

## Trofazni kavezni asinkroni motori

Three-phase squirrel cage induction motors / Dreiphasige Asynchronmotoren mit Käfigläufer

### 1.2. VIŠEBRZINSKI MOTORI

### 1.2. MULTI-SPEED MOTORS

### 1.2. MEHRTOURIGE MOTOREN

Tablica 1.8. / Table 1.8. / Tabelle 1.8.

Standardna izvedba	Standard design	Standardausführung
Serije i veličine:	Series and frame sizes:	Baureihen und Baugrößen:
Motori serije <b>5</b> u siluminskom, tlačno lijevanom orebrenom kućištu s odlivenim nogama u veličinama <b>56-160</b> Motori serije <b>7</b> u orebrenom kućištu od sivog lijeva s montažnim nogama u veličinama <b>180-280</b> (Veličine <b>315</b> na upit)	Series <b>5</b> motors in die casted aluminum alloy ribbed housing with die casted feet in IEC frame sizes <b>56 – 160</b> Serie <b>7</b> motors in cast iron ribbed housing with demountable feet in IEC frame sizes <b>180 – 280</b> (IEC frame size <b>315</b> on request)	Motorenbaureihe <b>5</b> im gerippten Alu-Druckgussgehä use mit gegossenen Füßen in Baugrößen <b>56-160</b> Motorenbaureihe <b>7</b> im gerippten Graugussgehä use mit angeschraubten Füßen in Baugrößen <b>180-280</b> (Baugröße <b>315</b> auf Anfrage)
Broj polova:	Number of poles:	Polzahlen:
Višebrzinski motori : - za konstantni protumoment serija AZP - za primjenu u ventilaciji serija AZPV a) 4/2, 8/4, 12/6 u Dahlander spoju s jednim namotom b) 6/4, 8/6, 6/2, 8/2 s dva odvojena namota c) 8/4/2, 6/4/2, 8/6/4 s dva odvojena namota (jedan u Dahlander spoju)	Multi-speed motors: - series AZP with constant torque at both speeds - fan rated AZPV series a) 4/2, 8/4, 12/6 – one winding in Dahlander connection b) 6/4, 8/6, 6/2, 8/2 – two separate windings c) 8/4/2, 6/4/2, 8/6/4 – two separate windings (one in Dahlander connection)	Mehrtourige Motoren: - Baureihe AZP für konstantes Moment - Baureihe AZPV für die Ventilationsanwendung a) 4/2, 8/4, 12/6 – in Dahlander-Schaltung mit einer Wicklung b) 6/4, 8/6, 6/2, 8/2 – mit zwei getrennten Wicklungen c) 8/4/2, 6/4/2, 8/6/4 – mit zwei getrennten Wicklungen (eine in Dahlander-Schaltung)
Oblici ugradnje:	Mounting arrangements:	Bauformen:
IM B3, B5, B35, B14 i B34 (dva posljednja do uključivo veličine 132)	IM B3, B5, B35, B14 and B34 (last two available up to frame size 132)	IM B3, B5, B35, B14 und B34 (die zwei letzten bis einschließlich der Bgr.132)
Priključni ormarić:	Terminal box:	Klemmenkasten:
metalni, gledano sa strane pogonskog vratila u oblicima IM B3, B35 i B34 smješten gore uvodnice i čepovi sa „M“ navojem prema tehničkim razjašnjenjima	metal, viewed from drive end side in mounting arrangements IMB3, B35 and B34 situated on top cable glands and cable plugs with „M“ thread according to technical explanations	aus Metall, betrachtet von der Antriebswellenseite in Bauformen IMB3, B35 und B34 oben aufgestellt, Kabelverschraubungen und Stopfen mit metrischem Gewinde M nach technischen Erläuterungen
Vrsta pogona:	Duty type:	Betriebsart:
S1; (za okolinu -20°C do +40°C i postav do 1000 m nm)	S1 (for ambient from -20°C to +40°C and altitude up to 1000 m above sea level)	S1 (für die Umgebung von -20°C bis +40°C und die Aufstellung bis 1000m über dem Meeresspiegel)
Napon i frekvencija:	Voltage and frequency:	Spannung u.Freqüenz:
400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
Stupanj zaštite:	Protection index:	Schutzgrad:
IP55	IP55	IP55
Klasa izolacije:	Insulation class:	Isolationsklasse:
F (zagrijavanje u B)	F (rise in B)	F (Erwärmung in B)
Ton boje:	Colour tone:	Farbton:
RAL 5010	RAL 5010	RAL 5010

SHEME SPAJANJA

CONNECTION DIAGRAMS

SCHALTSCHEMEN

Tablica 1.9. / Table 1.9. / Tabelle 1.9.

TROFAZNI DVOBRZINSKI MOTORI S JEDNIM NAMOTOM THREE-PHASE DOUBLE SPEED MOTORS WITH ONE WINDING DREIPHASIGE ZWEITOURIGE MOTOREN MIT EINER WICKLUNG		
	NIŽA BRZINA LOW SPEED NIEDRIGE DREHZAHL	VIŠA BRZINA HIGHER SPEED HOHE DREHZAHL
DAHLANDER SPOJ D/YY - KONSTANTNI MOMENT NA OBJE BRZINE DAHLANDER CONNECTION D/YY CONSTANT TORQUE ON BOTH SPEEDS DAHLANDER-SCHALTUNG D/YY KONSTANTES MOMENT AUF BEIDEN DREHZAHLN		
DAHLANDER SPOJ Y/YY - VENTILATORSKA KARAKTERISTIKA MOMENTA DAHLANDER CONNECTION Y/YY FAN RATED TORQUE CHARACTERISTIC DAHLANDER-SCHALTUNG Y/YY LEISTUNGSTUFUNG FÜR LÜFTERANTRIEBSMOTOREN		
SHEMA PRIKLJUČKA NA MREŽU POWER SUPPLY CONNECTION DIAGRAM KLEMMENSCHALTPLAN AUFNS NETZ		

Tablica 1.10. / Table 1.10. / Tabelle 1.10.

TROFAZNI DVOBRZINSKI MOTORI S DVA ODVOJENA NAMOTA THREE-PHASE DOUBLE SPEED MOTORS WITH TWO SEPARATE WINDINGS DREIPHASIGE ZWEITOURIGE MOTOREN MIT ZWEI GETRENNTEN WICKLUNGEN		
	NIŽA BRZINA LOWER SPEED NIEDRIGE DREHZAHL	VIŠA BRZINA HIGHER SPEED HOHE DREHZAHL
DVA ODVOJENA NAMOTA Y/Y TWO SEPARATE WINDINGS Y/Y ZWEI GETRENNTEN WICKLUNGEN Y/Y		
SHEMA PRIKLJUČKA NA MREŽU POWER SUPPLY CONNECTION DIAGRAM KLEMMENSCHALTPLAN AUFNS NETZ		

## Trofazni kavezni asinkroni motorji

Three-phase squirrel cage induction motors / Dreiphasige Asynchronmotoren mit Käfigläufer

**DVOBRZINSKI MOTORJI S KONSTANTNIM MOMENTOM NA OBJE BRZINE.**

**TWO-SPEED MOTORS WITH CONSTANT TORQUE AT BOTH SPEEDS**

**ZWEITOURIGE MOTOREN MIT KONSTANTEM LASTMOMENT AUF BEIDEN DREHZAHLEN**

**IZVEDBA MOTORA S JEDNIM NAMOTOM U DAHLANDER SPOJU**

**ONE WINDING IN DAHLANDER CONNECTION**

**EINE WICKLUNG IN DAHLANDER-SCHALTUNG**

Tablica 1.11. / Table 1.11. / Tabelle 1.11.

2p=4/2		Motor type	D/YY		50 Hz				1500/3000 min <sup>-1</sup>		m (kg)
P (kW)			n (min <sup>-1</sup> )		I <sub>n</sub> (A)		I <sub>k</sub> /I <sub>n</sub>		M <sub>k</sub> /M <sub>n</sub>		
2p=4	2p=2		2p=4	2p=2	2p=4	2p=2	2p=4	2p=2	2p=4	2p=2	
0.15	0.2	5AZP 63B-4/2	1350	2770	0.55	0.52	3.3	4.1	2.4	2.7	4.3
0.22	0.35	5AZP 71A-4/2	1430	2820	1.1	1.4	3.0	3.2	1.8	1.7	5.4
0.3	0.5	5AZP 71B-4/2	1390	2720	1.5	1.5	3.5	3.7	2.0	2.0	5.8
0.45	0.7	5AZP 80A-4/2	1390	2730	1.3	1.8	4.5	4.4	2.0	2.0	9
0.65	1	5AZP 80B-4/2	1420	2800	1.9	2.5	4.0	5.0	2.0	2.0	10
1	1.2	5AZP 90S-4/2	1370	2740	2.5	3.5	3.8	3.8	2.1	2.2	12.7
1.4	1.8	5AZP 90L-4/2	1380	2780	3.4	4.5	4.2	4.0	1.8	2.0	15.7
1.8	2.2	5AZP 100LA-4/2	1420	2880	4.3	5.6	4.6	4.4	2.0	2.2	22
2.5	3	5AZP 100LB-4/2	1400	2860	5.8	7.9	6.0	6.0	2.7	3.0	25
3.2	4	5AZP 112M-4/2	1430	2900	7.2	10.2	5.5	5.5	2.1	2.2	33
4.5	5.5	5AZP 132S-4/2	1430	2890	9.2	12	5.6	6.0	2.1	2.2	40
6.5	8	5AZP 132M-4/2	1440	2900	13	17	6.1	5.8	2.6	2.4	50
9.5	11.5	5AZP 160M-4/2	1460	2940	19	25.5	6.0	7.3	2.2	1.8	83
13	15	5AZP 160L-4/2	1460	2930	25.5	30	6.3	8.0	2.3	2.8	98
15	18.5	7AZP 180M-4/2	1470	2950	29	38.5	7.6	8.0	2.4	2.5	183
18.5	20	7AZP 180L-4/2	1460	2950	35.5	41	7.8	8.0	2.0	2.0	199
22	25	7AZP 180LA-4/2	1470	2950	41.5	50	7.8	8.0	2.0	2.0	225
26	32	7AZP 200L-4/2	1470	2955	48.5	56	7.5	8.0	2.5	2.5	250
32	38	7AZP 225S-4/2	1475	2960	58	67	5.4	7.4	1.8	2.2	322
38	45	7AZP 225M-4/2	1475	2960	69	78	5.4	7.5	1.8	2.3	354
45	55	7AZP 250M-4/2	1480	2970	82	93.5	6.3	7.4	1.9	2.2	440
55	70	7AZP 280S-4/2	1480	2965	100	120	6.4	6.6	1.8	1.8	550
70	85	7AZP 280M-4/2	1480	2970	125	145	6.5	7.2	1.9	2.0	610

Tablica 1.12. / Table 1.12. / Tabelle 1.12.

2p=8/4		Motor type	D/YY		50 Hz				750/1500 min <sup>-1</sup>		m (kg)
P (kW)			n (min <sup>-1</sup> )		I <sub>n</sub> (A)		I <sub>k</sub> /I <sub>n</sub>		M <sub>k</sub> /M <sub>n</sub>		
2p=8	2p=4		2p=8	2p=4	2p=8	2p=4	2p=8	2p=4	2p=8	2p=4	
0.04	0.09	5AZP 63B-8/4	660	1390	0.5	0.4	2.0	3.0	3.0	2.9	4.3
0.07	0.15	5AZP 71A-8/4	660	1370	0.6	0.5	2.5	3.0	1.8	1.8	5.4
0.1	0.2	5AZP 71B-8/4	660	1370	0.7	0.6	2.5	3.0	1.8	1.8	6.3
0.22	0.37	5AZP 80A-8/4	680	1350	1.1	1.0	2.5	3.5	1.9	1.8	8.5
0.3	0.55	5AZP 80B-8/4	680	1370	1.5	1.4	3.0	3.5	1.8	1.8	8.8
0.4	0.7	5AZP 90S-8/4	680	1350	2.0	1.8	3.0	3.5	1.8	1.8	12.8
0.5	1	5AZP 90L-8/4	660	1350	2.8	2.6	3.0	3.8	1.9	1.8	15.8
0.65	1.3	5AZP 100LA-8/4	700	1420	2.8	3.0	3.0	4.0	1.5	1.5	22
0.8	1.6	5AZP 100LB-8/4	700	1420	3.8	3.8	3.0	4.5	1.8	1.8	25
1.4	2.4	5AZP 112M-8/4	680	1370	4.8	5.5	3.5	4.5	1.8	1.8	29
2.2	3.3	5AZP 132S-8/4	700	1400	5.8	8.2	4.5	4.3	2.2	2.1	35
3	4.4	5AZP 132M-8/4	710	1430	9.5	9.8	3.8	5.3	1.8	2.0	43
4.5	6	5AZP 160MA-8/4	720	1450	11	15.3	5.0	6.0	1.8	1.8	65
6	8.5	5AZP 160MB-8/4	720	1450	14	20.5	5.0	6.0	1.8	1.8	75
7.5	10	5AZP 160L-8/4	720	1450	17	20	5.5	7.0	2.0	2.0	95
10	15	7AZP 180L-8/4	730	1460	22	28.5	6.0	7.5	2.1	2.0	195
12.5	18.5	7AZP 180LA-8/4	720	1450	27.5	35	6.0	7.5	2.1	2.0	225
16	26	7AZP 200L-8/4	710	1440	41.5	50	6.0	7.3	1.9	1.9	245
22	34	7AZP 225S-8/4	720	1470	62	62.5	5.6	7.5	1.8	1.8	310
25	38	7AZP 225M-8/4	735	1480	56	66	5.6	7.6	1.8	1.8	330
31	46	7AZP 250M-8/4	730	1480	64	86.5	5.4	7.6	1.6	1.8	410
37	55	7AZP 280S-8/4	740	1485	81	95	5.6	8.0	1.5	1.8	545
45	67	7AZP 280M-8/4	740	1485	99	115	6.0	8.8	1.8	2.0	595

DVOBRZINSKI MOTORI ZA POGON VENTILATORA.

TWO-SPEED FAN RATED MOTORS

ZWEITOURIGE MOTOREN FÜR LÜFTERANTRIEB

IZVEDBA MOTORA S JEDNIM NAMOTOM U DAHLANDER SPOJU

ONE WINDING IN DAHLANDER CONNECTION

MOTORAUSFÜHRUNG MIT EINER WICKLUNG IN DAHLANDER-SCHALTUNG

Tablica 1.13. / Table 1.13. / Tabelle 1.13.

2p=4/2		Motor type	Y/YY		50 Hz				1500/3000 min <sup>-1</sup>		m (kg)
P (kW)			n (min <sup>-1</sup> )		I <sub>n</sub> (A)		I <sub>k</sub> /I <sub>n</sub>		M <sub>k</sub> /M <sub>n</sub>		
2p=4	2p=2		2p=4	2p=2	2p=4	2p=2	2p=4	2p=2	2p=4	2p=2	
0.09	0.35	5AZPV 71A-4/2	1390	2750	0.3	1.3	3.0	3.5	1.8	2.0	5.4
0.1	0.5	5AZPV 71B-4/2	1390	2720	0.4	1.6	3.5	4.0	2.0	2.5	6.3
0.15	0.7	5AZPV 80A-4/2	1420	2790	0.4	1.7	4.6	4.2	1.9	1.9	9
0.25	1	5AZPV 80B-4/2	1410	2830	0.6	2.6	3.5	4.5	2.0	1.9	10
0.35	1.2	5AZPV 90S-4/2	1400	2740	0.8	3.5	4.0	4.5	1.9	2.0	12.7
0.5	1.8	5AZPV 90L-4/2	1400	2800	1.1	4.9	4.0	4.5	1.9	2.0	15.7
0.7	2.2	5AZPV 100LA-4/2	1430	2900	1.5	6.0	4.5	4.9	2.0	2.5	22
0.8	3	5AZPV 100LB-4/2	1420	2860	1.8	7.0	5.0	5.5	1.9	2.5	25
1.1	4	5AZPV 112M-4/2	1430	2890	2.4	8.3	5.0	5.6	1.9	2.2	33
1.5	5.5	5AZPV 132S-4/2	1440	2900	3.3	12.5	5.2	6.6	2.1	2.3	40
2	8	5AZPV 132M-4/2	1450	2900	4.0	17	5.8	6.6	2.1	2.3	49
2.9	11.5	5AZPV 160M-4/2	1470	2930	5.7	23.5	5.8	7.2	2.0	2.4	80
3.8	15	5AZPV 160L-4/2	1470	2930	7.7	32	6.5	8.0	2.3	2.9	95
4.6	18.5	7AZPV 180M-4/2	1490	2940	9.5	39	7.5	8.0	2.4	2.5	185
5.5	20	7AZPV 180L-4/2	1480	2960	10	43.5	7.5	8.0	2.5	2.9	199
7.5	25	7AZPV 180LA-4/2	1460	2940	14	50	7.5	8.0	2.5	2.9	225
8	32	7AZPV 200L-4/2	1470	2955	15	56	6.0	7.9	1.6	2.5	250
9	38	7AZPV 225S-4/2	1475	2960	17	67	5.7	7.4	1.4	2.2	322
11	45	7AZPV 225M-4/2	1475	2960	20	78	5.8	7.5	1.5	2.3	354
13.5	55	7AZPV 250M-4/2	1480	2965	25	94	7.0	7.8	1.6	2.2	440
16	70	7AZPV 280S-4/2	1480	2965	29	121	6.9	6.6	1.6	1.8	550
20	85	7AZPV 280M-4/2	1485	2970	35	146	7.2	7.2	1.7	2.0	610

Tablica 1.14. / Table 1.14. / Tabelle 1.14.

2p=8/4		Motor type	Y/YY		50 Hz				750/1500 min <sup>-1</sup>		m (kg)
P (kW)			n (min <sup>-1</sup> )		I <sub>n</sub> (A)		I <sub>k</sub> /I <sub>n</sub>		M <sub>k</sub> /M <sub>n</sub>		
2p=8	2p=4		2p=8	2p=4	2p=8	2p=4	2p=8	2p=4	2p=8	2p=4	
0.05	0.22	5AZPV 71A-8/4	675	1400	0.3	0.85	2.0	3.0	1.3	1.7	5.4
0.07	0.3	5AZPV 71B-8/4	650	1380	0.4	1.1	2.0	3.0	1.4	1.8	6.3
0.12	0.5	5AZPV 80A-8/4	685	1380	0.6	1.3	2.2	3.6	1.5	1.8	9
0.18	0.7	5AZPV 80B-8/4	660	1390	0.75	2.2	2.5	4.0	1.6	1.8	10
0.25	1.1	5AZPV 90S-8/4	690	1400	1.25	3.1	2.5	4.0	1.6	1.8	12.7
0.35	1.4	5AZPV 90L-8/4	680	1400	1.4	3.5	2.5	4.1	1.7	2.1	15.7
0.5	2	5AZPV 100LA-8/4	700	1420	2.0	4.8	3.0	4.5	1.7	2.2	22
0.6	2.5	5AZPV 100LB-8/4	710	1430	2.4	5.9	3.1	5.2	1.9	2.2	25
0.9	3.6	5AZPV 112M-8/4	710	1440	3.2	8.0	3.1	5.5	1.7	2.0	33
1.1	4.6	5AZPV 132S-8/4	720	1450	3.5	9.5	3.5	6.0	1.7	2.0	40
1.5	6	5AZPV 132M-8/4	725	1450	4.7	12.5	4.0	6.0	1.9	2.3	49
1.7	7	5AZPV 160MA-8/4	730	1460	5.0	13.8	4.0	6.0	1.6	2.1	65
2.2	8.5	5AZPV 160MB-8/4	720	1430	5.3	17.5	4.0	6.0	1.5	1.8	75
3	12	5AZPV 160L-8/4	730	1470	9.0	24	4.0	6.6	1.8	2.2	95
3.7	16.2	7AZPV 180M-8/4	735	1470	13	36	5.0	7.5	2.0	2.2	185
4.5	18.5	7AZPV 180L-8/4	735	1470	15	40	5.0	7.5	2.7	3.0	199
5.5	22	7AZPV 180LA-8/4	735	1470	17	45	5.0	7.5	2.7	3.0	225
7	28	7AZPV 200L-8/4	730	1470	20	51	4.1	7.1	2.3	2.6	250
8.5	37	7AZPV 225S-8/4	740	1480	25.5	71	4.5	7.7	1.3	2.6	322
10	42	7AZPV 225M-8/4	735	1470	28	76	4.1	6.0	1.3	2.7	354
12	48	7AZPV 250M-8/4	735	1480	30	86	4.5	8.2	1.4	2.8	440
15	63	7AZPV 280S-8/4	740	1485	36	114	4.8	8.6	1.5	2.8	550
18	75	7AZPV 280M-8/4	740	1485	42	134	4.7	8.5	1.4	2.8	610

## Trofazni kavezni asinkroni motorji

Three-phase squirrel cage induction motors / Dreiphasige Asynchronmotoren mit Käfigläufer

DVOBRZINSKI MOTORJI ZA  
POGON VENTILATORA.

IZVEDBA MOTORA S DVA  
ODVOJENA NAMOTA.

TWO-SPEED FAN RATED MOTORS

DESIGN WITH TWO SEPARATE  
WINDINGS

ZWEITOURIGE MOTOREN FÜR  
LÜFTERANTRIEBE

MOTORAUSFÜHRUNG MIT ZWEI  
GETRENNTEN WICKLUNGEN

Tablica 1.15. / Table 1.15. / Tabelle 1.15.

2p=4/2		Motor type	Y/Y		50 Hz				1500/3000 min <sup>-1</sup>		m (kg)
P (kW)			n (min <sup>-1</sup> )		I <sub>n</sub> (A)		$\frac{I_k}{I_n}$		$\frac{M_k}{M_n}$		
2p=4	2p=2		2p=4	2p=2	2p=4	2p=2	2p=4	2p=2	2p=4	2p=2	
0.037	0.18	5AZPVE 71A-4/2	1430	2890	0.35	1.1	3.2	3.2	2	1.8	5.5
0.055	0.25	5AZPVE 71B-4/2	1430	2890	0.4	1.2	3.2	3.2	2	1.8	6.3
0.075	0.37	5AZPVE 80A-4/2	1430	2900	0.4	1.3	4.0	4.8	2	1.8	9
0.12	0.55	5AZPVE 80B-4/2	1470	2890	0.6	1.5	4.5	4.8	2	1.7	10
0.15	0.75	5AZPVE 90S-4/2	1440	2850	0.5	2.1	4.7	4.9	2.1	2	12.7
0.22	1.2	5AZPVE 90L-4/2	1440	2820	0.7	2.8	4.5	4.8	1.9	1.9	15.7
0.3	1.5	5AZPVE 100LA-4/2	1450	2930	0.75	3.5	4.6	4.9	1.7	1.6	22
0.4	2.2	5AZPVE 100LB-4/2	1450	2900	0.9	4.9	4.9	5	1.6	1.8	25
0.55	3	5AZPVE 112M-4/2	1440	2920	1.1	6.5	5.4	6	1.9	2	33
0.75	4	5AZPVE 132S-4/2	1460	2880	2	8.5	5.3	5.3	1.8	1.7	40
1.1	5.5	5AZPVE 132M-4/2	1470	2900	2.4	10.5	5.2	6.8	1.6	2.2	49
1.5	7.5	5AZPVE 160M-4/2	1475	2940	3.5	15.5	7.0	8.8	2.1	2.6	80
2.2	11	5AZPVE 160L-4/2	1470	2950	4.4	20.5	6.9	8.8	2.1	2.6	95
3	15	7AZPVE 180M-4/2	1460	2920	6.2	28.5	4.6	6.9	1.6	2.3	185
4	18.5	7AZPVE 180L-4/2	1460	2930	8.0	35	4.6	5.9	1.6	2.6	199
4.5	22	7AZPVE 180LA-4/2	1460	2920	8.7	40	4.6	7.8	1.6	2.6	225
5	25	7AZPVE 200L-4/2	1465	2930	9.5	48	4.6	7.5	1.6	2.6	250
6	30	7AZPVE 225S-4/2	1465	2930	11.5	55	4.6	7.5	1.6	2.6	322
7.5	35	7AZPVE 225M-4/2	1470	2935	14.5	65	4.6	7.5	1.6	2.6	354
9.5	45	7AZPVE 250M-4/2	1470	2935	18	85	4.6	7.5	1.6	2.6	440
12.5	55	7AZPVE 280S-4/2	1475	2940	24	105	4.6	7.5	1.6	2.6	550
15	70	7AZPVE 280M-4/2	1475	2940	28.5	135	4.6	7.5	1.6	2.6	610

Tablica 1.16. / Table 1.16. / Tabelle 1.16.

2p=8/4		Motor type	Y/Y		50 Hz				750/1500 min <sup>-1</sup>		m (kg)
P (kW)			n (min <sup>-1</sup> )		I <sub>n</sub> (A)		$\frac{I_k}{I_n}$		$\frac{M_k}{M_n}$		
2p=8	2p=4		2p=8	2p=4	2p=8	2p=4	2p=8	2p=4	2p=8	2p=4	
0.025	0.12	5AZPVE 71A-8/4	700	1410	0.3	0.7	2.0	2.9	1.6	1.6	5.5
0.037	0.18	5AZPVE 71B-8/4	700	1410	0.35	0.8	2.0	2.9	1.6	1.6	6.3
0.055	0.25	5AZPVE 80A-8/4	720	1430	0.4	1.0	3.0	3.7	1.8	1.8	9
0.075	0.37	5AZPVE 80B-8/4	710	1440	0.6	1.3	3.0	4.2	1.8	1.8	10
0.11	0.55	5AZPVE 90S-8/4	720	1440	0.8	1.7	2.8	4.5	1.7	1.8	12.7
0.15	0.75	5AZPVE 90L-8/4	720	1450	0.85	2.2	2.8	4.5	1.8	1.9	15.7
0.22	1.1	5AZPVE 100LA-8/4	730	1460	1.35	3.0	2.9	4.5	1.9	1.9	22
0.30	1.5	5AZPVE 100LB-8/4	730	1450	1.75	4.2	2.8	4.7	1.9	1.9	25
0.40	2.2	5AZPVE 112M-8/4	710	1440	1.8	5.2	3.2	5.2	1.8	1.9	33
0.55	3	5AZPVE 132S-8/4	730	1460	2.0	6.4	3.2	6.2	1.3	1.9	40
0.75	4	5AZPVE 132M-8/4	730	1460	2.4	8.7	3.3	6.3	1.4	1.9	49
1.1	5.5	5AZPVE 160M-8/4	740	1460	4.8	11	4.4	6.4	2.4	2.1	80
1.5	7.5	5AZPVE 160L-8/4	730	1470	6.0	14.5	5.2	6.4	3.0	2.0	95
2.2	11	7AZPVE 180M-8/4	730	1470	6.5	22	3.6	5.2	1.6	2.3	185
3	15	7AZPVE 180L-8/4	730	1470	9.5	30	4.2	7.2	2.0	2.6	199
4	18.5	7AZPVE 180LA-8/4	720	1450	12	35.5	5.1	7.0	2.6	2.2	225
4.25	20	7AZPVE 200L-8/4	740	1460	13.5	40	5.1	7.0	2.5	2.3	250
5	25	7AZPVE 225S-8/4	740	1460	15	50	5.1	7.0	2.5	2.3	320
6	30	7AZPVE 225M-8/4	740	1465	18	60	5.0	7.0	2.5	2.3	355
7.5	35	7AZPVE 250M-8/4	740	1470	23	70	5.0	7.0	2.5	2.3	440
9.5	45	7AZPVE 280S-8/4	740	1470	30	90	5.0	7.0	2.5	2.3	550
11	55	7AZPVE 280M-8/4	740	1470	35	110	5.0	7.0	2.5	2.3	610

DVOBRZINSKI MOTORI S KONSTANTNIM MOMENTOM NA OBJE BRZINE.

TWO-SPEED MOTORS WITH CONSTANT TORQUE AT BOTH SPEEDS

ZWEITOURIGE MOTOREN MIT KONSTANTEM MOMENT AUF BEIDEN DREHZAHLEN

IZVEDBA MOTORA S DVA ODVOJENA NAMOTA.

DESIGN WITH TWO SEPARATE WINDINGS

MOTORAUSFÜHRUNG MIT ZWEI GETRENNTEN WICKLUNGEN

Tablica 1.17. / Table 1.17. / Tabelle 1.17.

2p=6/4		Motor type	Y/Y		50 Hz				1000/1500 min <sup>-1</sup>		m (kg)
P (kW)			n (min <sup>-1</sup> )		I <sub>n</sub> (A)		I <sub>k</sub> /I <sub>n</sub>		M <sub>k</sub> /M <sub>n</sub>		
2p=6	2p=4		2p=6	2p=4	2p=6	2p=4	2p=6	2p=4	2p=6	2p=4	
0.15	0.3	5AZP 71B-6/4	890	1400	0.85	1.2	3.5	3.3	1.5	1.7	6.3
0.25	0.35	5AZP 80A-6/4	950	1440	1.1	1.4	2.7	3.6	1.6	2.0	9
0.37	0.55	5AZP 80B-6/4	930	1420	1.35	1.7	3.2	3.8	1.6	1.8	10
0.45	0.75	5AZP 90S-6/4	930	1430	1.7	2.3	3.2	3.9	1.5	1.8	12.7
0.6	1	5AZP 90L-6/4	950	1430	2.35	2.9	3.0	3.7	1.8	1.8	15.7
0.9	1.3	5AZP 100LA-6/4	955	1460	3.0	3.8	3.6	4.8	1.7	2.0	22
1.2	1.7	5AZP 100LB-6/4	950	1455	3.7	4.6	3.6	5.2	1.7	2.2	25
1.6	2.3	5AZP 112M-6/4	965	1470	4.5	6.1	4.0	5.2	1.7	1.7	33
2.3	3.1	5AZP 132S-6/4	970	1470	6.2	7.0	4.1	5.5	1.7	1.9	40
2.9	4.3	5AZP 132M-6/4	960	1460	7.0	9.0	4.4	5.5	1.9	1.9	49
4.4	6.5	5AZP 160M-6/4	975	1475	11	14	5.0	6.2	1.9	2.0	80
6	8.5	5AZP 160L-6/4	970	1470	15.2	18	5.2	6.4	2.2	2.5	95
8.6	13	7AZP 180M-6/4	980	1470	21	27	5.6	6.8	2.3	2.3	185
10	16	7AZP 180L-6/4	975	1470	22	32	5.6	7.0	2.5	2.5	199
12.5	20	7AZP 180LA-6/4	980	1480	31	40	5.6	7.0	2.7	2.7	225
14	21	7AZP 200L-6/4	980	1475	28	39	7.0	7.0	2.2	1.9	250
19	29	7AZP 225S-6/4	980	1480	37	53	6.8	7.5	2.0	2.2	322
22	33	7AZP 225M-6/4	975	1475	50	61	6.8	7.2	2.0	2.1	354
27	40	7AZP 250M-6/4	985	1480	49	69	7.3	7.9	2.0	2.0	440
33	50	7AZP 280S-6/4	985	1485	60	86	7.5	8.0	1.8	2.0	555
38	57	7AZP 280M-6/4	985	1485	68	97	7.6	7.8	2.0	2.1	600

Tablica 1.18. / Table 1.18. / Tabelle 1.18.

2p=8/6		Motor type	Y/Y		50 Hz				750/1000 min <sup>-1</sup>		m (kg)
P (kW)			n (min <sup>-1</sup> )		I <sub>n</sub> (A)		I <sub>k</sub> /I <sub>n</sub>		M <sub>k</sub> /M <sub>n</sub>		
2p=8	2p=6		2p=8	2p=6	2p=8	2p=6	2p=8	2p=6	2p=8	2p=6	
0.18	0.3	5AZP 80B-8/6	710	950	0.85	1.2	2.2	2.7	1.5	1.7	10
0.3	0.45	5AZP 90S-8/6	690	950	1.5	2.0	2.5	3.0	1.8	1.8	12.7
0.4	0.55	5AZP 90L-8/6	700	940	1.75	2.0	2.5	3.0	1.8	1.8	15.7
0.65	1	5AZP 100L-8/6	700	940	2.5	3.1	3.3	3.8	1.8	1.5	22
1	1.4	5AZP 112M-8/6	710	970	3.7	4.6	4.0	4.5	1.8	1.5	29
1.4	1.7	5AZP 132S-8/6	710	970	4.4	4.7	4.5	5.0	1.7	1.8	39
1.8	2.8	5AZP 132MA-8/6	710	970	5.8	7.5	4.5	5.5	1.7	1.9	45
2.5	3.4	5AZP 132MB-8/6	720	970	7.6	8.6	5.0	5.5	1.8	1.9	49
3.4	5	5AZP 160M-8/6	730	980	9.0	12	5.1	6.5	1.9	1.8	78
5	7	5AZP 160L-8/6	730	980	13	16	5.1	6.8	1.8	1.8	98
7	9	7AZP 180L-8/6	720	950	17	19	5.5	6.8	1.8	1.7	165
9	11.5	7AZP 180LA-8/6	730	980	21	24	5.5	6.8	1.8	1.7	220
9.5	13	7AZP 200LA-8/6	730	980	23	27	5.9	6.7	1.7	1.7	230
11	15	7AZP 200LB-8/6	735	985	27	31	6.1	6.6	1.8	1.7	261
15	20	7AZP 225M-8/6	735	985	35	40	6.2	6.7	1.8	1.6	305
19	26	7AZP 250M-8/6	735	985	40	50	7.4	8.0	1.8	1.8	395
24	32	7AZP 280S-8/6	740	990	51	61	7.5	8.2	2.0	1.9	510
29	38	7AZP 280M-8/6	740	990	59	71	7.2	8.2	1.9	1.9	550

## Trofazni kavezni asinkroni motorji

Three-phase squirrel cage induction motors / Dreiphasige Asynchronmotoren mit Käfigläufer

DVOBRZINSKI MOTORJI ZA VENTILATORSKE POGONE.

IZVEDBA MOTORA S DVA ODVOJENA NAMOTA.

TWO-SPEED FAN RATED MOTORS

DESIGN WITH TWO SEPARATE WINDINGS

ZWEITOURIGE LÜFTERANTRIEBSMOTOREN

MOTORAUSFÜHRUNG MIT ZWEI GETRENNTEN WICKLUNGEN

Tablica 1.19. / Table 1.19. / Tabelle 1.19.

2p=6/4		Motor type	Y/Y		50 Hz				1000/1500 min <sup>-1</sup>		m (kg)
P (kW)			n (min <sup>-1</sup> )		I <sub>n</sub> (A)		I <sub>k</sub> /I <sub>n</sub>		M <sub>k</sub> /M <sub>n</sub>		
2p=6	2p=4		2p=6	2p=4	2p=6	2p=4	2p=6	2p=4	2p=6	2p=4	
0.06	0.18	5AZPV 71A-6/4	930	1400	0.4	0.7	2.2	3.5	1.4	1.5	5.4
0.09	0.25	5AZPV 71B-6/4	930	1410	0.45	0.9	2.2	2.9	1.4	1.5	6.3
0.12	0.37	5AZPV 80A-6/4	950	1420	0.55	1.15	2.5	3.8	1.4	1.9	9
0.18	0.55	5AZPV 80B-6/4	940	1420	0.8	1.7	3.0	4.0	1.5	1.9	10
0.25	0.75	5AZPV 90S-6/4	950	1420	1.0	2.4	2.8	3.8	1.5	1.8	12.7
0.37	1.1	5AZPV 90L-6/4	950	1420	1.4	3.0	2.9	3.6	1.6	1.7	15.7
0.55	1.5	5AZPV 100LA-6/4	960	1440	1.9	4.3	3.3	4.7	1.6	1.9	22
0.75	2.2	5AZPV 100LB-6/4	950	1430	2.5	5.3	3.0	4.8	1.5	2.2	25
0.9	3	5AZPV 112M-6/4	975	1450	3.3	6.9	4.0	5.5	1.5	2.0	33
1.2	4	5AZPV 132S-6/4	960	1440	3.5	9.0	4.1	5.7	1.5	2.2	40
1.7	5.5	5AZPV 132M-6/4	970	1460	4.5	12	4.5	6.0	2.0	2.1	49
2.5	7.5	5AZPV 160M-6/4	980	1465	6.0	15	5.0	6.0	1.6	2.0	80
3.3	11	5AZPV 160L-6/4	975	1470	8.0	22.5	5.5	6.5	1.9	2.2	95
5	14	7AZPV 180M-6/4	985	1475	13	30	5.8	6.6	2.2	2.4	183
7	18.5	7AZPV 180L-6/4	985	1460	19	36	5.8	6.8	2.2	2.4	199
9	22	7AZPV 180LA-6/4	980	1480	23	49	5.8	6.8	2.2	2.4	225
8	24	7AZPV 200L-6/4	980	1475	16.5	44	6.9	6.7	1.9	1.9	250
11	33	7AZPV 225S-6/4	985	1475	26.5	60	7.3	7.1	1.9	2.0	322
14	37	7AZPV 225M-6/4	985	1475	31	68	7.3	6.8	2.0	2.0	354
17	45	7AZPV 250M-6/4	985	1480	35	80	7.8	7.2	2.0	2.0	440
21	56	7AZPV 280S-6/4	985	1480	38	95	7.8	7.6	1.8	2.0	555
24	62	7AZPV 280M-6/4	985	1480	44	105	7.8	7.5	1.8	2.0	600

Tablica 1.20. / Table 1.20. / Tabelle 1.20.

2p=8/6		Motor type	Y/Y		50 Hz				750/1000 min <sup>-1</sup>		m (kg)
P (kW)			n (min <sup>-1</sup> )		I <sub>n</sub> (A)		I <sub>k</sub> /I <sub>n</sub>		M <sub>k</sub> /M <sub>n</sub>		
2p=8	2p=6		2p=8	2p=6	2p=8	2p=6	2p=8	2p=6	2p=8	2p=6	
0.09	0.25	5AZPV 80A-8/6	720	955	0.6	1.15	3.0	3.5	1.8	1.6	8.5
0.15	0.37	5AZPV 80B-8/6	720	940	0.9	1.4	3.0	3.5	1.8	1.8	9.7
0.2	0.55	5AZPV 90S-8/6	700	930	1.2	2.0	3.0	3.5	1.8	1.8	12.7
0.3	0.75	5AZPV 90L-8/6	710	910	1.7	2.6	3.0	3.5	1.8	1.8	15.7
0.4	1	5AZPV 100L-8/6	710	950	1.35	3.3	3.4	4.3	1.8	1.7	22
0.6	1.4	5AZPV 112M-8/6	710	960	2.2	3.9	3.5	4.9	1.5	2.0	33
0.9	2.2	5AZPV 132S-8/6	730	965	3.3	6.0	3.6	4.7	2.0	2.0	39
1.1	2.8	5AZPV 132MA-8/6	730	970	3.8	7.5	4.1	5.1	2.0	2.0	45
1.5	3.5	5AZPV 132MB-8/6	730	970	4.5	8.5	3.8	6.1	1.6	2.5	49
2.6	5.5	5AZPV 160M-8/6	730	975	7.3	13	4.5	6.0	1.7	2.0	78
3	8	5AZPV 160L-8/6	740	980	9.0	19	5.0	6.5	1.7	2.0	98
5	11	7AZPV 180L-8/6	730	970	15	22	5.5	7.0	1.7	2.0	165
6.3	13.5	7AZPV 180LA-8/6	730	970	18	27	5.5	7.0	1.7	2.0	220
6.5	15	7AZPV 200LA-8/6	735	980	16	31	6.1	6.4	1.7	1.6	230
8	17	7AZPV 200LB-8/6	735	980	19	34	6.1	6.4	1.7	1.6	261
11	23	7AZPV 225M-8/6	735	985	25	45	6.1	6.2	1.7	1.6	305
14	30	7AZPV 250M-8/6	740	985	29	56	7.5	7.6	1.8	1.8	395
17	37	7AZPV 280S-8/6	740	985	36	68	7.7	7.7	2.0	1.8	510
20	44	7AZPV 280M-8/6	740	985	41	80	7.3	7.8	1.8	1.8	550

**DVOBRZINSKI MOTORI S KONSTANTNIM MOMENTOM NA OBJE BRZINE.**

**TWO-SPEED MOTORS WITH CONSTANT TORQUE AT BOTH SPEEDS**

**ZWEITOURIGE MOTOREN MIT KONSTANTEM MOMENT AUF BEIDEN DREHZAHLEN**

**IZVEDBA MOTORA S DVA ODVOJENA NAMOTA.**

**DESIGN WITH TWO SEPARATE WINDINGS**

**MOTORAUSFÜHRUNG MIT ZWEI GETRENNTEN WICKLUNGEN**

Tablica 1.21. / Table 1.21. / Tabelle 1.21.

2p=6/2		Y/Y	1000/3000 min <sup>-1</sup>
P (kW)		Motor type	m (kg)
2p=6	2p=2		
0.12	0.37	5AZP 80A-6/2	8.5
0.18	0.55	5AZP 80B-6/2	9.7
0.25	0.75	5AZP 90S-6/2	12.7
0.37	1.1	5AZP 90L-6/2	15.7
0.55	1.5	5AZP 100LA-6/2	21.8
0.75	2.2	5AZP 100LB-6/2	25
1	3	5AZP 112M-6/2	32.7
1.5	4.5	5AZP 132S-6/2	40
2	5.5	5AZP 132M-6/2	49
2.5	7.5	5AZP 160M-6/2	80
3.5	11	5AZP 160L-6/2	95
4	13.5	7AZP 180M-6/2	183
5	15	7AZP 180L-6/2	199
6	18.5	7AZP 180LA-6/2	225
6.5	20	7AZP 200L-6/2	250
8	25	7AZP 200LA-6/2	320
10	30	7AZP 225M-6/2	355
12	35	7AZP 250M-6/2	440
15	45	7AZP 280S-6/2	550
18.5	55	7AZP 280M-6/2	610

2p=8/2		Y/Y	750/3000 min <sup>-1</sup>
P (kW)		Motor type	m (kg)
2p=8	2p=2		
0.09	0.37	5AZP 80A-8/2	8.5
0.12	0.55	5AZP 80B-8/2	9.7
0.18	0.75	5AZP 90S-8/2	12.7
0.25	1.1	5AZP 90L-8/2	15.7
0.37	1.5	5AZP 100LA-8/2	22
0.55	2.2	5AZP 100LB-8/2	25
0.75	3	5AZP 112M-8/2	33
1.1	4.5	5AZP 132S-8/2	40
1.5	5.5	5AZP 132M-8/2	49
2.2	7.5	5AZP 160M-8/2	80
2.5	11	5AZP 160L-8/2	95
3	13.5	7AZP 180M-8/2	183
3.5	15	7AZP 180L-8/2	199
4	18.5	7AZP 180LA-8/2	225
4.5	20	7AZP 200L-8/2	250
5.5	25	7AZP 200LA-8/2	320
6.5	30	7AZP 225M-8/2	355
8.5	35	7AZP 250M-8/2	440
11	45	7AZP 280S-8/2	550
13	55	7AZP 280M-8/2	610

**IZVEDBA MOTORA S JEDNIM NAMOTOM U DAHLANDER SPOJU**

**ONE WINDING IN DAHLANDER CONNECTION**

**MOTORAUSFÜHRUNG MIT EINER WICKLUNG IN DAHLANDER-SCHALTUNG**

Tablica 1.22. / Table 1.22. / Tabelle 1.22.

2p=12/6		D/YY	500/1000 min <sup>-1</sup>
P (kW)		Motor type	m (kg)
2p=12	2p=6		
0.18	0.37	5AZP 90S-12/6	12.7
0.3	0.55	5AZP 90L-12/6	15.7
0.35	0.75	5AZP 100L-12/6	19.5
0.55	1.1	5AZP 112M-12/6	29
0.9	1.8	5AZP 132S-12/6	39
1.1	2.2	5AZP 132MA-12/6	45
1.5	3	5AZP 132MB-12/6	49
2.5	5	5AZP 160M-12/6	78
3.5	7	5AZP 160L-12/6	98
4.5	9	7AZP 180L-12/6	165
5.5	11	7AZP 180LA-12/6	220
5.5	11	7AZP 200L-12/6	245
6	12	7AZP 200LA-12/6	265
9.5	19.5	7AZP 225M-12/6	350
11.5	22.5	7AZP 250M-12/6	395
13.5	26.5	7AZP 280S-12/6	510
16	32	7AZP 280M-12/6	550

2p=12/6		Y/YY	500/1000 min <sup>-1</sup>
P (kW)		Motor type	m (kg)
2p=12	2p=6		
0.1	0.55	5AZPV 90S-12/6	12.7
0.15	0.75	5AZPV 90L-12/6	15.7
0.22	1.1	5AZPV 100L-12/6	19.5
0.3	1.5	5AZPV 112M-12/6	29
0.5	2.5	5AZPV 132S-12/6	39
0.6	3	5AZPV 132MA-12/6	45
0.8	4	5AZPV 132MB-12/6	49
1	5	5AZPV 160M-12/6	78
1.5	7.5	5AZPV 160L-12/6	98
2.4	12	7AZPV 180L-12/6	165
3	15	7AZPV 180LA-12/6	220
3	15	7AZPV 200LA-12/6	245
3.5	16.5	7AZPV 200LB-12/6	265
5	25.5	7AZPV 225M-12/6	350
6	30	7AZPV 250M-12/6	395
7	35	7AZPV 280S-12/6	510
8.5	42.5	7AZPV 280M-12/6	550

Konstantni moment / Constant torque / Konstanten moment

Ventilatorski pogon / Fan rated / Lufterantriebs Motoren

## Trofazni kavezni asinkroni motorji

Three-phase squirrel cage induction motors / Dreiphasige Asynchronmotoren mit Käfigläufer

**TROBRZINSKI MOTORI S KONSTANTNIM MOMENTOM NA SVIM BRZINAMA.**

**IZVEDBA MOTORA S DVA ODVOJENA NAMOTA OD KOJIH JE JEDAN U DAHLANDER SPOJU.**

**THREE-SPEED MOTORS WITH CONSTANT TORQUE AT ALL SPEEDS**

**TWO SEPARATE WINDINGS, ONE IN DAHLANDER CONNECTION**

**DREITOURIGE MOTOREN MIT KONSTANTEM MOMENT AUF ALLEN DREHZAHLEN**

**MOTORAUSFÜHRUNG MIT ZWEI GETRENNTEN WICKLUNGEN VON DENEN EINE IN DAHLANDER-SCHALTUNG IST**

Tablica 1.23. / Table 1.23. / Tabelle 1.23.

2p=8/4/2			750/1500/3000 min <sup>-1</sup>	
P (kW)			Motor type	m (kg)
2p=8	2p=4	2p=2		
0.18	0.45	0.55	5AZP 90S-8/4/2	12.7
0.25	0.7	1	5AZP 90L-8/4/2	15.7
0.37	1.1	1.3	5AZP 100LA-8/4/2	21.8
0.55	1.5	1.8	5AZP 100LB-8/4/2	25
0.7	2	2.4	5AZP 112M-8/4/2	32.7
1	2.6	3.2	5AZP 132S-8/4/2	40
1.5	3.6	4.5	5AZP 132M-8/4/2	49
2	4.5	6	5AZP 160M-8/4/2	80
2.7	6	8	5AZP 160L-8/4/2	95
3.7	7.5	10	7AZP 180M-8/4/2	183
5.5	9	12	7AZP 180L-8/4/2	199
6.5	11.5	15	7AZP 180LA-8/4/2	225
7	12	15,5	7AZP 200L-8/4/2	250
8,5	14	20	7AZP 200LA-8/4/2	320
10,5	17,5	23	7AZP 225M-8/4/2	355
13	21,5	30	7AZP 250M-8/4/2	440
17	28	37,5	7AZP 280S-8/4/2	550
20	34	45	7AZP 280M-8/4/2	610

Tablica 1.24. / Table 1.24. / Tabelle 1.24.

2p=6/4/2			1000/1500/3000 min <sup>-1</sup>	
P (kW)			Motor type	m (kg)
2p=6	2p=4	2p=2		
0.3	0.45	0.55	5AZP 90S-6/4/2	12.7
0.45	0.7	1	5AZP 90L-6/4/2	15.7
0.7	1.1	1.3	5AZP 100LA-6/4/2	22
1	1.5	1.8	5AZP 100LB-6/4/2	25
1.5	2.2	2.4	5AZP 112M-6/4/2	33
1.8	2.6	3.2	5AZP 132S-6/4/2	40
2.4	3.6	4.3	5AZP 132M-6/4/2	49
3.4	4.5	6	5AZP 160M-6/4/2	80
4.5	6	8	5AZP 160L-6/4/2	95
6	7.5	10	7AZP 180M-6/4/2	183
7.5	9	12	7AZP 180L-6/4/2	199
9.5	11.5	15	7AZP 180LA-6/4/2	225
10	12	15,5	7AZP 200L-6/4/2	250
12	14	20	7AZP 200LA-6/4/2	320
14,5	17,5	23	7AZP 225M-6/4/2	355
18	21,5	30	7AZP 250M-6/4/2	440
23	28	37,5	7AZP 280S-6/4/2	550
28	34	45	7AZP 280M-6/4/2	610

Tablica 1.25. / Table 1.25. / Tabelle 1.25.

2p=8/6/4			750/1000/1500 min <sup>-1</sup>	
P (kW)			Motor type	m (kg)
2p=8	2p=6	2p=4		
0.2	0.3	0.37	5AZP 90S-8/6/4	12.7
0.25	0.37	0.55	5AZP 90L-8/6/4	15.7
0.32	0.45	0.6	5AZP 100LA-8/6/4	21.8
0.45	0.6	0.8	5AZP 100LB-8/6/4	25
0.8	1.1	1.5	5AZP 112M-8/6/4	32.7
1.1	1.5	2.2	5AZP 132S-8/6/4	40
1.9	2.5	3.8	5AZP 132M-8/6/4	49
2.5	3.3	4.5	5AZP 160M-8/6/4	80
4	5	6	5AZP 160L-8/6/4	95
5.5	7	9	7AZP 180M-8/6/4	183
7	9	11	7AZP 180L-8/6/4	199
8.5	11.5	13.5	7AZP 180LA-8/6/4	225
9	12	14,5	7AZP 200L-8/6/4	250
11	14	17,5	7AZP 200LA-8/6/4	320
13,5	17	21	7AZP 225M-8/6/4	355
16,5	21,5	26,5	7AZP 250M-8/6/4	440
22	28,5	35	7AZP 280S-8/6/4	550
26,5	34	41,5	7AZP 280M-8/6/4	610

TROBRZINSKI MOTORI ZA POGON VENTILATORA.

THREE-SPEED FAN RATED MOTORS

DREITOURIGE LÜFTERANTRIEBSMOTOREN

IZVEDBA MOTORA S DVA ODVOJENA NAMOTA OD KOJIH JE JEDAN U DAHLANDER SPOJU.

TWO SEPARATE WINDINGS, WITH ONE IN DAHLANDER CONNECTION

MOTORAUSFÜHRUNG MIT ZWEI GETRENNTEN WICKLUNGEN VON DENEN EINE IN DAHLANDER-SCHALTUNG IST

Tablica 1.26. / Table 1.26. / Tabelle 1.26.

2p=8/4/2			750/1500/3000 min <sup>-1</sup>	
P (kW)			Motor type	m (kg)
2p=8	2p=4	2p=2		
0,06	0.15	0.75	5AZPV 90S-8/4/2	12.7
0.08	0.25	1	5AZPV 90L-8/4/2	15.7
0.15	0.4	1.5	5AZPV 100LA-8/4/2	22
0.2	0.5	2	5AZPV 100LB-8/4/2	25
0.25	0.65	2.7	5AZPV 112M-8/4/2	33
0.3	0.85	3.4	5AZPV 132S-8/4/2	40
0.4	1.2	4.8	5AZPV 132M-8/4/2	49
0.55	1.75	7	5AZPV 160M-8/4/2	80
0.8	2.25	9	5AZPV 160L-8/4/2	95
1.2	3	12	7AZPV 180M-8/4/2	183
1.5	3.75	15	7AZPV 180L-8/4/2	199
1.85	4.5	18.5	7AZPV 180LA-8/4/2	225
2	5	20	7AZPV 200L-8/4/2	250
2,5	6	24	7AZPV 200LA-8/4/2	320
3	7,5	29	7AZPV 225M-8/4/2	355
3,5	9	36	7AZPV 250M-8/4/2	440
4,5	12	47,5	7AZPV 280S-8/4/2	550
6	14	55	7AZPV 280M-8/4/2	610

Tablica 1.27. / Table 1.27. / Tabelle 1.27.

2p=6/4/2			1000/1500/3000 min <sup>-1</sup>	
P (kW)			Motor type	m (kg)
2p=6	2p=4	2p=2		
0.08	0.15	0.75	5AZPV 90S-6/4/2	12.7
0.1	0.25	1	5AZPV 90L-6/4/2	15.7
0.2	0.4	1.5	5AZPV 100LA-6/4/2	22
0.3	0.5	2	5AZPV 100LB-6/4/2	25
0.35	0.65	2.7	5AZPV 112M-6/4/2	33
0.4	0.85	3.4	5AZPV 132S-6/4/2	40
0.55	1.2	4.8	5AZPV 132M-6/4/2	49
0.9	1.9	7.5	5AZPV 160M-6/4/2	80
1.2	2.25	9	5AZPV 160L-6/4/2	95
1.5	3	12	7AZPV 180M-6/4/2	183
2.2	3.75	15	7AZPV 180L-6/4/2	199
3	4.5	18.5	7AZPV 180LA-6/4/2	225
3	5	20	7AZPV 200L-6/4/2	250
3,5	6	24	7AZPV 200LA-6/4/2	320
4,5	7,5	29	7AZPV 225M-6/4/2	355
5,5	9	36	7AZPV 250M-6/4/2	440
7	12	47,5	7AZPV 280S-6/4/2	550
8,5	14	55	7AZPV 280M-6/4/2	610

Tablica 1.28. / Table 1.28. / Tabelle 1.28.

2p=8/6/4			750/1000/1500 min <sup>-1</sup>	
P (kW)			Motor type	m (kg)
2p=8	2p=6	2p=4		
0.09	0.15	0.37	5AZPV 80A-8/6/4	8.5
0.12	0.22	0.55	5AZPV 80B-8/6/4	9.7
0.18	0.3	0.75	5AZPV 90S-8/6/4	12.7
0.25	0.4	1.1	5AZPV 90L-8/6/4	15.7
0.37	0.55	1.5	5AZPV 100LA-8/6/4	22
0.45	0.7	1.8	5AZPV 100LB-8/6/4	25
0.6	0.85	2.4	5AZPV 112M-8/6/4	33
0.75	1.1	3	5AZPV 132S-8/6/4	40
1.1	1.5	4.4	5AZPV 132M-8/6/4	49
1.5	2.2	6	5AZPV 160M-8/6/4	80
2.2	3.1	8.8	5AZPV 160L-8/6/4	95
2.8	4.5	11.2	7AZPV180M-8/6/4	183
3.5	5.5	14	7AZPV 180L-8/6/4	199
4.5	6.5	17.5	7AZPV 180LA-8/6/4	225
5	7	18,5	7AZPV 200L-8/6/4	250
5,5	9	22	7AZPV 200LA-8/6/4	320
6,5	10,5	27	7AZPV 225M-8/6/4	355
8,5	13	33	7AZPV 250M-8/6/4	440
11	17,5	45	7AZPV 280S-8/6/4	550
13	20,5	52,5	7AZPV 280M-8/6/4	610

**Opaska:** Snage svih višebrzinskih motora priključenih na mrežu 440 V 60 Hz odgovaraju onima odgovarajućih motora datim u prethodnim tabelama

**Remark:** Power ratings of all multi-speed motors connected the power supply 440V 60Hz are equal to ones given in aforementioned Technical data tables.

**Bemerkung:** Die Leistungen mehrtouriger Motoren angeschlossen auf das Netz 440V, 60Hz entsprechen den Leistungen entsprechender Motoren, die in folgenden Tabellen dargestellt sind.