2	98,00	6800
MJH 630 MB4	6	2900,0	2531,0	96,0	155,00	8500
MJH 630 LA4	6	3200,0	2793,0	96,5	163,00	8200
MJH 630 LB4	6	3550,0	3099,0	96,1	177,00	8400
MJH 710 SC4	6	4200,0	3666,0	96,5	192,00	12000
MJH 710 MB4	6	4800,0	4180,0	96,6	227,00	13500
MJH 710 LB4	6	6000,0	5220,0	96,8	270,00	15000
MJH 800 ON REQUEST						

MJH - 6 POLE

50 Hz 6000 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 400 LA6	6	540,0	471,0
MJH 400 LB6	6	570,0	498,0
MJH 450 MB6	6	600,0	524,0
MJH 450 LA6	6	650,0	567,0
MJH 450 LB6	6	730,0	637,0
MJH 500 MA6	6	800,0	698,0
MJH 500 MB6	6	960,0	838,0
MJH 500 LA6	6	1100,0	960,0
MJH 560 SC6	6	1500,0	1309,0
MJH 560 MB6	6	1800,0	1571,0
MJH 560 LA6	6	2000,0	1746,0
MJH 630 MA6	6	2100,0	1833,0
MJH 630 LA6	6	2300,0	2008,0
MJH 630 LB6	6	2500,0	2182,0
MJH 710 SC6	6	3300,0	2880,0
MJH 710 MA6	6	4100,0	3579,0
MJH 710 MB6	6	4500,0	3928,0
MJH 710 LA6	6	4700,0	4102,0
MJH 710 LB6	6	5000,0	4364,0
MJH 800 MB6	6	6100,0	5325,0
MJH 800 LA6	6	7400,0	6459,0
MJH 800 LB6	6	8000,0	6983,0
MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 8 POLE

50 Hz 6000 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 400 LA8	6	380,0	332,0
MJH 400 LB8	6	440,0	384,0
MJH 500 MA8	6	680,0	594,0
MJH 500 MB8	6	790,0	690,0
MJH 500 LA8	6	920,0	803,0
MJH 500 LB8	6	1050,0	917,0
MJH 560 MB8	6	1250,0	1091,0
MJH 560 LA8	6	1440,0	1257,0
MJH 630 MB8	6	1600,0	1397,0
MJH 630 LA8	6	1700,0	1484,0
MJH 630 LB8	6	1800,0	1571,0
MJH 710 SA8	6	2400,0	2095,0
MJH 710 SC8	6	3000,0	2619,0
MJH 710 MA8	6	3750,0	3273,0
MJH 710 MB8	6	4200,0	3666,0
MJH 710 LB8	6	4500,0	3928,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 10 POLE

50 Hz 6000 V

Type	Leads	105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA10	6	400,0	349,0
MJH 500 MA10	6	480,0	419,0
MJH 500 MB10	6	570,0	498,0
MJH 500 LA10	6	650,0	567,0
MJH 630 SA10	6	900,0	786,0
MJH 630 MA10	6	1000,0	873,0
MJH 630 MB10	6	1200,0	1047,0
MJH 630 LA10	6	1350,0	1178,0
MJH 630 LB10	6	1450,0	1266,0
MJH 710 SA10	6	1800,0	1571,0
MJH 710 MA10	6	2200,0	1920,0
MJH 710 LA10	6	2400,0	2095,0
MJH 710 LB10	6	3200,0	2793,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 4 POLE

50 Hz | 6300 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 105 ΔT Cl. F	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 80 ΔT Cl. B	Efficiency P.F. 0,8 4/4 LOAD [%]	Moment of Inertia J Kgm^2	Weight Kg
MJH 400 MA4	6	550,0	480,0	94,1	12,70	2400
MJH 400 LA4	6	740,0	646,0	94,7	17,60	2750
MJH 400 LB4	6	920,0	803,0	94,8	20,00	3000
MJH 450 MB4	6	1000,0	873,0	95,5	29,00	3400
MJH 450 LA4	6	1120,0	978,0	95,6	34,00	3800
MJH 450 LB4	6	1250,0	1091,0	95,2	38,00	4200
MJH 500 MA4	6	1350,0	1178,0	95,3	43,60	4500
MJH 500 MB4	6	1500,0	1309,0	95,3	52,80	4800
MJH 500 LA4	6	1750,0	1528,0	95,5	61,50	5300
MJH 500 LB4	6	1900,0	1658,0	95,9	64,00	5500
MJH 560 MA4	6	2250,0	1964,0	95,8	83,00	6500
MJH 560 LA4	6	2450,0	2139,0	96,0	95,00	6600
MJH 560 LB4	6	2750,0	2400,0	96,2	98,00	6800
MJH 630 MB4	6	2900,0	2531,0	96,0	155,00	8500
MJH 630 LA4	6	3200,0	2793,0	96,5	163,00	8200
MJH 630 LB4	6	3600,0	3142,0	96,4	177,00	8400
MJH 710 SC4	6	4200,0	3666,0	96,5	192,00	12000
MJH 710 MB4	6	4800,0	4180,0	96,6	227,00	13500
MJH 710 LB4	6	6000,0	5220,0	96,8	270,00	15000
MJH 710 MB4 - MJH 710 LB4 - MJH 800 ON REQUEST						

MJH - 6 POLE

50 Hz	6300 V		
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 400 LA6	6	540,0	471,0
MJH 400 LB6	6	570,0	498,0
MJH 450 MB6	6	600,0	524,0
MJH 450 LA6	6	650,0	567,0
MJH 450 LB6	6	730,0	637,0
MJH 500 MA6	6	800,0	698,0
MJH 500 MB6	6	960,0	838,0
MJH 500 LA6	6	1100,0	960,0
MJH 560 SC6	6	1500,0	1309,0
MJH 560 MB6	6	1800,0	1571,0
MJH 560 LA6	6	2000,0	1746,0
MJH 630 MA6	6	2100,0	1833,0
MJH 630 LA6	6	2300,0	2008,0
MJH 630 LB6	6	2570,0	2243,0
MJH 710 SC6	6	3300,0	2880,0
MJH 710 MA6	6	4100,0	3579,0
MJH 710 MB6	6	4500,0	3928,0
MJH 710 LA6	6	4700,0	4102,0
MJH 710 LB6	6	5000,0	4364,0
MJH 800 MB6	6	6100,0	5325,0
MJH 800 LA6	6	7400,0	6459,0
MJH 800 LB6	6	8000,0	6983,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 8 POLE

50 Hz	6300 V		
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 400 LA8	6	380,0	332,0
MJH 400 LB8	6	440,0	384,0
MJH 500 MA8	6	680,0	594,0
MJH 500 MB8	6	790,0	690,0
MJH 500 LA8	6	920,0	803,0
MJH 500 LB8	6	1050,0	917,0
MJH 560 MB8	6	1250,0	1091,0
MJH 560 LA8	6	1440,0	1257,0
MJH 630 MB8	6	1600,0	1397,0
MJH 630 LA8	6	1700,0	1484,0
MJH 630 LB8	6	1800,0	1571,0
MJH 710 SA8	6	2400,0	2095,0
MJH 710 SC8	6	3000,0	2619,0
MJH 710 MA8	6	3750,0	3273,0
MJH 710 MB8	6	4200,0	3666,0
MJH 710 LB8	6	4500,0	3928,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 10 POLE

50 Hz	6300 V		
Type	Leads	105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA10	6	400,0	349,0
MJH 500 MA10	6	480,0	419,0
MJH 500 MB10	6	570,0	498,0
MJH 500 LA10	6	650,0	567,0
MJH 630 SA10	6	900,0	786,0
MJH 630 MA10	6	1000,0	873,0
MJH 630 MB10	6	1200,0	1047,0
MJH 630 LA10	6	1350,0	1178,0
MJH 630 LB10	6	1450,0	1266,0
MJH 710 SA10	6	1800,0	1571,0
MJH 710 MA10	6	2200,0	1920,0
MJH 710 LA10	6	2400,0	2095,0
MJH 710 LB10	6	3200,0	2793,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 4 POLE

50 Hz 6600 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 105 ΔT Cl. F	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 80 ΔT Cl. B	Efficiency P.F. 0,8 4/4 LOAD [%]	Moment of Inertia J Kgm^2	Weight Kg
MJH 400 MA4	6	550,0	480,0	94,8	17,00	2300
MJH 400 LA4	6	740,0	646,0	94,7	17,60	2750
MJH 400 LB4	6	920,0	803,0	94,8	20,00	3000
MJH 450 MB4	6	1000,0	873,0	95,5	29,00	3400
MJH 450 LA4	6	1120,0	978,0	95,2	34,00	3800
MJH 450 LB4	6	1250,0	1091,0	95,7	38,00	4200
MJH 500 MA4	6	1350,0	1178,0	95,1	43,60	4500
MJH 500 MB4	6	1500,0	1309,0	95,3	52,80	4800
MJH 500 LA4	6	1750,0	1528,0	95,5	61,50	5300
MJH 500 LB4	6	1900,0	1658,0	95,9	64,00	5200
MJH 560 MA4	6	2250,0	1964,0	96,1	83,00	6500
MJH 560 LA4	6	2450,0	2139,0	96,2	95,00	6600
MJH 560 LB4	6	2750,0	2400,0	96,3	95,00	6800
MJH 630 MB4	6	2912,5	2542,0	96,0	155,00	8500
MJH 630 LA4	6	3200,0	2793,0	96,5	163,00	8200
MJH 630 LB4	6	3550,0	3099,0	96,5	177,00	8400
MJH 710 SC4	6	4200,0	3666,0	96,5	192,00	12000
MJH 710 MB4	6	4800,0	4190,0	96,6	227,00	13500
MJH 710 LB4	6	6000,0	5237,0	96,8	270,00	15000
MJH 800 ON REQUEST						

MJH - 6 POLE

50 Hz	6600 V		
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 400 LA6	6	540,0	471,0
MJH 400 LB6	6	570,0	498,0
MJH 450 MB6	6	600,0	524,0
MJH 450 LA6	6	650,0	567,0
MJH 450 LB6	6	730,0	637,0
MJH 500 MA6	6	800,0	698,0
MJH 500 MB6	6	960,0	838,0
MJH 500 LA6	6	1100,0	960,0
MJH 560 SC6	6	1500,0	1309,0
MJH 560 MB6	6	1800,0	1571,0
MJH 560 LA6	6	2000,0	1746,0
MJH 630 MA6	6	2100,0	1833,0
MJH 630 LA6	6	2300,0	2008,0
MJH 630 LB6	6	2500,0	2182,0
MJH 710 SC6	6	3450,0	3011,0
MJH 710 MA6	6	4100,0	3579,0
MJH 710 MB6	6	4500,0	3928,0
MJH 710 LA6	6	4700,0	4102,0
MJH 710 LB6	6	5000,0	4364,0
MJH 800 MB6	6	6100,0	5325,0
MJH 800 LA6	6	7400,0	6459,0
MJH 800 LB6	6	8000,0	6983,0
MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 8 POLE

50 Hz	6600 V		
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 400 LA8	6	380,0	332,0
MJH 400 LB8	6	440,0	384,0
MJH 500 MA8	6	680,0	594,0
MJH 500 MB8	6	790,0	690,0
MJH 500 LA8	6	920,0	803,0
MJH 500 LB8	6	1050,0	917,0
MJH 560 MB8	6	1250,0	1091,0
MJH 560 LA8	6	1440,0	1257,0
MJH 630 MB8	6	1600,0	1397,0
MJH 630 LA8	6	1700,0	1484,0
MJH 630 LB8	6	1800,0	1571,0
MJH 710 SA8	6	2400,0	2095,0
MJH 710 SC8	6	3000,0	2619,0
MJH 710 MA8	6	3750,0	3273,0
MJH 710 MB8	6	4200,0	3666,0
MJH 710 LB8	6	4500,0	3928,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 10 POLE

50 Hz	6600 V		
Type	Leads	105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA10	6	400,0	349,0
MJH 500 MA10	6	480,0	419,0
MJH 500 MB10	6	570,0	498,0
MJH 500 LA10	6	650,0	567,0
MJH 630 SA10	6	900,0	786,0
MJH 630 MA10	6	1000,0	873,0
MJH 630 MB10	6	1200,0	1047,0
MJH 630 LA10	6	1350,0	1178,0
MJH 630 LB10	6	1450,0	1266,0
MJH 710 SA10	6	1800,0	1571,0
MJH 710 MA10	6	2200,0	1920,0
MJH 710 LA10	6	2400,0	2095,0
MJH 710 LB10	6	3200,0	2793,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 4 POLE

50 Hz | 10000 V

Type	Leads	Continuous duty rating		Efficiency	Moment of Inertia	Weight
		kVA @ Temp. rise over 40 °C ambient temp.		P.F. 0,8 4/4 LOAD	J	
		105 ΔT Cl. F	80 ΔT Cl. B	[%]	Kgm^2	Kg
MJH 450 LA4	6	900,0	786,0	94,6	34,00	3800
MJH 500 MA4	6	1300,0	1135,0	95,0	43,40	4600
MJH 500 LA4	6	1500,0	1309,0	95,3	53,70	5000
MJH 560 MA4	6	2150,0	1877,0	95,6	83,00	6700
MJH 560 LA4	6	2600,0	2269,0	96,0	85,70	7300
MJH 630 MA4	6	2850,0	2488,0	96,0	132,00	8200
MJH 630 LA4	6	3125,0	2728,0	96,3	150,00	9300
MJH 630 LB4	6	3250,0	2837,0	96,4	177,00	9200
MJH 710 SC4	6	3600,0	3142,0	96,3	190,00	12000
MJH 710 MA4	6	4600,0	4015,0	96,5	215,00	12500
MJH 710 MB4	6	5000,0	4364,0	96,8	227,00	14500
MJH 710 LB4	6	5500,0	4801,0	96,8	270,00	15500
MJH 800 ON REQUEST						

MJH - 6 POLE

50 Hz	10000 V		
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 450 LA6	6	560,0	489,0
MJH 500 MA6	6	680,0	594,0
MJH 500 MB6	6	820,0	716,0
MJH 500 LA6	6	950,0	829,0
MJH 560 MB6	6	1450,0	1266,0
MJH 560 LA6	6	1650,0	1440,0
MJH 630 MB6	6	1700,0	1484,0
MJH 630 MC6	6	2000,0	1746,0
MJH 710 SC6	6	2600,0	2269,0
MJH 710 MA6	6	3000,0	2619,0
MJH 710 MB6	6	3600,0	3142,0
MJH 710 LA6	6	4000,0	3491,0
MJH 710 LC6	6	4500,0	3928,0
MJH 800 MB6	6	6000,0	5237,0
MJH 800 LA6	6	6600,0	5761,0
MJH 800 LB6	6	7500,0	6547,0
MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 8 POLE

50 Hz	10000 V		
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA8	6	480,0	419,0
MJH 500 MA8	6	580,0	506,0
MJH 500 MB8	6	680,0	594,0
MJH 500 LA8	6	780,0	681,0
MJH 560 MB8	6	1100,0	960,0
MJH 560 LA8	6	1250,0	1091,0
MJH 630 MC8	6	1350,0	1178,0
MJH 630 LA8	6	1500,0	1309,0
MJH 630 LB8	6	1650,0	1440,0
MJH 710 SA8	6	1900,0	1658,0
MJH 710 SC8	6	2400,0	2095,0
MJH 710 MA8	6	3000,0	2619,0
MJH 710 MB8	6	3500,0	3055,0
MJH 710 LB8	6	3700,0	3230,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 10 POLE

50 Hz	10000 V		
Type	Leads	105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA10	6	340,0	297,0
MJH 500 MA10	6	410,0	358,0
MJH 500 MB10	6	490,0	428,0
MJH 500 LA10	6	550,0	480,0
MJH 630 SA10	6	760,0	663,0
MJH 630 MA10	6	850,0	742,0
MJH 630 MB10	6	1050,0	917,0
MJH 630 LA10	6	1130,0	986,0
MJH 630 LB10	6	1230,0	1074,0
MJH 710 SA10	6	1530,0	1335,0
MJH 710 MA10	6	1870,0	1632,0
MJH 710 LA10	6	2050,0	1789,0
MJH 710 LB10	6	2700,0	2357,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 4 POLE

50 Hz | 10500 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 105 ΔT Cl. F	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 80 ΔT Cl. B	Efficiency P.F. 0,8 4/4 LOAD [%]	Moment of Inertia J Kgm^2	Weight Kg
MJH 450 LA4	6	900,0	786,0	94,6	34,00	3800
MJH 500 MA4	6	1300,0	1135,0	96,0	43,40	4600
MJH 500 LA4	6	1500,0	1309,0	95,3	53,70	5000
MJH 560 MA4	6	2150,0	1877,0	95,6	83,00	6700
MJH 560 LA4	6	2550,0	2226,0	96,0	89,60	7300
MJH 630 MB4	6	2850,0	2488,0	96,0	132,00	8200
MJH 630 LA4	6	3125,0	2728,0	96,2	150,00	9300
MJH 630 LB4	6	3250,0	2837,0	96,0	177,00	9200
MJH 710 SC4	6	3600,0	3142,0	96,1	192,00	12000
MJH 710 MA4	6	4600,0	4015,0	96,5	215,00	12500
MJH 710 MB4	6	5000,0	4364,0	96,8	227,00	14500
MJH 710 LB4	6	5500,0	4801,0	96,8	270,00	15500
MJH 800 ON REQUEST						

MJH - 6 POLE

50 Hz	10500 V		
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 450 LA6	6	560,0	489,0
MJH 500 MA6	6	680,0	594,0
MJH 500 MB6	6	820,0	716,0
MJH 500 LA6	6	950,0	829,0
MJH 560 MB6	6	1450,0	1266,0
MJH 560 LA6	6	1650,0	1440,0
MJH 630 MB6	6	1700,0	1484,0
MJH 630 MC6	6	2000,0	1746,0
MJH 710 SC6	6	2600,0	2269,0
MJH 710 MA6	6	3000,0	2619,0
MJH 710 MB6	6	3600,0	3142,0
MJH 710 LA6	6	4000,0	3491,0
MJH 710 LC6	6	4500,0	3928,0
MJH 800 MB6	6	6000,0	5237,0
MJH 800 LA6	6	6600,0	5761,0
MJH 800 LB6	6	7500,0	6547,0
MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 8 POLE

50 Hz	10500 V		
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA8	6	480,0	419,0
MJH 500 MA8	6	580,0	506,0
MJH 500 MB8	6	680,0	594,0
MJH 500 LA8	6	780,0	681,0
MJH 560 MB8	6	1100,0	960,0
MJH 560 LA8	6	1250,0	1091,0
MJH 630 MC8	6	1350,0	1178,0
MJH 630 LA8	6	1500,0	1309,0
MJH 630 LB8	6	1650,0	1440,0
MJH 710 SA8	6	1900,0	1658,0
MJH 710 SC8	6	2400,0	2095,0
MJH 710 MA8	6	3000,0	2619,0
MJH 710 MB8	6	3500,0	3055,0
MJH 710 LB8	6	3700,0	3230,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 10 POLE

50 Hz	10500 V		
Type	Leads	105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA10	6	340,0	297,0
MJH 500 MA10	6	410,0	358,0
MJH 500 MB10	6	490,0	428,0
MJH 500 LA10	6	550,0	480,0
MJH 630 SA10	6	760,0	663,0
MJH 630 MA10	6	850,0	742,0
MJH 630 MB10	6	1050,0	917,0
MJH 630 LA10	6	1130,0	986,0
MJH 630 LB10	6	1230,0	1074,0
MJH 710 SA10	6	1530,0	1335,0
MJH 710 MA10	6	1870,0	1632,0
MJH 710 LA10	6	2050,0	1789,0
MJH 710 LB10	6	2700,0	2357,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 4 POLE

50 Hz | 11000 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 105 ΔT Cl. F	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 80 ΔT Cl. B	Efficiency P.F. 0,8 4/4 LOAD [%]	Moment of Inertia J Kgm^2	Weight Kg
MJH 450 LA4	6	900,0	786,0	94,6	34,00	3800
MJH 500 MA4	6	1300,0	1135,0	94,8	43,40	4600
MJH 500 LA4	6	1500,0	1309,0	95,1	53,70	5300
MJH 560 MA4	6	2150,0	1877,0	95,5	83,00	6700
MJH 560 LA4	6	2700,0	2357,0	96,1	89,60	7300
MJH 630 MB4	6	2850,0	2488,0	96,0	132,00	8200
MJH 630 LA4	6	3125,0	2728,0	96,3	150,00	9300
MJH 630 LB4	6	3250,0	2837,0	96,4	177,00	9200
MJH 710 SC4	6	3600,0	3142,0	96,1	192,00	12000
MJH 710 MA4	6	4600,0	4015,0	96,5	215,00	12500
MJH 710 MB4	6	5000,0	4364,0	96,9	227,00	14500
MJH 710 LB4	6	5500,0	4801,0	96,8	270,00	15500
MJH 800 ON REQUEST						

MJH - 6 POLE

50 Hz	11000 V		
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 450 LA6	6	560,0	489,0
MJH 500 MA6	6	680,0	594,0
MJH 500 MB6	6	820,0	716,0
MJH 500 LA6	6	950,0	829,0
MJH 560 MB6	6	1450,0	1266,0
MJH 560 LA6	6	1650,0	1440,0
MJH 630 MB6	6	1700,0	1484,0
MJH 630 MC6	6	2000,0	1746,0
MJH 710 SC6	6	2600,0	2269,0
MJH 710 MA6	6	3000,0	2619,0
MJH 710 MB6	6	3600,0	3142,0
MJH 710 LA6	6	4000,0	3491,0
MJH 710 LC6	6	4500,0	3928,0
MJH 800 MB6	6	6000,0	5237,0
MJH 800 LA6	6	6600,0	5761,0
MJH 800 LB6	6	7500,0	6547,0
MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 8 POLE

50 Hz	11000 V		
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA8	6	480,0	419,0
MJH 500 MA8	6	580,0	506,0
MJH 500 MB8	6	680,0	594,0
MJH 500 LA8	6	780,0	681,0
MJH 560 MB8	6	1100,0	960,0
MJH 560 LA8	6	1250,0	1091,0
MJH 630 MC8	6	1350,0	1178,0
MJH 630 LA8	6	1500,0	1309,0
MJH 630 LB8	6	1650,0	1440,0
MJH 710 SA8	6	1900,0	1658,0
MJH 710 SC8	6	2400,0	2095,0
MJH 710 MA8	6	3000,0	2619,0
MJH 710 MB8	6	3500,0	3055,0
MJH 710 LB8	6	3700,0	3230,0
MJH 710 LB8	6	3700,0	3230,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 10 POLE

50 Hz	11000 V		
Type	Leads	105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA10	6	340,0	297,0
MJH 500 MA10	6	410,0	358,0
MJH 500 MB10	6	490,0	428,0
MJH 500 LA10	6	550,0	480,0
MJH 630 SA10	6	760,0	663,0
MJH 630 MA10	6	850,0	742,0
MJH 630 MB10	6	1050,0	917,0
MJH 630 LA10	6	1130,0	986,0
MJH 630 LB10	6	1230,0	1074,0
MJH 710 SA10	6	1530,0	1335,0
MJH 710 MA10	6	1870,0	1632,0
MJH 710 LA10	6	2050,0	1789,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJHV - 4 POLE

50 Hz		3000 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 400 MA4	6	385	336
MJHV 400 LA4	6	518	452
MJHV 400 LB4	6	644	562
MJHV 450 MB4	6	700	611
MJHV 450 LA4	6	784	684
MJHV 450 LB4	6	875	764
MJHV 500 MA4	6	945	825
MJHV 500 MB4	6	1050	917
MJHV 500 LA4	6	1225	1069
MJHV 500 LB4	6	1330	1161
MJHV 560 MA4	6	1575	1375
MJHV 560 LA4	6	1715	1497
MJHV 560 LB4	6	1925	1680
MJHV 630 MB4	6	2030	1772
MJHV 630 LA4	6	2240	1955
MJHV 630 LB4	6	2485	2169
MJHV 710 SC4	6	2950	2575
MJHV 710 MB4	6	3360	2933
MJHV 710 LA4	6	3850	3361
MJHV 710 LB4	6	4200	3666
MJHV 800 ON REQUEST			

MJHV - 6 POLE

50 Hz		3000 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 400 LA6	6	378	330
MJHV 400 LB6	6	399	348
MJHV 450 MB6	6	420	367
MJHV 450 LA6	6	455	397
MJHV 450 LB6	6	511	446
MJHV 500 MA6	6	560	489
MJHV 500 MB6	6	672	587
MJHV 500 LA6	6	770	672
MJHV 560 SC6	6	1050	917
MJHV 560 MB6	6	1260	1100
MJHV 560 LA6	6	1400	1222
MJHV 630 MA6	6	1470	1283
MJHV 630 LA6	6	1610	1405
MJHV 630 LB6	6	1750	1528
MJHV 710 SC6	6	2310	2016
MJHV 710 MA6	6	2870	2505
MJHV 710 MB6	6	3150	2750
MJHV 710 LA6	6	3290	2872
MJHV 710 LB6	6	3500	3055
MJHV 800 MB6	6	4270	3727
MJHV 800 LA6	6	5180	4521
MJHV 800 LB6	6	5600	4888
MJHV 900 - MJHV 1120 - MJHV 1250 ON REQUEST			

MJHV - 4 POLE

50 Hz		6000 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 400 MA4	6	385	336
MJHV 400 LA4	6	518	452
MJHV 400 LB4	6	644	562
MJHV 450 MB4	6	700	611
MJHV 450 LA4	6	784	684
MJHV 450 LB4	6	875	764
MJHV 500 MA4	6	945	825
MJHV 500 MB4	6	1050	917
MJHV 500 LA4	6	1225	1069
MJHV 500 LB4	6	1330	1161
MJHV 560 MA4	6	1575	1375
MJHV 560 LA4	6	1715	1497
MJHV 560 LB4	6	1925	1680
MJHV 630 LA4	6	2240	1955
MJHV 630 MB4	6	2300,0	2008
MJHV 630 LB4	6	2485	2169
MJHV 710 SC4	6	2940	2566
MJHV 710 MB4	6	3360	2933
MJHV 710 LA4	6	3850	3361
MJHV 710 LB4	6	4200	3666
MJHV 800 ON REQUEST			

MJHV - 6 POLE

50 Hz		6000 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 400 LA6	6	378	330
MJHV 400 LB6	6	399	348
MJHV 450 MB6	6	420	367
MJHV 450 LA6	6	455	397
MJHV 450 LB6	6	511	446
MJHV 500 MA6	6	560	489
MJHV 500 MB6	6	672	587
MJHV 500 LA6	6	770	672
MJHV 560 SC6	6	1050	917
MJHV 560 MB6	6	1260	1100
MJHV 560 LA6	6	1400	1222
MJHV 630 MA6	6	1470	1283
MJHV 630 LA6	6	1610	1405
MJHV 630 LB6	6	1750	1528
MJHV 710 SC6	6	2310	2016
MJHV 710 MA6	6	2870	2505
MJHV 710 MB6	6	3150	2750
MJHV 710 LA6	6	3300,0	2880
MJHV 710 LB6	6	3500	3055
MJHV 800 MB6	6	4270	3727
MJHV 800 LA6	6	5180	4521
MJHV 800 LB6	6	5600	4888
MJHV 900 - MJHV 1120 - MJHV 1250 ON REQUEST			

MJHV - 4 POLE

50 Hz		6600 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 400 MA4	6	385	336
MJHV 400 LA4	6	518	452
MJHV 400 LB4	6	644	562
MJHV 450 MB4	6	700	611
MJHV 450 LA4	6	784	684
MJHV 450 LB4	6	875	764
MJHV 500 MA4	6	945	825
MJHV 500 MB4	6	1050	917
MJHV 500 LA4	6	1225	1069
MJHV 500 LB4	6	1330	1161
MJHV 560 MA4	6	1575	1375
MJHV 560 LA4	6	1715	1497
MJHV 560 LB4	6	1925	1680
MJHV 630 MB4	6	2030	1772
MJHV 630 LA4	6	2250,0	1964
MJHV 630 LB4	6	2485	2169
MJHV 710 SC4	6	2940	2566
MJHV 710 MB4	6	3360	2933
MJHV 710 LA4	6	3850	3361
MJHV 710 LB4	6	4200	3666
MJHV 800 ON REQUEST			

MJHV - 6 POLE

50 Hz		6600 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 400 LA6	6	378	330
MJHV 400 LB6	6	399	348
MJHV 450 MB6	6	420	367
MJHV 450 LA6	6	455	397
MJHV 450 LB6	6	511	446
MJHV 500 MA6	6	560	489
MJHV 500 MB6	6	672	587
MJHV 500 LA6	6	770	672
MJHV 560 SC6	6	1050	917
MJHV 560 MB6	6	1260	1100
MJHV 560 LA6	6	1400	1222
MJHV 630 MA6	6	1470	1283
MJHV 630 LA6	6	1610	1405
MJHV 630 LB6	6	1750	1528
MJHV 710 SC6	6	2310	2016
MJHV 710 MA6	6	2870	2505
MJHV 710 MB6	6	3150	2750
MJHV 710 LA6	6	3450,0	3011
MJHV 710 LB6	6	3500	3055
MJHV 800 MB6	6	4270	3727
MJHV 800 LA6	6	5180	4521
MJHV 800 LB6	6	5600	4888
MJHV 900 - MJHV 1120 - MJHV 1250 ON REQUEST			

MJHV - 4 POLE

50 Hz		11000 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 450 LA4	6	630,0	550,2
MJHV 500 MA4	6	910,0	794,5
MJHV 500 LA4	6	1050,0	916,3
MJHV 560 MA4	6	1505,0	1313,9
MJHV 560 LA4	6	1890,0	1649,9
MJHV 630 MA4	6	1995,0	1741,6
MJHV 630 LB4	6	2187,5	1909,6
MJHV 630 MB4	6	2275,0	1985,9
MJHV 710 SC4	6	2520,0	2199,4
MJHV 710 MA4	6	3220,0	2810,5
MJHV 710 MB4	6	3500,0	3054,8
MJHV 710 LB4	6	3850,0	3360,7
MJHV 800 ON REQUEST			

MJHV - 6 POLE

50 Hz		11000 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 450 LA6	6	392,0	342,3
MJHV 500 MA6	6	476,0	415,8
MJHV 500 MB6	6	574,0	501,2
MJHV 500 LA6	6	665,0	580,3
MJHV 560 MB6	6	1015,0	886,2
MJHV 560 LA6	6	1155,0	1008,0
MJHV 630 MB6	6	1190,0	1038,8
MJHV 630 MC6	6	1400,0	1222,2
MJHV 710 SC6	6	1820,0	1588,3
MJHV 710 MA6	6	2100,0	1833,3
MJHV 710 MB6	6	2520,0	2199,4
MJHV 710 LA6	6	2800,0	2443,7
MJHV 710 LC6	6	3150,0	2749,6
MJHV 800 MB6	6	4200,0	3665,9
MJHV 800 LA6	6	4620,0	4032,7
MJHV 900 - MJHV 1120 - MJHV 1250 ON REQUEST			

MJHR - 4 POLE

50 Hz		3000 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 400 MA4	6	540	471
MJHR 400 LA4	6	756	660
MJHR 400 LB4	6	918	801
MJHR 450 MB4	6	945	825
MJHR 450 LA4	6	1080	943
MJHR 450 LB4	6	1170	1021
MJHR 500 MA4	6	1305	1139
MJHR 500 MB4	6	1530	1335
MJHR 500 LA4	6	1665	1453
MJHR 500 LB4	6	1755	1532
MJHR 560 MA4	6	2070	1807
MJHR 560 LA4	6	2295	2003
MJHR 560 LB4	6	2520	2200
MJHR 630 MB4	6	2610	2278
MJHR 630 LA4	6	2880	2514
MJHR 630 LB4	6	3240	2828
MJHR 710 SC4	6	3780	3299
MJHR 710 MB4	6	4320	3771
MJHR 710 LA4	6	4950	4321
MJHR 710 LB4	6	5400	4714
MJHR 800 ON REQUEST			

MJHR - 6 POLE

50 Hz		3000 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 400 LA6	6	558	487
MJHR 400 LB6	6	594	518
MJHR 450 MB6	6	612	534
MJHR 450 LA6	6	675	589
MJHR 450 LB6	6	756	660
MJHR 500 MA6	6	837	731
MJHR 500 MB6	6	990	864
MJHR 500 LA6	6	1116	974
MJHR 560 SC6	6	1458	1273
MJHR 560 MB6	6	1755	1532
MJHR 560 LA6	6	1935	1689
MJHR 630 MA6	6	2025	1768
MJHR 630 LA6	6	2250	1964
MJHR 630 LB6	6	2430	2121
MJHR 710 SC6	6	3105	2710
MJHR 710 MA6	6	3825	3339
MJHR 710 MB6	6	4185	3653
MJHR 710 LA6	6	4365	3810
MJHR 710 LB6	6	4635	4046
MJHR 800 MB6	6	5490	4792
MJHR 800 LA6	6	6660	5813
MJHR 800 LB6	6	7200	6285
MJHR 900 - MJHR 1120 - MJHR 1250 ON REQUEST			

MJHR - 4 POLE

50 Hz		6000 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 400 MA4	6	495	432
MJHR 400 LA4	6	666	581
MJHR 400 LB4	6	828	723
MJHR 450 MB4	6	900	786
MJHR 450 LA4	6	1008	880
MJHR 450 LB4	6	1125	982
MJHR 500 MA4	6	1215	1061
MJHR 500 MB4	6	1350	1178
MJHR 500 LA4	6	1575	1375
MJHR 500 LB4	6	1710	1493
MJHR 560 MA4	6	2025	1768
MJHR 560 LA4	6	2205	1925
MJHR 560 LB4	6	2475	2160
MJHR 630 LA4	6	2880	2514
MJHR 630 LB4	6	3195	2789
MJHR 630 MB4	6	2957,1	2581
MJHR 710 SC4	6	3780	3299
MJHR 710 MB4	6	4320	3771
MJHR 710 LA4	6	4950	4321
MJHR 710 LB4	6	5400	4714
MJHR 800 ON REQUEST			

MJHR - 6 POLE

50 Hz		6000 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 400 LA6	6	486	424
MJHR 400 LB6	6	513	448
MJHR 450 MB6	6	540	471
MJHR 450 LA6	6	585	511
MJHR 450 LB6	6	657	573
MJHR 500 MA6	6	720	628
MJHR 500 MB6	6	864	754
MJHR 500 LA6	6	990	864
MJHR 560 SC6	6	1350	1178
MJHR 560 MB6	6	1620	1414
MJHR 560 LA6	6	1800	1571
MJHR 630 MA6	6	1890	1650
MJHR 630 LA6	6	2070	1807
MJHR 630 LB6	6	2250	1964
MJHR 710 SC6	6	2970	2592
MJHR 710 MA6	6	3690	3221
MJHR 710 MB6	6	4050	3535
MJHR 710 LA6	6	4243	3703
MJHR 710 LB6	6	4500	3928
MJHR 800 MB6	6	5490	4792
MJHR 800 LA6	6	6660	5813
MJHR 800 LB6	6	7200	6285
MJHR 900 - MJHV 1120 - MJHV 1250 ON REQUEST			

MJHR - 4 POLE

50 Hz — 6600 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 400 MA4	6	495	432
MJHR 400 LA4	6	666	581
MJHR 400 LB4	6	828	723
MJHR 450 MB4	6	900	786
MJHR 450 LA4	6	1008	880
MJHR 450 LB4	6	1125	982
MJHR 500 MA4	6	1215	1061
MJHR 500 MB4	6	1350	1178
MJHR 500 LA4	6	1575	1375
MJHR 500 LB4	6	1710	1493
MJHR 560 MA4	6	2025	1768
MJHR 560 LA4	6	2205	1925
MJHR 560 LB4	6	2475	2160
MJHR 630 MB4	6	2610	2278
MJHR 630 LA4	6	2893	2525
MJHR 630 LB4	6	3195	2789
MJHR 710 SC4	6	3780	3299
MJHR 710 MB4	6	4320	3771
MJHR 710 LA4	6	4950	4321
MJHR 710 LB4	6	5400	4714
MJHR 800 ON REQUEST			

MJHR - 4 POLE

50 Hz — 11000 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 450 LA4	6	810,0	707,4
MJHR 500 MA4	6	1170,0	1021,5
MJHR 500 LA4	6	1350,0	1178,1
MJHR 560 MA4	6	1935,0	1689,3
MJHR 560 LA4	6	2430,0	2121,3
MJHR 630 MA4	6	2565,0	2239,2
MJHR 630 MB4	6	2812,5	2455,2
MJHR 630 LB4	6	2925,0	2553,3
MJHR 710 SC4	6	3240,0	2827,8
MJHR 710 MA4	6	4140,0	3613,5
MJHR 710 MB4	6	4500,0	3927,6
MJHR 710 LB4	6	4950,0	4320,9
MJHR 800 ON REQUEST			

MJHR - 6 POLE

50 Hz — 6600 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 400 LA6	6	486	424
MJHR 400 LB6	6	513	448
MJHR 450 MB6	6	540	471
MJHR 450 LA6	6	585	511
MJHR 450 LB6	6	657	573
MJHR 500 MA6	6	720	628
MJHR 500 MB6	6	864	754
MJHR 500 LA6	6	990	864
MJHR 560 SC6	6	1350	1178
MJHR 560 MB6	6	1620	1414
MJHR 560 LA6	6	1800	1571
MJHR 630 MA6	6	1890	1650
MJHR 630 LA6	6	2070	1807
MJHR 630 LB6	6	2250	1964
MJHR 710 SC6	6	2970	2592
MJHR 710 MA6	6	3690	3221
MJHR 710 MB6	6	4050	3535
MJHR 710 LA6	6	4436	3872
MJHR 710 LB6	6	4500	3928
MJHR 800 MB6	6	5490	4792
MJHR 800 LA6	6	6660	5813
MJHRV 800 LB6	6	7200	6285
MJHR 900 - MJHR 1120 - MJHR 1250 ON REQUEST			

MJHR - 6 POLE

50 Hz — 11000 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 450 LA6	6	504,0	440,1
MJHR 500 MA6	6	612,0	534,6
MJHR 500 MB6	6	738,0	644,4
MJHR 500 LA6	6	855,0	746,1
MJHR 560 MB6	6	1305,0	1139,4
MJHR 560 LA6	6	1485,0	1296,0
MJHR 630 MB6	6	1530,0	1335,6
MJHR 630 MC6	6	1800,0	1571,4
MJHR 710 SC6	6	2340,0	2042,1
MJHR 710 MA6	6	2700,0	2357,1
MJHR 710 MB6	6	3240,0	2827,8
MJHR 710 LA6	6	3600,0	3141,9
MJHR 710 LC6	6	4050,0	3535,2
MJHR 800 MB6	6	5400,0	4713,3
MJHR 800 LA6	6	5940,0	5184,9
MJHR 900 - MJHR 1120 - MJHR 1250 ON REQUEST			

60 Hz

MJH - 4 POLE

60 Hz — 4160 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 105 ΔT Cl. F	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 80 ΔT Cl. B	Efficiency P.F. 0,8 4/4 LOAD [%]	Moment of Inertia J Kgm^2	Weight Kg
MJH 400 MA4	6	700,0	611,0	94,7	12,70	2400
MJH 400 LA4	6	960,0	838,0	95,3	17,60	2750
MJH 400 LB4	6	1180,0	1030,0	95,4	20,00	3000
MJH 450 MB4	6	1130,0	986,0	95,5	29,00	3400
MJH 450 LA4	6	1250,0	1091,0	95,6	34,00	3800
MJH 450 LB4	6	1400,0	1222,0	95,7	38,00	4200
MJH 500 MA4	6	1660,0	1449,0	95,7	43,60	4500
MJH 500 MB4	6	2000,0	1746,0	95,9	52,50	4600
MJH 500 LA4	6	2150,0	1877,0	96,1	61,50	5300
MJH 500 LB4	6	2250,0	1964,0	96,2	64,00	5500
MJH 560 MA4	6	2450,0	2139,0	96,1	83,00	6500
MJH 560 LA4	6	2800,0	2444,0	96,1	95,00	6500
MJH 560 LB4	6	3050,0	2662,0	96,2	98,00	6800
MJH 630 MB4	6	3150,0	2750,0	96,5	155,00	7700
MJH 630 LA4	6	3500,0	3055,0	96,3	163,00	8200
MJH 630 LB4	6	3780,0	3299,0	96,3	177,00	8400
MJH 710 SC4	6	4500,0	3928,0	96,5	211,00	12000
MJH 710 MB4	6	5000,0	4364,0	96,7	227,00	13500
MJH 710 LA4	6	5800,0	5063,0	97,1	245,00	13500
MJH 710 LB4	6	6600,0	5761,0	97,2	260,00	15500
MJH 800 ON REQUEST						

MJH - 6 POLE

60 Hz | 4160 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 400 LA6	6	680,0	594,0
MJH 400 LB6	6	710,0	620,0
MJH 450 MB6	6	760,0	663,0
MJH 450 LA6	6	860,0	751,0
MJH 450 LB6	6	970,0	847,0
MJH 500 MA6	6	1070,0	934,0
MJH 500 MB6	6	1270,0	1109,0
MJH 500 LA6	6	1430,0	1248,0
MJH 560 SC6	6	1800,0	1571,0
MJH 560 MB6	6	2100,0	1833,0
MJH 560 LA6	6	2200,0	1920,0
MJH 630 MA6	6	2300,0	2008,0
MJH 630 LA6	6	2600,0	2269,0
MJH 630 LB6	6	2700,0	2357,0
MJH 710 SC6	6	3500,0	3055,0
MJH 710 MA6	6	4300,0	3753,0
MJH 710 MB6	6	4700,0	4102,0
MJH 710 LA6	6	4900,0	4277,0
MJH 710 LB6	6	5200,0	4539,0
MJH 800 MB6	6	6800,0	5936,0
MJH 800 LA6	6	7400,0	6459,0
MJH 800 LB6	6	8000,0	6983,0
MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 8 POLE

60 Hz | 4160 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 400 LA8	6	510,0	445,0
MJH 400 LB8	6	585,0	511,0
MJH 500 MA8	6	900,0	786,0
MJH 500 MB8	6	1060,0	925,0
MJH 500 LA8	6	1220,0	1065,0
MJH 500 LB8	6	1300,0	1135,0
MJH 560 MB8	6	1550,0	1353,0
MJH 560 LA8	6	1720,0	1501,0
MJH 630 MB8	6	1840,0	1606,0
MJH 630 LA8	6	1950,0	1702,0
MJH 630 LB8	6	2120,0	1850,0
MJH 710 SA8	6	2730,0	2383,0
MJH 710 SC8	6	3330,0	2907,0
MJH 710 MA8	6	4150,0	3622,0
MJH 710 MB8	6	4600,0	4015,0
MJH 710 LB8	6	4750,0	4146,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 10 POLE

60 Hz | 4160 V

Type	Leads	105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA10	6	530,0	463,0
MJH 500 MA10	6	650,0	567,0
MJH 500 MB10	6	760,0	663,0
MJH 500 LA10	6	850,0	742,0
MJH 630 SA10	6	1030,0	899,0
MJH 630 MA10	6	1200,0	1047,0
MJH 630 MB10	6	1400,0	1222,0
MJH 630 LA10	6	1600,0	1397,0
MJH 630 LB10	6	1800,0	1571,0
MJH 710 SA10	6	2100,0	1833,0
MJH 710 MA10	6	2500,0	2182,0
MJH 710 LA10	6	2800,0	2444,0
MJH 710 LB10	6	3740,0	3265,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 4 POLE

60 Hz — 6600 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 105 ΔT Cl. F	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 80 ΔT Cl. B	Efficiency P.F. 0,8 4/4 LOAD [%]
MJH 400 MA4	6	660,0	576,0	94,6
MJH 400 LA4	6	900,0	786,0	95,2
MJH 400 LB4	6	1120,0	978,0	95,3
MJH 450 MB4	6	1100,0	960,0	95,5
MJH 450 LA4	6	1200,0	1047,0	95,6
MJH 450 LB4	6	1330,0	1161,0	95,7
MJH 500 MA4	6	1500,0	1309,0	95,6
MJH 500 MB4	6	1650,0	1440,0	95,8
MJH 500 LA4	6	1900,0	1658,0	96,0
MJH 500 LB4	6	2200,0	1920,0	96,1
MJH 560 MA4	6	2500,0	2182,0	95,9
MJH 560 LA4	6	2750,0	2400,0	96,0
MJH 560 LB4	6	3000,0	2619,0	96,1
MJH 630 MB4	6	3150,0	2750,0	96,4
MJH 630 LA4	6	3500,0	3055,0	96,5
MJH 630 LB4	6	3700,0	3230,0	96,6
MJH 710 SC4	6	4500,0	3928,0	96,4
MJH 710 MB4	6	5000,0	4364,0	96,6
MJH 710 LB4	6	6600,0	5761,0	96,9
MJH 800 ON REQUEST				

MJH - 6 POLE

60 Hz | 6600 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 400 LA6	6	650,0	567,0
MJH 400 LB6	6	700,0	611,0
MJH 450 MB6	6	720,0	628,0
MJH 450 LA6	6	800,0	698,0
MJH 450 LB6	6	890,0	777,0
MJH 500 MA6	6	970,0	847,0
MJH 500 MB6	6	1160,0	1013,0
MJH 500 LA6	6	1330,0	1161,0
MJH 560 SC6	6	1680,0	1466,0
MJH 560 MB6	6	2000,0	1746,0
MJH 560 LA6	6	2050,0	1789,0
MJH 630 MA6	6	2150,0	1877,0
MJH 630 LA6	6	2350,0	2051,0
MJH 630 LB6	6	2500,0	2182,0
MJH 710 SC6	6	3350,0	2924,0
MJH 710 MA6	6	4100,0	3579,0
MJH 710 MB6	6	4500,0	3928,0
MJH 710 LA6	6	4700,0	4102,0
MJH 710 LB6	6	5000,0	4364,0
MJH 800 MB6	6	6700,0	5848,0
MJH 800 LA6	6	7500,0	6547,0
MJH 800 LB6	6	8000,0	6983,0
MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 8 POLE

60 Hz | 6600 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 400 LA8	6	470,0	410,0
MJH 400 LB8	6	540,0	471,0
MJH 500 MA8	6	820,0	716,0
MJH 500 MB8	6	970,0	847,0
MJH 500 LA8	6	1100,0	960,0
MJH 500 LB8	6	1200,0	1047,0
MJH 560 MB8	6	1500,0	1309,0
MJH 560 LA8	6	1650,0	1440,0
MJH 630 MB8	6	1750,0	1528,0
MJH 630 LA8	6	1850,0	1615,0
MJH 630 LB8	6	2000,0	1746,0
MJH 710 SA8	6	2600,0	2269,0
MJH 710 SC8	6	3200,0	2793,0
MJH 710 MA8	6	4000,0	3491,0
MJH 710 MB8	6	4500,0	3928,0
MJH 710 LB8	6	4650,0	4059,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 10 POLE

60 Hz | 6600 V

Type	Leads	105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA10	6	470,0	410,0
MJH 500 MA10	6	580,0	506,0
MJH 500 MB10	6	690,0	602,0
MJH 500 LA10	6	760,0	663,0
MJH 630 SA10	6	970,0	847,0
MJH 630 MA10	6	1130,0	986,0
MJH 630 MB10	6	1350,0	1178,0
MJH 630 LA10	6	1500,0	1309,0
MJH 630 LB10	6	1700,0	1484,0
MJH 710 SA10	6	1950,0	1702,0
MJH 710 MA10	6	2350,0	2051,0
MJH 710 LA10	6	2640,0	2304,0
MJH 710 LB10	6	3520,0	3073,0
MJH 800 - MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 4 POLE

60 Hz — 13800 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 105 ΔT Cl. F	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp. 80 ΔT Cl. B	Efficiency P.F. 0,8 4/4 LOAD [%]	Moment of Inertia J Kgm^2	Weight Kg
MJH 500 MA4	6	1400,0	1222,0	94,1	45,00	5000
MJH 500 LA4	6	1600,0	1397,0			
MJH 560 MA4	6	2200,0	1920,0	95,0	83,00	6500
MJH 560 LA4	6	2700,0	2357,0	95,4	105,00	7500
MJH 630 SC4	6	2700,0	2357,0			
MJH 630 MA4	6	3000,0	2619,0	95,6	132,00	8200
MJH 630 LB4	6	3400,0	2968,0			
MJH 630 LA4	6	3400,0	2968,0	95,6	155,00	8700
MJH 710 SC4	6	4000,0	3491,0	96,3	211,00	12000
MJH 710 MA4	6	4800,0	4190,0	96,4	215,00	12500
MJH 710 MB4	6	5250,0	4583,0	96,5	231,00	13500
MJH 710 LB4	6	5500,0	4801,0	96,5	255,00	14700
MJH 800 ON REQUEST						

MJH - 6 POLE

60 Hz | 13800 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 MA6	6	820,0	716,0
MJH 500 MB6	6	980,0	855,0
MJH 500 LA6	6	1150,0	1004,0
MJH 560 MB6	6	1700,0	1484,0
MJH 560 LA6	6	1900,0	1658,0
MJH 630 MB6	6	1950,0	1702,0
MJH 630 MC6	6	2150,0	1877,0
MJH 710 SC6	6	2750,0	2400,0
MJH 710 MA6	6	3150,0	2750,0
MJH 710 MB6	6	3750,0	3273,0
MJH 710 LA6	6	4250,0	3710,0
MJH 710 LC6	6	4600,0	4015,0
MJH 800 MB6	6	6300,0	5499,0
MJH 800 LA6	6	6800,0	5936,0
MJH 800 LB6	6	7200,0	6285,0
MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 8 POLE

60 Hz | 13800 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA8	6	570,0	498,0
MJH 500 MA8	6	690,0	602,0
MJH 500 MB8	6	820,0	716,0
MJH 500 LA8	6	930,0	812,0
MJH 560 MB8	6	1200,0	1047,0
MJH 560 LA8	6	1300,0	1135,0
MJH 630 MC8	6	1450,0	1266,0
MJH 630 LA8	6	1600,0	1397,0
MJH 630 LB8	6	1750,0	1528,0
MJH 710 SA8	6	2000,0	1746,0
MJH 710 SC8	6	2500,0	2182,0
MJH 710 MA8	6	3150,0	2750,0
MJH 710 MB8	6	3900,0	3404,0
MJH 710 LB8	6	4100,0	3579,0
MJH 800 LA8	6	5750,0	5019,0
MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJH - 10 POLE

60 Hz | 13800 V

Type	Leads	105 ΔT Cl. F	80 ΔT Cl. B
MJH 500 SA10	6	400,0	349,0
MJH 500 MA10	6	490,0	428,0
MJH 500 MB10	6	580,0	506,0
MJH 500 LA10	6	650,0	567,0
MJH 630 SA10	6	830,0	724,0
MJH 630 MA10	6	960,0	838,0
MJH 630 MB10	6	1140,0	995,0
MJH 630 LA10	6	1280,0	1117,0
MJH 630 LB10	6	1450,0	1266,0
MJH 710 SA10	6	1660,0	1449,0
MJH 710 MA10	6	2000,0	1746,0
MJH 800 MA10	6	3650,0	3186,0
MJH 900 - MJH 1000 - MJH 1120 - MJH 1250 ON REQUEST			

MJHV - 4 POLE

60 Hz		4160 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 400 MA4	6	490,0	427,7
MJHV 400 LA4	6	672,0	586,6
MJHV 400 LB4	6	826,0	721,0
MJHV 450 MB4	6	791,0	690,2
MJHV 450 LA4	6	875,0	763,7
MJHV 450 LB4	6	980,0	855,4
MJHV 500 MA4	6	1162,0	1014,3
MJHV 500 MB4	6	1400,0	1222,2
MJHV 500 LA4	6	1505,0	1313,9
MJHV 500 LB4	6	1575,0	1374,8
MJHV 560 MA4	6	1715,0	1497,3
MJHV 560 LA4	6	1960,0	1710,8
MJHV 560 LB4	6	2135,0	1863,4
MJHV 630 MB4	6	2205,0	1925,0
MJHV 630 LA4	6	2450,0	2138,5
MJHV 630 LB4	6	2646,0	2309,3
MJHV 710 SC4	6	3150,0	2749,6
MJHV 710 MB4	6	3500,0	3054,8
MJHV 710 LA4	6	4060,0	3544,1
MJHV 710 LB4	6	4620,0	4032,7
MJHV 800 ON REQUEST			

MJHV - 6 POLE

60 Hz		4160 V	
Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 400 LA6	6	476,0	415,8
MJHV 400 LB6	6	497,0	434,0
MJHV 450 MB6	6	532,0	464,1
MJHV 450 LA6	6	602,0	525,7
MJHV 450 LB6	6	679,0	592,9
MJHV 500 MA6	6	749,0	653,8
MJHV 500 MB6	6	889,0	776,3
MJHV 500 LA6	6	1001,0	873,6
MJHV 560 SC6	6	1260,0	1099,7
MJHV 560 MB6	6	1470,0	1283,1
MJHV 560 LA6	6	1540,0	1344,0
MJHV 630 MA6	6	1610,0	1405,6
MJHV 630 LA6	6	1820,0	1588,3
MJHV 630 LB6	6	1890,0	1649,9
MJHV 710 SC6	6	2450,0	2138,5
MJHV 710 MA6	6	3010,0	2627,1
MJHV 710 MB6	6	3290,0	2871,4
MJHV 710 LA6	6	3430,0	2993,9
MJHV 710 LB6	6	3640,0	3177,3
MJHV 800 MB6	6	4760,0	4155,2
MJHV 800 LA6	6	5180,0	4521,3
MJHV 800 LB6	6	5600,0	4888,1
MJHV 900 - MJHV 1120 - MJHV 1250 ON REQUEST			

MJHV - 4 POLE

60 Hz — 6600 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 400 MA4	6	462,0	403,2
MJHV 400 LA4	6	630,0	550,2
MJHV 400 LB4	6	784,0	684,6
MJHV 450 MB4	6	770,0	672,0
MJHV 450 LA4	6	840,0	732,9
MJHV 450 LB4	6	931,0	812,7
MJHV 500 MA4	6	1050,0	916,3
MJHV 500 MB4	6	1155,0	1008,0
MJHV 500 LA4	6	1330,0	1160,6
MJHV 500 LB4	6	1540,0	1344,0
MJHV 560 MA4	6	1750,0	1527,4
MJHV 560 LA4	6	1925,0	1680,0
MJHV 560 LB4	6	2100,0	1833,3
MJHV 630 MB4	6	2205,0	1925,0
MJHV 630 LA4	6	2450,0	2138,5
MJHV 630 LB4	6	2590,0	2261,0
MJHV 710 SC4	6	3150,0	2749,6
MJHV 710 MB4	6	3500,0	3054,8
MJHV 710 LB4	6	4620,0	4032,7
MJHV 800 ON REQUEST			

MJHV - 4 POLE

60 Hz — 13800 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 500 MA4	6	980,0	855,4
MJHV 500 LA4	6	1120,0	977,9
MJHV 560 MA4	6	1540,0	1344,0
MJHV 560 LA4	6	1890,0	1649,9
MJHV 630 SC4	6	1890,0	1649,9
MJHV 630 MA4	6	2100,0	1833,3
MJHV 630 LB4	6	2380,0	2077,6
MJHV 630 LA4	6	2380,0	2077,6
MJHV 710 SC4	6	2800,0	2443,7
MJHV 710 MA4	6	3360,0	2933,0
MJHV 710 MB4	6	3675,0	3208,1
MJHV 710 LB4	6	3850,0	3360,7
MJHV 800 ON REQUEST			

MJHV - 6 POLE

60 Hz — 6600 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 400 LA6	6	455,0	396,9
MJHV 400 LB6	6	490,0	427,7
MJHV 450 MB6	6	504,0	439,6
MJHV 450 LA6	6	560,0	488,6
MJHV 450 LB6	6	623,0	543,9
MJHV 500 MA6	6	679,0	592,9
MJHV 500 MB6	6	812,0	709,1
MJHV 500 LA6	6	931,0	812,7
MJHV 560 SC6	6	1176,0	1026,2
MJHV 560 MB6	6	1400,0	1222,2
MJHV 560 LA6	6	1435,0	1252,3
MJHV 630 MA6	6	1505,0	1313,9
MJHV 630 LA6	6	1645,0	1435,7
MJHV 630 LB6	6	1750,0	1527,4
MJHV 710 SC6	6	2345,0	2046,8
MJHV 710 MA6	6	2870,0	2505,3
MJHV 710 MB6	6	3150,0	2749,6
MJHV 710 LA6	6	3290,0	2871,4
MJHV 710 LB6	6	3500,0	3054,8
MJHV 800 MB6	6	4690,0	4093,6
MJHV 800 LA6	6	5250,0	4582,9
MJHV 800 LB6	6	5600,0	4888,1
MJHV 900 - MJHV 1120 - MJHV 1250 ON REQUEST			

MJHV - 6 POLE

60 Hz — 13800 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHV 500 MA6	6	574,0	501,2
MJHV 500 MB6	6	686,0	598,5
MJHV 500 LA6	6	805,0	702,8
MJHV 560 MB6	6	1190,0	1038,8
MJHV 560 LA6	6	1330,0	1160,6
MJHV 630 MB6	6	1365,0	1191,4
MJHV 630 MC6	6	1505,0	1313,9
MJHV 710 SC6	6	1925,0	1680,0
MJHV 710 MA6	6	2205,0	1925,0
MJHV 710 MB6	6	2625,0	2291,1
MJHV 710 LA6	6	2975,0	2597,0
MJHV 710 LC6	6	3220,0	2810,5
MJHV 800 MB6	6	4410,0	3849,3
MJHV 800 LA6	6	4760,0	4155,2
MJHV 800 LB6	6	5040,0	4399,5
MJHV 900 - MJHV 1120 - MJHV 1250 ON REQUEST			

MJHR - 4 POLE

60 Hz — 4160 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 400 MA4	6	630,0	549,9
MJHR 400 LA4	6	864,0	754,2
MJHR 400 LB4	6	1062,0	927,0
MJHR 450 MB4	6	1017,0	887,4
MJHR 450 LA4	6	1125,0	981,9
MJHR 450 LB4	6	1260,0	1099,8
MJHR 500 MA4	6	1494,0	1304,1
MJHR 500 MB4	6	1800,0	1571,4
MJHR 500 LA4	6	1935,0	1689,3
MJHR 500 LB4	6	2025,0	1767,6
MJHR 560 MA4	6	2205,0	1925,1
MJHR 560 LA4	6	2520,0	2199,6
MJHR 560 LB4	6	2745,0	2395,8
MJHR 630 MB4	6	2835,0	2475,0
MJHR 630 LA4	6	3150,0	2749,5
MJHR 630 LB4	6	3402,0	2969,1
MJHR 710 SC4	6	4050,0	3535,2
MJHR 710 MB4	6	4500,0	3927,6
MJHR 710 LA4	6	5220,0	4556,7
MJHR 710 LB4	6	5940,0	5184,9
MJHR 800 ON REQUEST			

MJHR - 6 POLE

60 Hz — 4160 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 400 LA6	6	612,0	534,6
MJHR 400 LB6	6	639,0	558,0
MJHR 450 MB6	6	684,0	596,7
MJHR 450 LA6	6	774,0	675,9
MJHR 450 LB6	6	873,0	762,3
MJHR 500 MA6	6	963,0	840,6
MJHR 500 MB6	6	1143,0	998,1
MJHR 500 LA6	6	1287,0	1123,2
MJHR 560 SC6	6	1620,0	1413,9
MJHR 560 MB6	6	1890,0	1649,7
MJHR 560 LA6	6	1980,0	1728,0
MJHR 630 MA6	6	2070,0	1807,2
MJHR 630 LA6	6	2340,0	2042,1
MJHR 630 LB6	6	2430,0	2121,3
MJHR 710 SC6	6	3150,0	2749,5
MJHR 710 MA6	6	3870,0	3377,7
MJHR 710 MB6	6	4230,0	3691,8
MJHR 710 LA6	6	4410,0	3849,3
MJHR 710 LB6	6	4680,0	4085,1
MJHR 800 MB6	6	6120,0	5342,4
MJHR 800 LA6	6	6660,0	5813,1
MJHR 800 LB6	6	7200,0	6284,7
MJHR 900 - MJHR 1120 - MJHR 1250 ON REQUEST			

MJHR - 4 POLE

60 Hz — 6600 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 400 MA4	6	594,0	518,4
MJHR 400 LA4	6	810,0	707,4
MJHR 400 LB4	6	1008,0	880,2
MJHR 450 MB4	6	990,0	864,0
MJHR 450 LA4	6	1080,0	942,3
MJHR 450 LB4	6	1197,0	1044,9
MJHR 500 MA4	6	1350,0	1178,1
MJHR 500 MB4	6	1485,0	1296,0
MJHR 500 LA4	6	1710,0	1492,2
MJHR 500 LB4	6	1980,0	1728,0
MJHR 560 MA4	6	2250,0	1963,8
MJHR 560 LA4	6	2475,0	2160,0
MJHR 560 LB4	6	2700,0	2357,1
MJHR 630 MB4	6	2835,0	2475,0
MJHR 630 LA4	6	3150,0	2749,5
MJHR 630 LB4	6	3330,0	2907,0
MJHR 710 SC4	6	4050,0	3535,2
MJHR 710 MB4	6	4500,0	3927,6
MJHR 710 LB4	6	5940,0	5184,9
MJHR 800 ON REQUEST			

MJHR - 4 POLE

60 Hz — 13800 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 500 MA4	6	1260,0	1099,8
MJHR 500 LA4	6	1440,0	1257,3
MJHR 560 MA4	6	1980,0	1728,0
MJHR 560 LA4	6	2430,0	2121,3
MJHR 630 SC4	6	2430,0	2121,3
MJHR 630 MA4	6	2700,0	2357,1
MJHR 630 LB4	6	3060,0	2671,2
MJHR 630 LA4	6	3060,0	2671,2
MJHR 710 SC4	6	3600,0	3141,9
MJHR 710 MA4	6	4320,0	3771,0
MJHR 710 MB4	6	4725,0	4124,7
MJHR 710 LB4	6	4950,0	4320,9
MJHR 800 ON REQUEST			

MJHR - 6 POLE

60 Hz — 6600 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 400 LA6	6	585,0	510,3
MJHR 400 LB6	6	630,0	549,9
MJHR 450 MB6	6	648,0	565,2
MJHR 450 LA6	6	720,0	628,2
MJHR 450 LB6	6	801,0	699,3
MJHR 500 MA6	6	873,0	762,3
MJHR 500 MB6	6	1044,0	911,7
MJHR 500 LA6	6	1197,0	1044,9
MJHR 560 SC6	6	1512,0	1319,4
MJHR 560 MB6	6	1800,0	1571,4
MJHR 560 LA6	6	1845,0	1610,1
MJHR 630 MA6	6	1935,0	1689,3
MJHR 630 LA6	6	2115,0	1845,9
MJHR 630 LB6	6	2250,0	1963,8
MJHR 710 SC6	6	3015,0	2631,6
MJHR 710 MA6	6	3690,0	3221,1
MJHR 710 MB6	6	4050,0	3535,2
MJHR 710 LA6	6	4230,0	3691,8
MJHR 710 LB6	6	4500,0	3927,6
MJHR 800 MB6	6	6030,0	5263,2
MJHR 800 LA6	6	6750,0	5892,3
MJHR 800 LB6	6	7200,0	6284,7
MJHR 900 - MJHR 1120 - MJHR 1250 ON REQUEST			

MJHR - 6 POLE

60 Hz — 13800 V

Type	Leads	Continuous duty rating kVA @ Temp. rise over 40 °C ambient temp.	
		105 ΔT Cl. F	80 ΔT Cl. B
MJHR 500 MA6	6	738,0	644,4
MJHR 500 MB6	6	882,0	769,5
MJHR 500 LA6	6	1035,0	903,6
MJHR 560 MB6	6	1530,0	1335,6
MJHR 560 LA6	6	1710,0	1492,2
MJHR 630 MB6	6	1755,0	1531,8
MJHR 630 MC6	6	1935,0	1689,3
MJHR 710 SC6	6	2475,0	2160,0
MJHR 710 MA6	6	2835,0	2475,0
MJHR 710 MB6	6	3375,0	2945,7
MJHR 710 LA6	6	3825,0	3339,0
MJHR 710 LC6	6	4140,0	3613,5
MJHR 800 MB6	6	5670,0	4949,1
MJHR 800 LA6	6	6120,0	5342,4
MJHR 800 LB6	6	6480,0	5656,5
MJHR 900 - MJHR 1120 - MJHR 1250 ON REQUEST			

AVR - SELECTION TABLE - MEDIUM /HIGH VOLTAGE

		1000 - 6900 V			> 900 V	
		ANALOGUE			DIGITAL	
AVR type		**MGC I**	**MGC II**	**-**	**D-Vo**	
AVR type for PMG		**-**	**-**	**MARK X**	**D-Vo**	
Code		**10001467**	**10004378**	**10005161**	**10024470**	
Generator frame size	**standard**	400 ÷ 560	630 ÷ 800+	-	-	400 ÷ 800+
	on request	-		400 ÷ 560	400 ÷ 800+	-
AVR supply		Aux winding		PMG	Aux winding, PMG	PMG
Voltage sensing		Single phase		Three phase (*)	Three phase (*)	
Voltage remote control		Arrangement			Arrangement	
Radio interference suppressor		Internal			Arrangement for external filters	
Over-excitation device		Arrangement for external A.P.F.R.		PMG	PMG, Arrangement for VARICOMP	PMG
Parallel operation with the mains		Arrangement for external A.P.F.R.			Included	
Parallel operation with similar generators		Included			Included	
Standard protections		-		Field over-current	Field over-current, Field over-voltage, Generator over/under-voltage, Generator over-current, Loss of sensing	
Limiters		Under-frequency			Under-frequency, Over/under-excitation	
Functions		Auxiliary inputs			PC interface, Soft start, Auxiliary inputs, contact inputs, DMS, Modbus TCP, FRT function	

* For HV, single phase is standard, three-phase sensing is optional

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