

**ELECTRICAL
DATAS**

MOTOR TYPE		220 6 poli				
SIZE		1	2	3	4	5
Stall torque	Nm	20	40	60	80	100
Peak torque	Nm	60	120	180	240	300
Rotor inertia	g x m ²	7,6	13	20	26	33
Poles N°		6	6	6	6	6

Power supply 220V x 3		1	2	3	4	5
Nominal speed	Rpm	3000	3000	3000	+	+
Stall current	A	20,7	41,4	64,5	+	+
Peak current	A	62	124	193	+	+
Line resistance	Ω	0,7	0,21	0,1	+	+
Line inductance	mH	6,3	3,2	2	+	+

Power supply 380V x 3		1	2	3	4	5
Nominal speed	Rpm	3000	3000	3000	3000	3000
Stall current	A	13,8	24,2	36,3	48	57
Peak current	A	41	72,5	108	144	171
Line resistance	Ω	1,6	0,62	0,32	0,21	0,16
Line inductance	mH	14,2	9,3	6,2	4,7	4,1

**OVERALL
DIMENSIONS**

MOTOR TYPE		220 6 poli					
SIZE		1	2	3	4	5	+
A	Total length	239	275	311	347	383	+
A	Length with brake	UT	UT	UT	UT	UT	+
B	Flange side	240					
C	Truing diameter	180					
D	Fixing holes centers	240					
E	Fixing holes diameter	M12					
F	Total height	297					
G	Shaft length	80	80	80	80	80	80

H	Shaft diameter	38	38	38	38	38	+
I	Key length	60	60	60	60	60	+
L	Key width	10	10	10	10	10	+
M	Key from shaft end	10	10	10	10	10	+
N	Key height	43	43	43	43	43	+
P	Truing width	4	4	4	4	4	+
Q	Flange width	24	24	24	24	24	+



BRL 220

Protection: IP 54, IP 55 or IP 65

Insulation class F

**ELECTRICAL
DATAS**

MOTOR TYPE		220 24 poli				
		1	2	3	4	5
SIZE		1	2	3	4	5
Stall torque	Nm	30	60	90	120	150
Peak torque	Nm	90	180	270	260	450
Rotor inertia	$\frac{g \times m^2}{m^2}$	14,8	26,7	38,6	50,6	62,5
Poles N°		24	24	24	24	24

Power supply 220V x 3		1	2	3	4	5
Nominal speed	Rpm	600	600	600	600	600
Stall current	A	6,8	13,5	20,3	27	32,4
Peak current	A	20	40	70	81	97
Line resistance	Ω	9,3	2,8	1,5	0,97	0,76
Line inductance	mH	14,2	7,1	4,7	3,6	3

Power supply 380V x 3		1	2	3	4	5
Nominal speed	Rpm	600	600	600	600	600
Stall current	A	4,1	7,4	10,8	14,7	18
Peak current	A	12,3	22,2	32,4	44,1	54
Line resistance	Ω	26	9,6	5,25	3,25	2,5

Line inductance	mH	40	24	16,7	12	10
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**OVERALL
DIMENSIONS**

MOTOR TYPE		220 24 poli					
SIZE		1	2	3	4	5	+
A	Total length	257	302	347	392	437	+
A	Length with brake	UT	UT	UT	UT	UT	+
B	Flange side	240					
C	Truing diameter	180					
D	Fixing holes centers	240					
E	Fixing holes diameter	M12					
F	Total height	297					
G	Shaft length	80	80	80	80	80	80
H	Shaft diameter	38	38	38	38	38	+
I	Key length	60	60	60	60	60	+
L	Key width	10	10	10	10	10	+
M	Key from shaft end	10	10	10	10	10	+
N	Key height	43	43	43	43	43	+
P	Truing width	4	4	4	4	4	+
Q	Flange width	24	24	24	24	24	+



BRL 220

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Insulation class F