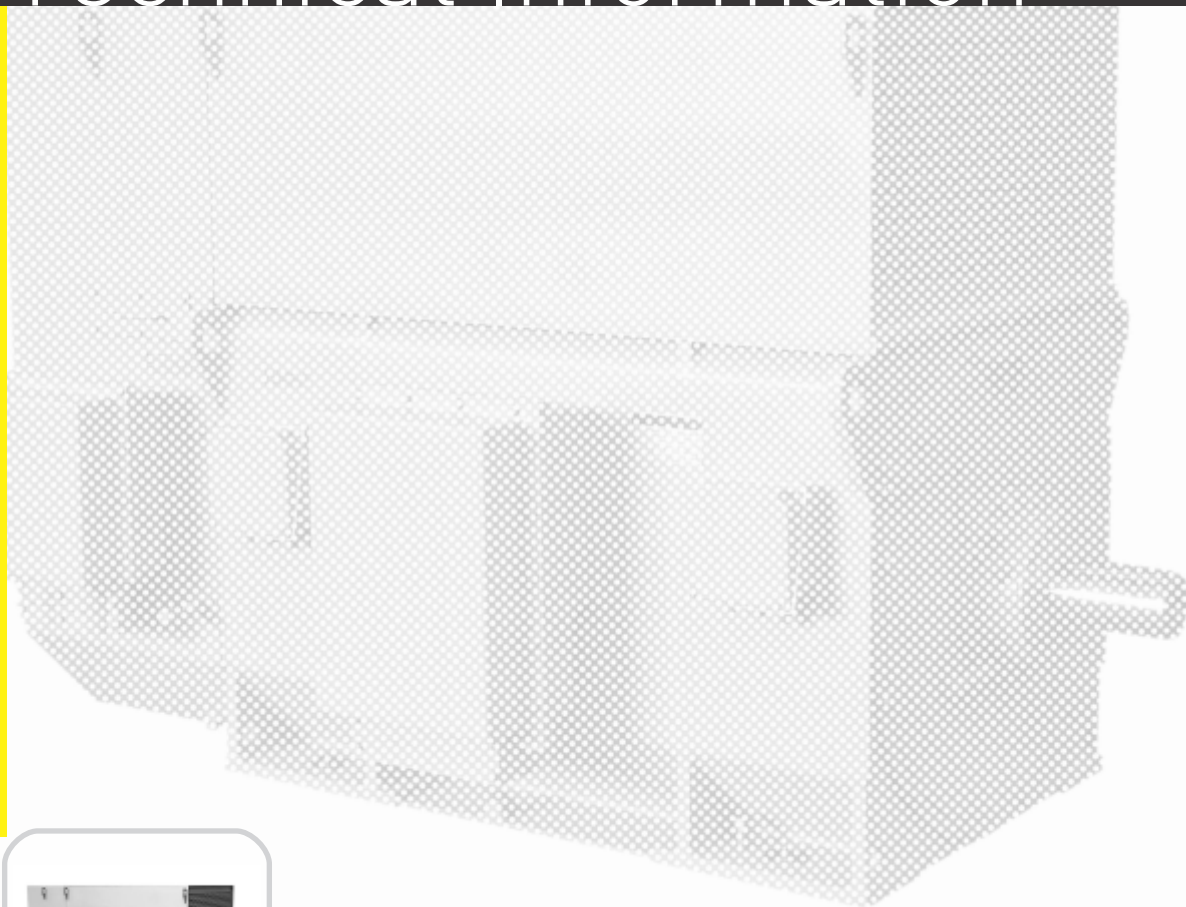


Technical Information



REFERENC LISTA

Trofazni asinhroni motori zavarene konstrukcije
sa namotanim rotorom

REFERENCE LIST

Three phase induction wound-rotor motors
welded construction

Vision



We set your ideas in motion. We do not merely manufacture motors, but instead turn the ambitious concepts of our customers into modern, innovative and reliable products, which are unique and point the way to the future. We bring our customers closer to their goals with reliability, creativity and flexibility.

REFERENC LISTA

Trofazni asinhroni visokonaponski motori

1

TIP TYPE	KOLIČINA PCS	TYPE OF COOLING	SNAGA POWER kW	KUPAC BUYER	POGON DRIVE
ALBANIJA / ALBANIA					
ZP N 1130A/ 4	3	IC511	230	Makinaimport Tirana	
ZP N 6180A/ 8	2	IC511	280	Makinaimport Tirana	
ZP N 6190 / 6	3	IC511	630	Makinaimport Tirana	
ZP N 6170A/ 6	21	IC511	380	Makinaimport Tirana	Mesalica za gumu / Rubber mixer
ZP N 6180 / 8	1	IC511	400	Makinaimport Tirana	
ZP N 6190 /12	1	IC511	315	Makinaimport Tirana	
ZP N 6220 / 8	1	IC511	1000	Makinaimport Tirana	
AUSTRIJA / AUSTRIA					
1.PO 3500 -20	1	IC01	224	ATB WELZHEIM - ZAMBIJA	
1.PZ 5355 Sc-4	1	IC611	200	ATB	
1.PZ 6560-4 B3 L+D	1	IC611	2000	CEMTEC Cement & Mining Technology, Enns	
1.PZ 6450-4S B3 L+D	1	IC611	800	CEMTEC Cement & Mining Technology, Enns	
1.PZ 6450 Sb-4 B3 L+D	1	IC611	800	CEMTEC Cement & Mining Technology G	
1.PZ 6500-4 B3	1	IC611	1250	ATB Spielberg GmbH	
1.PZ 10450-4HV B3	1	IC611	710	ATB Spielberg GmbH	
BAHREIN / BAHRAIN					
1.PZS 3500/630-6S	1	IC611	950	BIZLINE EXIM (BAHRAIN) CO Ltd	
BELGIJA / BELGIUM					
ZP N 3200 / 6	1	IC511	800	DEPAUW	Mesalica / Mixer
1.PZ 6560/840 S-4S	1	IC611	1400	Focquet Ch Cie SA	
ZPN 6160 / 6S B3	1	IC511	300	Focquet	
BIH / BOSNIA AND HERZEGOVINA					
1.PZ 6560 M-6	3	IC611	1600	HIDRO-MONT D.O.O.	
1.PZ 6400-6 B3	3	IC611	315	HIDRO-MONT DOO	Drive of conveyor belt on open coal mine
1.PZ 6400-6 B3	2	IC611	315	HIDRO-MONT DOO	Drive of conveyor belt on open coal mine
1.PZ 6400-6 B3	3	IC611	315	HIDRO-MONT DOO	Drive of conveyor belt on open coal mine
1.PZ 6400-6 B3	3	IC611	315	HIDRO-MONT DOO	Drive of conveyor belt on open coal mine
1.PZ 6400-6 B3	2	IC611	315	HIDRO-MONT DOO	Drive of conveyor belt on open coal mine
1.PZ 6560-10 B3	1	IC611	750	HIDRO-MONT DOO	Drive of conveyor belt on open coal mine
BUGARSKA / BULGARIA					
ZPN 6180/6s B3 L+D	5	IC511	560	ATB SEVER MAK dooel	
ČILE / CHILE					
ZPN 4190/4 B3 L+D	1	IC511	630	CODELCO Chile	Transporta traka / Transporter
ČEŠKA REPUBLIKA / CZECH REPUBLIC					
OPS N 1120 /10	39	IC01	170		

REFERENCE LIST

Three Phase Medium Voltage Induction Motors

2

TIP TYPE	KOLIČINA PCS	TYPE OF COOLING	SNAGA POWER kW	KUPAC BUYER	POGON DRIVE
OPS N 1120 /10	9	IC01	170		
ZP N 6170 / 8	3	IC511	315	Agrovojvodina, CSSR	
DANSKA / DENMARK					
1.PZ 6450 Sb-4 B3 L+D	2	IC611	630	TORPLILLE TRADE K/S	
1.PZ 6450 Sb-4 B3 L+D	1	IC611	630	TORPLILLE TRADE K/S	
EGIPAT / EGYPT					
ZPSFN 6190B/ 4	6	IC511	780	GANZ Egipat	Pumpa / Pump
ZPSFN 6200 / 6	6	IC511	850	GANZ Egipat	Pumpa / Pump
OP FN 6160 / 8	4	IC01	360	GO Greater Cairo/Supply	Pumpa / Pump
1.PZ 6400 Mb-6s	7	IC611	330	Egipat	
1.POSF 3400 Mb-4	6	IC01	555	Extren - Egipat	
1.POS 6400 Sa-4s	6	IC01	400	Extren - Egipat	
1.POS 6450 Sb-6	2	IC01	600	Extren - Egipat	
ZPFN 3130/4	5	IC511	200	Fast Trading & Ind. Co	
1.PZSF 10450 M-6 V1 L+D	1	IC611	315	Mechanical Engineering and Erection	Pumpa / Pump
ENGLESKA / ENGLAND					
ZP N 1150 / 4	4	IC511	400	Jastrebac Nis za PWT	
ZP N 1150A/ 4	2	IC511	355	Jastrebac Nis za PWT	
1.PZ 5400 Sa-4	1	IC611	300	ATB MORLEY	
1.PZ 3500-12 B3 L+D	1	IC611	450	Brook Crompton Ltd	Mlin / Mill
GRČKA / GREECE					
OP FN 6230A/10	3	IC01	1400	KSB SA Hellas Greeca	Pumpa / Pump
ZP N 6150B/ 6	18	IC511	260	EL.promet Zagreb za PPC	
1.PZ 6560-4 B3 L+D	1	IC611	2000	CEMTEC	Mlin / Mill
ZPN 5180/8 B3 L+D	2	IC511	736	Rotech Engineering LTD	Ventilator / Fan
1.PZ 11710-6S B3	1	IC611	4300	Rotech Engineering LTD	Mlin / Mill
ZKN 6710-2 B3 Exn II T3	1	IC511	1300	Rotech Engineering LTD	Kompresor / Compressor
HRVATSKA / CROATIA					
1.PZ 6400 Sb-6 B3 TH L+D	1	IC611	250	NAŠICECEMENT D.D.	Mlin / Mill
1.PZS 6560-6 B3 L	1	IC611	1500	HOLCIM (HRVATSKA) D.O.O.	Ventilator / Fan
1.PZS 6560-6 B3 L	1	IC611	1500	HOLCIM (HRVATSKA) D.O.O.	
1.PZ 6630-6 B3	1	IC611	3600	NAŠICECEMENT D.D.	
HOLANDIJA/ NETHERLANDS					
1.PVS 10800 - 8s	1	IC81W	3000	CAMTRIP B.V.	Metallurgija / Metallurgy
1.PZF 6500 Mb-10 V1 TH L	3	IC611	400	ATB BENELUX BV	
1.PZ 6450 Sb-4	2	IC611	630	UNITED POLYMERS	Trenasportna traka / Conveyor
1.PZ 6450 Sb-4 B3 L+D	2	IC611	630	UNITED POLYMERS EUROPE B.V.	
1.PZ 5355-4 B3	1	IC611	250	ATB Motors B.V.	

REFERENC LISTA

Trofazni asinhroni visokonaponski motori

3

TIP TYPE	KOLIČINA PCS	TYPE OF COOLING	SNAGA POWER kW	KUPAC BUYER	POGON DRIVE
1.PZ 5560-8 B3	1	IC611	1700	ATB Motors B.V.	
1.ODFIM 6355-4 B3	1	IC06	500	ATB Motors BV, NL Za kupca: Ecole Polytechnique, CH	laboratory research
1.PZ 5560-8 B3	3	IC 611	1700	ATB Motors B.V.	Mill
IRAN					
OP N 1140B/12	10	IC01	220	ITEFAQ-Lahore Pakistan	Mlin / Mill
1.PZ 6500 Sb-4s	10	IC611	800	Iran	
1.PZ 6630-6s	1	IC611	3600	KHOY CEMENT	
1.PZ 6500 6s	1	IC611	1300	KHOY CEMENT	
1.PZ 6630 M-6s B3 L+D	1	IC611	1750	ZANJAN CEMENT	
1.PZ 6630-6s	1	IC611	3800	KHOY CEMENT	
1.PZ 6400-6 B3 L+D	1	IC611	405	SAVEH CEMENT	Cement Mlin / Mill
1.PZ 6710-6	1	IC611	4100	KHOY CEMENT	Cement Mlin / Mill
ITALIJA / ITALIA					
OP N 3150 / 6	1	IC01	545 Hp	CEAM	Valjaonica / Steel mill
OP N 3160 / 6	1	IC01	680 Hp	CEAM	Valjaonica / Steel mill
OP N 3160 / 8	1	IC01	545 Hp	CEAM	Valjaonica / Steel mill
OP N 3170 / 6	1	IC01	850 Hp	CEAM	Valjaonica / Steel mill
OP N 3170 / 8	1	IC01	680Hp	CEAM	Valjaonica / Steel mill
OP N 3180 / 6	1	IC01	1100 Hp	CEAM	Valjaonica / Steel mill
OP N 3180 / 8	1	IC01	850 Hp	CEAM	Valjaonica / Steel mill
OP N 3190 / 6	1	IC01	1350 Hp	CEAM	Valjaonica / Steel mill
OP N 3190 / 8	1	IC01	1100 Hp	CEAM	Valjaonica / Steel mill
ZP N 6250 / 8	1	IC511	2000	Metalka Ljubljana CEAM	
OP N 1190 / 6	2	IC01	1000	Metalka Ljubljana CEAM	
1.PZ 4450 Ma-6s	2	IC611	630	Sever Italia	Pumpa / Pump
1.PZ 1500 M-8	1	IC611	560	NUOVA CEAM	
JAR / RSA					
1.PR 6630 Mb-8s	1	IC31	1150	INDUSQUIP	
1.PZ 5560 -8s	1	IC611	1550	JAR	
1.PZ 6560 -8s	1	IC611	1550	INDUSQUIP	
MAKEDONIJA / MACEDONIA, NORTH					
1.PZ 6500-8 B3 L+D	1	IC611	675	ATB SEVER MAK dooel	Mlin / Mill
1.PZ 6500-6 B3 L+D	1	IC611	1100	ATB SEVER MAK dooel	Ventilator / Fan
ZPN 6180/6s B3 L+D	5	IC511	560	ATB SEVER MAK dooel	Transportna traka/ Belt conveyor
ZPN 6180/6s B3 L+D	3	IC511	560	ATB SEVER MAK dooel	Transportna traka/ Belt conveyor
1.PZ 6500-6 B3	1	IC611	1800	ATB SEVER MAK dooel	Mill in cement plant
1.PT 6500-6 B3	2	IC511	315	ATB SEVER MAK dooel	Transport belt system
1.PZ 6500-6 B3	2	IC611	560	ATB SEVER MAK dooel	Transport belt system
1.PT 6450-6 B3	3	IC511	400	ATB SEVER MAK dooel	Transport system
1.PT 6630-6 B3	2	IC511	630	ATB SEVER MAK dooel	Transport system
1.PT 6560-6 B3	3	IC511	430	ATB SEVER MAK dooel	Transport system

REFERENCE LIST

Three Phase Medium Voltage Induction Motors

4

TIP TYPE	KOLIČINA PCS	TYPE OF COOLING	SNAGA POWER kW	KUPAC BUYER	POGON DRIVE
1.PT 6560-6 B3	4	IC511	560	ATB SEVER MAK dooel	Transport system
1.PT 6710-6 B3	8	IC410	1000	ATB SEVER MAK	Transport belt system
1.PT 6560-6 B3	2	IC511	500	ATB SEVER MAK	Transport belt system
1.PT 6710-6 B3	4	IC 511	1000	ATB SEVER MAK dooel	Transport belt
1.PT 6560-6 B3	4	IC 511	560	ATB SEVER MAK dooel	Transport belt
1.PT 6560-6 B3	2	IC 511	500	ATB SEVER MAK dooel	Transport belt
1.PZ 6400 Mb-4 B3	2	IC 611	500	ATB SEVER MAK dooel	Transport belt

MAĐARSKA / HUNGARY

1.POF 10630 Mb-8s	4	IC01	1400	GANZ	
1.PZSF 10450 M-6s	4	IC611	365	EVIG	Pumpa / Pump
1.PZSF 10500 S-6s	4	IC611	450	EVIG	Pumpa / Pump
1.PZS 6355 Mc-4s	6	IC611	265	GANZ-EXTREN	
1.POSF 3400 Mb-4	6	IC01	555	Extren - Egipat	

NEMAČKA / GERMANY

OP N 3110 / 4	3	IC01	210	THEO Halter	Pumpa / Pump
ZPV 6210 / 6-12 s	1	IC81W	736/368	PEMAX Nemacka	
ZP N 1150B/10	1	IC511	220	German Customer.	
ZPS N 1150 / 4	1	IC511	400	AEG	
ZPS N 1200 /12	2	IC511	500	"F+G"SEVER-Minhen	
OP N 3140 / 6	4	IC01	315	Agrovojvodina Minhen SCHOOFF	Pumpa / Pump
OP N 6140A/ 4	1	IC01	340	German Customer.	Pumpa / Pump
OP N 6170A/ 6	1	IC01	570	German Customer.	Pumpa / Pump
OP FN 1150 /12	2	IC01	250	Agrovojvodina Minhen SCHOOFF	Pumpa / Pump
ZP N 6200 / 8	1	IC511	630	AEG Sever	
ZP N 1150A/ 6	3	IC511	280	MAD MILDE	
ZP N 6210A/ 8	1	IC511	810	Sever Agrovojvodina German Customer.	
1 PZ 3450 Sa -10	3	IC611	225	Agrovojvodina German Customer.	
ZP N 5240 /10	2	IC511	1250	SERMES	Drobitica / Crusher
1 PZ 6355 Sc - 4s	1	IC611	160	German Customer.	
1 PR 3355 Sc - 6s		IC31	180	German Customer.	
1 PZ 6450 Mb - 6s	2	IC611	600	German Customer.	
1 PZ 6450 Mb - 6s	2	IC611	600	German Customer.	
1 PZ 6500 Mb - 4s	1	IC611	1250	German Customer.	
1.PZ 6400 Mb-4s	3	IC611	500	German Customer.	
1.PZ 6560 Sa-6s	1	IC611	1060	German Customer.	
1.PZ 6450 Mc-8s	1	IC611	500	German Customer.	
1.PZ 6500 Sa-4s	1	IC611	900	German Customer.	
1.PZ 5355 Mc-4s	1	IC611	280	German Customer.	
1.PZ 5400 Md-6s	1	IC611	320	German Customer.	
1.PZ 5400 M-8s	1	IC611	220	German Customer.	
1.PZ 5400 Sa-4	1	IC611	355	German Customer.	
1.PZ 11500 M-4	1	IC611	630	German Customer.	
1.PZ 3400 Mb-6	1	IC611	370	German Customer.	

REFERENC LISTA

Trofazni asinhroni visokonaponski motori

TIP
TYPE

KOLIČINA
PCS

TYPE OF
COOLING

SNAGA
POWER
kW

KUPAC
BUYER

POGON
DRIVE

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1.PZ 6400 Mb-4s	1	IC611	500	German Customer.
OPFN 1150-10	1	IC01	315	German Customer.
1.POF 3450-12s	2	IC01	160	German Customer.
1.POF 3450-12s	1	IC01	220	German Customer.
1.PZ 6500 Mb-6s	2	IC611	900	German Customer.
1.PZ 6630 M-6s	2	IC611	2000	German Customer.
1.PZ 6560 Sb-6s	1	IC611	1250	German Customer.
1.PR 6500 Sb-8s	1	IC31	800	German Customer.
1.PR 6500 Sa-8s	2	IC31	700	German Customer.
1.PZ 6450 L-6s	1	IC611	785	German Customer.
1.PO 1560 S-8s	1	IC01	1500HP	German Customer.
1.PZ 5450 L-8s	1	IC611	560	German Customer.
1.PZ 5500 M-8	1	IC611	640	German Customer.
1.PZ 5400 M-4s	1	IC611	350	German Customer.
1.PW 6500 Sb-12s	1	IC81W	375	German Customer.
1.PZ 6500/560 Sa-6s	1	IC611	630	German Customer.
1.PZ 5400 Sa-4	2	IC611	355	German Customer.
1.PZ 6400 Mb-4s	1	IC611	500	German Customer.
1.PW 5450 Ma-4s	1	IC81W	710	German Customer.
1.PO 3500 Sb-8s	1	IC01	800	German Customer.
1.PZ 5450 Sa-6	1	IC611	415	German Customer.
1.PZ 6400 Ma-6	1	IC611	320	German Customer.
1.PZ 3555/400 Md-4s	1	IC611	315	German Customer.
1.PZ 6450 Ma-6s	1	IC611	500	German Customer.
1.PZ 10500/630-6s	1	IC611	440	German Customer.
1.PZ 3555/400 Md-4s	1	IC611	315	German Customer.
1.PZ 5560 Sb-6	1	IC611	1250	German Customer.
1.PZ 6400 Ma-6	1	IC611	320	German Customer.
1.PZ 6450 Ma-6s	1	IC611	500	German Customer.
1.PO 3400 M-4	1	IC01	505	German Customer.
1.PO 6500 Mb-6	1	IC01	1000	German Customer.
1.PRS 6630 -6s	1	IC31	2500	German Customer.
1.PV 6560 M-4s	1	IC81W	1800	German Customer.
1.PV 6560 M-4s	1	IC81W	1800	German Customer.
1.PZ 11560 S-6	2	IC611	1000	German Customer.
1.PZ 3355 M-4s	1	IC611	332	German Customer.
1.PZ 3500 L-8	1	IC611	850	German Customer.
1.PZ 3500 L-8	1	IC611	850	German Customer.
1.PZ 3500 M-8s	1	IC611	770	German Customer.
1.PZ 3500 Sa-6	1	IC611	640	German Customer.
1.PZ 3710 M-6s	1	IC611	2400	German Customer.
1.PZ 5400 L-4s	2	IC611	400	German Customer.
1.PZ 5400 Sa-4s	1	IC611	300	German Customer.
1.PZ 5450 L-6s	1	IC611	800	German Customer.
1.PZ 5500 Ma-10	1	IC611	450	German Customer.
1.PZ 5560 M-6s	1	IC611	900	German Customer.

REFERENCE LIST

Three Phase Medium Voltage Induction Motors

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TIP TYPE	KOLIČINA PCS	TYPE OF COOLING	SNAGA POWER kW	KUPAC BUYER	POGON DRIVE
1.PZ 5560 M-6s	1	IC611	900	German Customer.	
1.PZ 5630 M-8	2	IC611	1400	German Customer.	
1.PZ 6450 L-6s	1	IC611	785	German Customer.	
1.PZ 6450 Sa-6	1	IC611	450	German Customer.	
1.PZ 6500 Mb-8s	1	IC611	750	German Customer.	
1.PZ 6500 S-6	1	IC611	700	German Customer.	
1.PZ 6500 S-6s	1	IC611	700	German Customer.	
1.PZ 6500/560 Sb-6s	1	IC611	800	German Customer.	
1.PZ 6500/560 Sb-6s	1	IC611	800	German Customer.	
1.PZ 6560 Mb-6	2	IC611	1500	German Customer.	
1.PZ 6630 -6s	1	IC611	2400	German Customer.	
1.PZ 6630 M-10	3	IC611	1500	German Customer.	
1.PZ 6710 -6s	1	IC611	2400	German Customer.	
ZPSFN 6210 B/6	1	IC511	1400	German Customer.	
1.PO 10630-8s	1	IC01	1480	German Customer.	
1.PO 3710 -6/12s	1	IC01	760/300	German Customer.	
1.PO 5710 -12s	1	IC01	1840	German Customer.	
1.PO 6560/630-6s	1	IC01	2000	German Customer.	
1.PR 6500 Ma-8s	1	IC31	600	German Customer.	
1.PR 6500/600 M-6s	1	IC31	1000	German Customer.	
1.PR 6500/600 Ma-6s	1	IC31	1000	German Customer.	
1.PZ 11560 -12s	1	IC611	450	German Customer.	
1.PZ 11710 S-6	1	IC611	2250	German Customer.	
1.PZ 3400 Mb-6	1	IC611	400	German Customer.	
1.PZ 3500 Ma-6	1	IC611	820	German Customer.	
1.PZ 3560 Mb-8s	1	IC611	1000	German Customer.	
1.PZ 5355 Md-4s	2	IC611	315	German Customer.	
1.PZ 5500 Ma-10s	1	IC611	450	German Customer.	
1.PZ 5500 Mb-6s	1	IC611	1100	German Customer.	
1.PZ 5630/750-6s	1	IC611	1800	German Customer.	
1.PZ 6450 L-4	1	IC611	750	German Customer.	
1.PZ 6450 Sa-4	2	IC611	560	German Customer.	
1.PZ 6450 Sb-4	2	IC611	560	German Customer.	
1.PZ 6500 Mb-6	1	IC611	1400	German Customer.	
1.PZ 6500 S-10s	1	IC611	360	German Customer.	
1.PZ 6500 Sa-4	1	IC611	800	German Customer.	
1.PZ 6500 Sa-4	1	IC611	800	German Customer.	
1.PZ 6500/560 Sb-6s	1	IC611	800	German Customer.	
1.PZ 6500/630 Mb-8s	1	IC611	670	German Customer.	
1.PZ 6560 Ma-8	1	IC611	1000	German Customer.	
1.PZ 6560 Mb-6	2	IC611	1650	German Customer.	
1.PZ 6560 Mb-6	1	IC611	1400	German Customer.	
1.PZ 6560 Mb-6	1	IC611	1500	German Customer.	
1.PZ 6560 Mb-6	4	IC611	1400	German Customer.	
1.PZ 6560 Mb-6	1	IC611	1650	German Customer.	
1.PZ 6560 Mb-6s	1	IC611	1600	German Customer.	

REFERENC LISTA

Trofazni asinhroni visokonaponski motori

TIP
TYPE

KOLIČINA
PCS

TYPE OF
COOLING

SNAGA
POWER
kW

KUPAC
BUYER

POGON
DRIVE

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1.PZ 6560 S-12s	1	IC611	650	German Customer.
1.PZ 6560M-6	2	IC611	1600	German Customer.
1.PZ 6630 M-6	1	IC611	2000	German Customer.
1.PZ 6630 Mb-6s	1	IC611	2200	German Customer.
1.PZ 6710 M-6s	1	IC611	3000	German Customer.
1.PZ 6710-6	1	IC611	2400	German Customer.
1.PZS 6450 L-4s	2	IC611	680	German Customer.
1.PZS 6450 Sb-8s	1	IC611	315	German Customer.
1.PZS 6710-10s	1	IC611	2500	German Customer.
OPRN 5200 B/6s	1	IC01	1120	German Customer.
ZPN 3250 A/8	1	IC511	2160	German Customer.
ZPN 3190 A/6s	3	IC511	460	TAKRAF Germany
1.PZ 6400 Mb-4s	1	IC611	500	German Customer.
1.PZ 6400 Ma-6	1	IC611	355	ABB AUTOMATION GmbH
1.PZ 2355 M-6S	1	IC611	190	German Customer.
1.PZ 6450 L-6	1	IC611	600	German Customer.
1.PZ 2450-4S	1	IC611	820	German Customer.
1.PR 6560/710-6S	1	IC31	1700	German Customer.
ZPN 6210/6S	1	IC511	1000	German Customer.
1.PZ 6400 Mb-4S	2	IC611	500	German Customer.
1.PZ 5560 M-6S	1	IC611	900	German Customer.
1.PZ 6500 S-6S	1	IC611	800	German Customer.
1.PV 6560 Sb-4S	1	IC81W	2000	German Customer.
1.PZ 6560 M-6	2	IC611	1200	German Customer.
1.PZ 6500 M-8S	1	IC611	810	German Customer.
1.PZ 5400 Sd-6	2	IC611	260	German Customer.
1.PZ 3400 Sb-4s	2	IC611	350	German Customer.
1.PZ 6400 Ma-4	1	IC611	450	German Customer.
1.PZ 6450 Sb-8	1	IC611	315	German Customer.
1.PZ 6400 M-6S	2	IC611	315	German Customer.
1.PO 5450 Mb-10	1	IC01	368	German Customer.
ZPN 4190/4	1	IC511	630	TAKRAF GmbH - Leipzig
1.PZ 5355 Sc-4S	1	IC611	200	German Customer.
1.PZ 11560 S-6	1	IC611	850	German Customer.
1.PZ 11560 S-6	1	IC611	850	German Customer.
1.PZ 5400 Sa-4	1	IC611	355	German Customer.
1.PV 5450 S-6s	1	IC81W	550	German Customer.
1.PZ 4450-6s	1	IC611	600	German Customer.
1.PZ 4450-6s	1	IC611	520	German Customer.
1.PZ 6560 Mb-6	1	IC611	1400	German Customer.
1.PZ 6560 Mb-6 B3 TH L+D	1	IC611	1400	German Customer.
1.PZS 6450 M-4s B3 TH 2S	1	IC611	700	German Customer.
1.PZ 6560 Mb-6	1	IC611	1400	German Customer.
1.PZS 6450 M-4s B3 TH 2S	1	IC611	700	German Customer.
1.PZ 6560 Mb-6 B3 TH L+D	1	IC611	1400	German Customer.
1.PZ 6500 Mb-6 B3 TH L+D	1	IC611	1100	German Customer.

REFERENCE LIST

Three Phase Medium Voltage Induction Motors

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TIP TYPE	KOLIČINA PCS	TYPE OF COOLING	SNAGA POWER kW	KUPAC BUYER	POGON DRIVE
1.PZ 6500 Mb-6 B3 TH L+D	1	IC611	900	German Customer.	
1.PZ 5630 M-8 B3 TH L+D	1	IC611	1400	German Customer.	
1.PV 6560 L-4s B3 TH	1	IC81W	3250	German Customer.	
1.PZ 5450 Ma-4 B3 TH L+D	1	IC611	600	German Customer.	
1.PZ 5500 Sa-4S B3 L+D	1	IC611	800	German Customer.	
1.PZ 11560 S-6 B3 L/1S	1	IC611	850	German Customer.	Transporta traka / Transporter
1.PV 6560 L-4s B3 TH	1	IC81W	3250	German Customer.	Pumpa / Pump
1.PZ 6560 M-6 B3 L+D	2	IC611	1600	German Customer.	
1.PZ 6450 Sb-4 B3 L+D	2	IC611	560	German Customer.	
1.PZ 6560 M-6 B3	2	IC611	1600	German Customer.	
1.PV 6560 L - 4s	2	IC81W	3250	German Customer.	
1.PO 3500/600-8S B3 L+D 2S	1	IC01	1000	German Customer.	
1.PR 6450/500-6S B3 L+D	1	IC611	640	German Customer.	
1.PZ 5450 Ma-4 B3 TH L+D	1	IC611	600	German Customer.	
1.PO 5450 M-8S B3 L+D	1	IC01	560	German Customer.	
1.PVS 6710-4S B3 L+D	1	IC81W	2300	German Customer.	
ZPN 2200/6S B3 L+D	1	IC511	700	German Customer.	
1.PZ 5500 -6s B3 L+D	1	IC611	700	German Customer.	
1.PZ 5400 L-4S B3 L+D	2	IC611	600	German Customer.	
1.PZ 6450-4S B3 L+D	1	IC611	750	German Customer.	
1.PZ 5400 Sa-4 B3	1	IC611	355	German Customer.	
1.PO 6450 Ma-8 B3	1	IC01	450	German Customer.	
1.PZ 6710-12S B3	1	IC611	1850	German Customer.	
1.PZ 5450 -6 B3 L+D	1	IC611	450	German Customer.	
1.PZ 4560-8 B3	1	IC611	1550	German Customer.	
1.PRS 3450-4S B3	1	IC31	650	German Customer.	
1.PZ 5400 Sa-4s B3	1	IC611	300	German Customer.	
1.PZ 5400 M-8s B3	1	IC611	220	German Customer.	Mlin / Mill
1.PV 6400 Ma-4 B3	1	IC81W	560	EMZ	Mlin / Mill
1.PV 6400 Ma-4 B3	1	IC81W	560	EMZ	Mlin / Mill
1.PZ 5400 L-4S B3 L+D	1	IC611	600	German Customer.	Mlin / Mill
1.PZ 6450 Sb-4	1	IC611	560	German Customer.	Mlin / Mill
1.PZ 6500-6s B3 L+D	1	IC611	1250	German Customer.	Transportna traka / Belt conveyor
ZPN 6200-4 B3 L+D	1	IC511	1400	German Customer.	Mlin / Mill
1.PZ 4630-6s B3 L/2S	1	IC611	3350	German Customer.	Mlin / Mill
1.PZ 4630-6s B3 2S	1	IC611	3350	German Customer.	Mlin / Mill
1.PZ 6450-6 B3 (380KW-GEC)	1	IC611	380	ATB Schorch	Mill / Cement Industry
1.PZ 6500-6 B3 (1100KW-GANZ)	1	IC611	1100	ATB Schorch	Mill / Cement Industry
1.PZ 6500-6 B3 (900KW-ABB)	1	IC611	900	ATB Schorch	Mill / Cement Industry
1.PZ 6500-6 B3 (900KW-GANZ)	1	IC611	900	ATB Schorch	Mill / Cement Industry
1.PZ 6560-6 B3 (1100KW-ABB)	1	IC611	1100	ATB Schorch	Mill / Cement Industry
1.PZ 6560-6 B3 (1300KW-GANZ)	2	IC611	1300	ATB Schorch	Mill / Cement Industry
1.PRS 6710-8 B3 L	1	IC31	1900	German Customer.	Mlin / Mill
1.PZ 6560-6s B3	1	IC611	1950	German Customer.	Mlin / Mill
1.PZ 6355-4 B3 L+D	3	IC611	300	German Customer.	Mlin / Mill

REFERENC LISTA

Trofazni asinhroni visokonaponski motori

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TIP TYPE	KOLIČINA PCS	TYPE OF COOLING	SNAGA POWER kW	KUPAC BUYER	POGON DRIVE
1.PV 6400 Ma-4 B3	2	IC81W	560	German Customer.	Mlin / Mill
1.PZ 5450-8 B3 L+D	1	IC611	450	German Customer.	Mlin / Mill
ZPN 6200/6S B3 TH L	1	IC511	850	Christian Pfeiffer Maschinenfabrik	
1.PV 6400 Ma-4 B3	1	IC81W	560	EMZ Elektro-Maschinen- Zentrale Gmb	
1.PZ 5450-8 B3 L+D	1	IC611	450	MENZEL ELEKTROMOTOREN GmbH	
1.PZ 5650 M-6 B3	1	IC611	1600	Wolong EMEA (Germany) GmbH	
1.PZ 5560-4 B3	1	IC611	1500	Wolong Emea/Nemacka za kupca - J.Helmke &Co	
1.PV 5450 S-6s B3	1	IC81W	550	Wolong EMEA (Germany) GmbH, za kupa J. Helmke & Co., DE	
1.PZ 6400-6 B3	2	IC611	250	Wolong EMEA (Germany) za kupca UKR-Dienste, DE	
1.PZ 6355-4 B3	1	IC 611	300	WOLONG EMEA (GERMANY) GMBH	Mill
1.PZ 5630-4 B3	1	IC 611	1400	WOLONG EMEA (GERMANY) GMBH	Mill
PAKISTAN					
OP N 1180A/12	2	IC01	450	ITEFAQ LAHORE	Mlin / Mill
PERU					
1.PO 2450- 10s B3	1	IC01	336	UCP Backus	
POLJSKA / POLAND					
1.PR 6450-6 B3 L+D	1	IC31	630	ATB TAMEL	Dizalica / Hoist
RUMUNIJA / ROMANIA					
1 PZ 6355 Mb - 4	10	IC611	250	EEI Bukurest	
1 PZ 6355 Md - 4	5	IC611	315	EEI Bukurest	
1 PZ 6400 Mb - 8	8	IC611	250	EEI Bukurest	
1 PZ 6400 Sb - 4	1	IC611	400	EEI Bukurest	
1 PZ 6450 Mb - 4	1	IC611	800	EEI Bukurest	
1 PZ 6450 Mb - 6	5	IC611	630	EEI Bukurest	
ZP N 6180 / 6	3	IC511	500	El.tehna Ljubljana Bukurest	
1 PZ 6400 Sb - 8	16	IC611	200	EEI Bukurest	
1 PZ 6450 Ma - 8	5	IC611	400	EEI Bukurest	
1 PZ 6450 Mc - 8	2	IC611	500	EEI Bukurest	
1 PZ 6450 Sb - 4	5	IC611	630	EEI Bukurest	
1 PZ 6450 Sb - 6	5	IC611	500	EEI Bukurest	
1 PZ 6355 Mb - 4	21	IC611	200	EEI Bukurest	
1 PZ 6400 Mb - 4	23	IC611	500	EEI Bukurest	
1 PZ 6400 Mb - 6	27	IC611	400	EEI Bukurest	
1 PZ 6400 Mb -10	7	IC611	200	EEI Bukurest	
1 PZ 6400 Sd - 6	25	IC611	315	EEI Bukurest	
1 PZ 6450 Mb -10	17	IC611	315	EEI Bukurest	
1 PZ 6450 Mc - 8	28	IC611	500	EEI Bukurest	
1 PZ 6450 Sb -10	21	IC611	250	EEI Bukurest	

REFERENCE LIST

Three Phase Medium Voltage Induction Motors

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TIP
TYPE

KOLIČINA
PCS

TYPE OF
COOLING

SNAGA
POWER
kW

KUPAC
BUYER

POGON
DRIVE

RUSIJA / RUSSIA

1.PV6560 M-4s	1	IC81W	1600	Moskva - Rusija	
ZPSN 10250-6 B3 L+D	1	IC511	1500	SZEMO Electric motors,Ltd,	

SINGAPUR / SINGAPORE

1 OPR 1400 Sd - 6/12	1	IC01	220/110	Merkator Ljubljana,izv. Singapur	
1.PZ 6450 Sb-4 B3	1	IC611	630	PUMPING FACILITIES PTE.LTD.	Belt conveyor
1.PZ 6450 Sb-4 B3	2	IC611	630	PUMPING FACILITIES PTE.LTD.	Belt conveyor

SIRIJA / SYRIA

1.PZ 6450 Sb-4	1	IC611	550	Al Wehda	
1.PZ 6450 Ma-4	1	IC611	710	Al Wehda	

SLOVENIJA / SLOVENIA

1.PZ 6400 Mb-6	2	IC611	400	Rudis	
1.PZ 6400 Mb-6s	2	IC611	400	Rudis	
1.PZ 6450 Sb-6	2	IC611	500	Rudis	
1.PZ 6500 Sa-4	1	IC611	900	Rudis	
1.PZ 6400 Sd-6	4	IC611	315	Rudis	
ZPN 6200/6S B3 TH L	1	IC511	850	NBM D.O.O.	Mlin / Mill

ŠPANIJA / SPAIN

1.PZ 6560 Sa-6s	1	IC611	1080	Santos	
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ŠVAJCARSKA / SWITZERLAND

1.PO 6560 Ma-6	2	IC01	1800	Transorga - Švajcarska	
1.PO 6560 Ma-6	2	IC01	1750	Zurich - Švajcarska	

TAJLAND / THAILAND

OP N 3160 /10	1	IC01	315	CONTAL Ljubljana-izvoz	
ZP N 1150B/ 4	1	IC511	450	CONTAL Ljubljana	
1.PZ 6900-12 B3	1	IC611	4510	SCG (Ensys), Thailand	
1.PT 6630-6 B3	2	IC511	1000	Ensys Motors & Drives Co. Ltd.	

TURSKA / TURKEY

OP N 6210A/ 6	6	IC01	1400	Agrovojvodina	Pumpa / Pump
OP FN 6140 / 4s	1	IC01	400	Univerzal, Atlas Copco	Kompresor / Compressor
1 PZ 3450 Mb - 8	2	IC611	450	Invest import Beograd	
1 PZ 6450 Sa - 6	5	IC611	450	Invest import Beograd, izvoz	
ZPN 6160/6S B3 TH L+D	1	IC511	320	CEFIP - Consulting & Engineering Fu	Pumpa / Pump
1.PZ 6560 M-6 B3 L+D	2	IC611	1800	REMAS A.S - TURKEY	Mlin / Mill
1.PZ 6500 -6 B3	2	IC611	800	REMAS	Mlin / Mill
1.PZ 6450-6 B3 L+D	1	IC611	750	REMAS REDUKTOR VE MAKINA SANAYII A	Mlin / Mill

REFERENC LISTA

Trofazni asinhroni visokonaponski motori

TIP
TYPE

KOLIČINA
PCS

TYPE OF
COOLING

SNAGA
POWER
kW

KUPAC
BUYER

POGON
DRIVE

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1.PZ 6450-6 B3 L+D	1	IC611	530	REMAS REDUKTOR VE MAKINA SANAYII A	Mlin / Mill
1.PZ 6450-6 B3 L+D	1	IC611	750	REMAS	Ball Mill
1.PZ 6450-6 B3 L+D	1	IC611	530	REMAS	Ball Mill
1.PZ 6450-6 B3	1	IC611	1000	ETI Bakir A.S., Turska	Mill

SAD / USA

1.PO 6900-14s	1	IC01	6000HP		
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JUGOSLAVIJA/SRBIJA / YUGOSLAVIA/SERBIA

OP FN 1130A/10	2	IC01	180	Jugoturbina Karlovac	Pumpa / Pump
OP N 1120 / 8	3	IC01	200	Fagram Smederevo	Ventilator / Fan
OP N 6130A/ 4s	1	IC01	280	Beogradelektro	
OP N 6140A/ 6s	1	IC01	280	Beogradelektro	
OP N 6170 / 4s	1	IC01	650	Beogradelektro	Pumpa / Pump
OP N 6170A/ 6s	1	IC01	570	Beogradelektro	
OP FN 6140/ 4s	1	IC01	400	Vodovod Beograd	Pumpa / Pump
OPS N 1120 / 4	1	IC01	315	Elektrotehna Ljubljana	Pumpa / Pump
OPS N 1120 /10	1	IC01	160	Energoinvest Trudbenik Doboj	Kompresor / Compressor
OPS N 1130 / 8	4	IC01	250	Jastrebac Nis	Kompresor / Compressor
OPS N 1150A/10	5	IC01	280	Energoinvest Trudbenik Doboj	Kompresor / Compressor
ZP N 1140 / 8	3	IC511	200	MINEL montaza Beograd	Kompresor / Compressor
ZP N 6200A/12	1	IC511	375	Tehnometal Skopje	Drobilica / Crusher
ZP N 6220A/10	4	IC511	750	RMHK Kosovo	Mlin / Mill
ZPS N 1140 / 6	1	IC511	250	MINEL kotlogradnja Beograd	
ZPS N 1150 / 6s	1	IC511	315	HI Zorka Subotica	
ZPS N 6200 /10	1	IC511	500	Niselektro Nis	
ZPSFN 1130 / 6	1	IC511	160	Intereksport Kosovo	
OP N 1150 /10	1	IC01	325	Rudnap- Beograd	Kompresor / Compressor
OP FN 6110B/ 4s	1	IC01	220	Vodovod Beograd	Pumpa / Pump
OPS N 1150 /10	5	IC01	315	Energoinvest, Trudbenik Doboj	Kompresor / Compressor
ZP N 5160 / 6	3	IC511	315	RTB Bor	Mlin / Mill
ZP N 6160 / 6s	16	IC511	315	RMHK Kosovo	Transporter / Transporter
ZP N 6160 / 8	1	IC511	250	Strazevica Batocina	
ZP N 6170B/ 6	2	IC511	430	FC Lukavac	
ZP N 6180 / 8	1	IC511	400	Jastrebac Nis	Pumpa / Pump
ZP N 6180A/ 4	2	IC511	550	Jugoturbina Karlovac	Pumpa / Pump
ZPV 6180 / 8s	1	IC511	630	FK Novi Sad	Mesalica za gumu / Rubber mixer
OP N 6150A/ 8s	1	IC01	280	Rudnao Beograd	Transporter / Transporter
OP FN 1130 / 4	3	IC01	400	Elektrotehna Ljubljana	Pumpa / Pump
OP FN 1130 /12	4	IC01	160	Jugoturbina Karlovac	Pumpa / Pump
ZP N 1140 / 8	1	IC511	200	PPK Zupanja	
ZP N 1140A/ 8s	1	IC511	190	Beogradelektro	
ZP N 1150 / 6s	7	IC511	350	SOUR Borovo	
ZP N 1150B/ 4s	7	IC511	450	SOUR Borovo	
ZP N 6140 / 4s	2	IC511	250	FOPA Vladicin Han	
ZP N 6210A/ 6s	1	IC511	950	Dj. Djakovic Slavonski Brod	

REFERENC LISTA

Trofazni asinhroni visokonaponski motori

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TIP TYPE	KOLIČINA PCS	TYPE OF COOLING	SNAGA POWER kW	KUPAC BUYER	POGON DRIVE
ZP N 6220A/ 4s	1	IC511	1400	Tehnometal Vardar Skopje	Ventilator / Fan
OP N 6180 / 4	1	IC01	1000	cementara Trbovlje	Mlin / Mill
OP FN 1120 /12	1	IC01	132	Jugoturbina Karlovac	Pumpa / Pump
OP FN 1170 /16	4	IC01	250	Jugoturbina Karlovac	Pumpa / Pump
ZP N 1170 /10	1	IC511	315	HI Zorka Subotica	
ZP N 6150 / 4	2	IC511	315	14. Decembar Beograd	Ventilator / Fan
ZP N 6160 / 6s	1	IC511	315	Rudar Konjic	Ventilator / Fan
ZP N 6170B/ 4	1	IC511	530	Jugoturbina Karlovac	Pumpa / Pump
ZP N 6180 / 6	2	IC511	500	Istarske Tvornice cementa	Ventilator / Fan
ZP N 6200A/ 6s	1	IC511	745	RB Majdanpek	
ZP N 6200A/ 6s	1	IC511	750	RB Majdanpek	
ZP N10210 / 6s	2	IC511	800	Arandjelovac	Drobitica / Crusher
ZP FN 6150A/ 4	3	IC511	280	Jugoturbina Karlovac	Pumpa / Pump
ZPS N 1120 / 4	1	IC511	200	Kolubarametal Vreoci	
OP N 6160A/ 4	1	IC01	560	RO Toplana Banja Luka	Pumpa / Pump
OPS N 1120 / 8	30	IC01	200	Energoinvest Trudbenik Doboj	Kompresor / Compressor
ZP N 6140 / 4	1	IC511	250	Novkabel Novi Sad	Pumpa / Pump
ZP N 6150 / 4	4	IC511	315	Jugoturbina Karlovac	Pumpa / Pump
ZP N 6160 / 4	3	IC511	400	Jugoturbina Karlovac	Pumpa / Pump
ZP N 6160 / 6	9	IC511	315	Kolubara metal Vreoci	Transporter / Transporter
ZP N 6160 / 6s	9	IC511	315	Kolubara metal Vreoci	Transporter / Transporter
ZP N 6180 / 8s	1	IC511	400	Rudar Zagreb	
ZP N 6190 / 8	4	IC511	500	EL.tehna Ljubljana	Drobitica / Crusher
ZP N 6200 /10s	2	IC511	500		Ventilator / Fan
ZP N 6200B/ 6s	1	IC511	850	Agrovojvodina Novi Sad	
ZP N 6200B/12	1	IC511	450	Energomont Sever Subotica	
ZP N 6220B/ 6	1	IC511	1300		
ZP N10200A/ 6	1	IC511	560	Beogradelektro Beograd	
ZP FN 1150A/ 4	1	IC511	360	Jastrebac Nis	Pumpa / Pump
1 PZ 6355 Md - 4	39	IC611	315	Energomont Sever	Transportna traka / Belt conveyor
1 PZ 6355 Sc - 4	5	IC611	200	Energomot Sever	Transportna traka / Belt conveyor
OP N 1130 /12	1	IC01	160	Hidrosistem DTD Zrenjanin	Pumpa / Pump
OP FN 1120 /10	2	IC01	160	Jastrebac Nis	Pumpa / Pump
OP FN 6190 /12	2	IC01	500	Jastrebac Nis	Pumpa / Pump
ZP N 1150 / 4	2	IC511	400	Jastrebac Nis	Pumpa / Pump
ZP N 1170 / 8	1	IC511	400	TIGAR Pirot	
ZP N 6160 / 6	12	IC511	315	Eleximport Bukurest, Ljubljana	
ZP N 6190 / 6	3	IC511	630	TTU Tuzla	Transporter / Transporter
1 PO 6355 Md - 4	2	IC01	400	MINEL kotlogradnja Beograd	Ventilator / Fan
1 PZ 6400 Mb - 6	4	IC611	400	Tehnopromet Bor	Transporter / Transporter
1 PZ 6450 Sb - 8	14	IC611	315	EEL Bukurest	
OP N 1120 / 8	2	IC01	200	Energoinvest Trudbenik Doboj	Kompresor / Compressor
OP FN 1120 / 4	1	IC01	315	Elektrotehna Ljubljana	Pumpa / Pump
OP FN 1120 / 8	2	IC01	200	Elektrotehna Ljubljana	Pumpa / Pump
OP FN 1120 /12	2	IC01	132	Elektrotehna Ljubljana	Pumpa / Pump
ZP N 1130 / 4s	1	IC511	250	EL.tehna Ljubljana	Pumpa / Pump

REFERENCE LIST

Three Phase Medium Voltage Induction Motors

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TIP TYPE	KOLIČINA PCS	TYPE OF COOLING	SNAGA POWER kW	KUPAC BUYER	POGON DRIVE
ZP N 1160 / 8s	1	IC511	280	Tehnopromet Bor	Droblilica / Crusher
ZP N 6150 / 4s	1	IC511	320	REIK Kolubara Vreoci	
ZP N 6150 / 6	1	IC511	250	rudnik i TE Gacko	traka odlagaca / belt conveyor (for spreader)
ZP N 6150 / 6s	1	IC511	250	Tehnopromet Bor	
ZP N 6160 / 4s	1	IC511	400	REIK Kolubara	
ZP N 6160 / 4s	1	IC511	400	REIK Kolubara Vreoci	
ZP N 6160 / 10	1	IC511	200	rudnik TE Gacko	Bager / Excavator
ZP N 6170B/ 6s	1	IC511	430	REIK Kolubara Vreoci	
ZP N 6200 / 12s	1	IC511	400	SOUR Borovo	
ZP N 6200A/12	1	IC511	370	Tehnopromet Bor	
1 PZ 3355 Sc - 4	1	IC611	160	IPK Osijek	Pumpa / Pump
1 PZ 6400 Mb - 4	22	IC611	500	Tehnometal Vardar Skopje	Transporter / Transporter
1 PZ 6400 Sb - 4	10	IC611	400	Tehnometal Vardar Skopje	Transporter / Transporter
OP N 1120 / 12	1	IC01	132	Barit Kresevo	
OP N 1140A/ 4	1	IC01	450	Kolubara Promet Vreoci	
OP N 2190 / 10s	1	IC01	630	Elektrotehna Ljubljana	
OP N 6160A/ 4	1	IC01	560	Gradska toplana Banja Luka	
ZP N 6170 / 8	2	IC511	315	Elektrotehna Ljubljana	Droblilica / Crusher
ZP N 6170A/ 4s	3	IC511	460	Tehnopromet Bor	
1 PO 6400 Ma - 4 + tg	2	IC01	560	MINEL Beograd	
1 PZ 6355 Mb - 4	2	IC611	250	Rudnik bakra Majdanpek	
1 PZ 6355 Md - 4	2	IC611	315	GOSA, Smederevska Palanka	
1 PZ 6400 Mb - 4 + tg	4	IC611	500	Beogradelektro	Bager / Excavator
1 PZ 6400 Sb - 4	23	IC611	400	Energomont Sever	
1 PZ 6400 Sd - 6s	5	IC611	315	Kolubara Vreoci	
1 PZ 6450 Ma - 8	1	IC611	400	Rudnap Beograd - Bor	
1 PZ 6450 Mb - 6	4	IC611	630		
1 PZ 6450 Sb - 8	1	IC611	315	Kovinotehna Celje	
OP N 6160 / 4 + tg	3	IC01	630	Vodovod i kanalizacija N.Sad	
OP FN 1130 / 4	4	IC01	200	Jugoturbina Karlovac	Pumpa / Pump
OP FN 1130 / 8	2	IC01	250	Jastrebac Nis	Pumpa / Pump
OP FN 1140 / 10	2	IC01	250	Jugoturbina Karlovac	Pumpa / Pump
OP FN 6190 / 8	2	IC01	800	Jugoturbina Karlovac	Pumpa / Pump
ZP N 1150 / 6	1	IC511	315	fabrika secera Kovin	
ZP N 1180 / 6s	1	IC511	450	Tigar Pirot	
ZP N 6190 / 4s	1	IC511	800	RB Majdanpek	
ZP N 6190 / 6	53	IC511	630	RMHK Kosovo	Transportna traka / Belt conveyor
ZP N 6200 / 6	1	IC511	800	RMU Djurdjevik	Transporter / Transporter
ZP N 6200 / 12	2	IC511	400	RB Majdanpek	Droblilica / Crusher
ZP N 6230 / 10	1	IC511	1000	Kovinotehna Celje	
1 PZ 6355 Sc - 4	1	IC611	200	povrsinski kop Kostolac	
1 PZ 6355/400 Md-4	2	IC611	315	RB Majdanpek	
OP N 1150A/ 6	1	IC01	280	Trudbenik Doboj	Kompresor / Compressor
OP R 1150A/ 6s	1	IC01	450	Beogradelektro Beograd	Sekirostroj
OP FN 6200 / 10	2	IC01	800	Jastrebac Nis	Pumpa / Pump
ZP 1150 / 10s	1	IC511	160	Tigar Pirot	Mesalica / Mixer
ZP N 6150 / 6s	1	IC511	250	Kolubara Vreoci	

REFERENC LISTA

Trofazni asinhroni visokonaponski motori

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TIP TYPE	KOLIČINA PCS	TYPE OF COOLING	SNAGA POWER kW	KUPAC BUYER	POGON DRIVE
ZP N 6180 /10	1	IC511	315	FC Novi Popovac	Kompresor / Compressor
ZP N 6220B/ 6s	2	IC511	1600	RB Majdanpek	
ZP N 6220/ 6	3	IC511	1250	El.nabava Ljubljana	Mlin / Mill
1 PO 6450 Sb - 4s + tg	1	IC01	800	Beogradske elektrane Beograd	Pumpa / Pump
1 PZ 6400 Sa - 4s	2	IC611	355	fabrika cementa Paracin	Presa / Press
1 PZ 6400 Sb - 6	3	IC611	250	Tehnopromet Bor	
1 PZ 6400 Sd - 6	4	IC611	315	IEK Kostolac	
1 PZ 6500 Sa - 4s	1	IC611	900	IEK Kostolac	
ZP N 1140 / 4	3	IC511	315	El.tehna Ljubljana	
ZP N 6170B/ 6 + TG	7	IC511	450	Tehnopromet Bor	
ZP N 6210 /12	2	IC511	440	SEVER Agrovovjodina German Customer.	
1 PZ 6355 Mb - 6	1	IC611	200	Tehnopromet Bor	
1 PZ 6400 Sb - 4s	1	IC611	400	Rudnap Beograd	
1 PZ 6450 Mb - 6	10	IC611	630	ERA-Drive d.d.	
ZP N 6200 / 6	20	IC511	800	TTU Tuzla	Transporter / Transporter
1 PZ 6400 Mb - 4s	1	IC611	500	rudnik Sikulje, Lukavac	Bager / Excavator
1 PZ 6400 Sb - 4	2	IC611	400	Kolubara Barosevac	
1 PZ 6400/450 Mb-6	5	IC611	400	Kolubara Barosevac	
1 PZ 6450 Sc - 8	4	IC611	355	ERA Drive d.d.	
1 PZ 6500 Sb - 4	2	IC611	1000	Jastrebac Nis	
1.PZ 6355 Mb-6	1	IC611	200	ERA Drive DD	
ZPN 6170 B/6	6	IC511	450	FOD Bor Majdanpek	
ZPN 6170 B/6	6	IC511	450	FOD Bor RB Majdanpek	
1.PO 6450 Sb-4+tg	1	IC01	800	Rudnap Beograd	
1.PZ 6400 Sd-6	8	IC611	315	JJP El.Privreda Srbije	
1.PZ 6500 Mb-6+tg	6	IC611	1000	ERA Drive DD	
ZPN 6200 A/4	1	IC511	900	Rudnap Beograd	
ZPN 6200/12	1	IC511	400	RTB Bor FOD Bor	
1.PO 6400 Sa-4s	1	IC01	450	Beogradske elektrane Beograd	
ZPN 6160/4s	1	IC511	400	EPS -Kolubara-Metal-Vreoci	
1.PZ 6355 Mb-4	8	IC611	315	Tamnava Zapadno Polje	
1.PZ 6400 Mb-4+tg	1	IC611	500	Tamnava Zapadno Polje	
1.PZ 6500 Sa-4s	1	IC611	900	JPPK Kostolac	
ZPN 6160/4s	1	IC511	400	JP Basen Kolubara Lazarevac	
1.PZ 6450 L-6s	1	IC611	700	J.P.Povrsinski kop Kostolac	
1.PZ 6450 Mb-6	4	IC611	630	Drmno	
1.PZ 6400/450 Mb-6s	4	IC611	400	Tamnava Zapadno Polje	Transporter / Transporter
1.PZ 6400 Sd-6	1	IC611	315	Tamnava Zapadno Polje	
1.PZ 6355 Md-4	1	IC611	315	Tamnava Zapadno Polje	
ZPN 6160/6s	2	IC511	315	Kolubara Vreoci	
ZPN 6130 A/6s	2	IC511	160	Kolubara Vreoci	
ZPN 6150/6s	1	IC511	250	Kolubara Vreoci	
ZPN 6160/6s	6	IC511	315	Kolubara Vreoci	
ZPN 6170 B/6s	1	IC511	430	Kolubara Vreoci	
ZPN 6160/4s	1	IC511	315	Kolubara Vreoci	
ZPN 6160/4s	1	IC511	400	JPRB Kolubara	

REFERENCE LIST

Three Phase Medium Voltage Induction Motors

15

TIP TYPE	KOLIČINA PCS	TYPE OF COOLING	SNAGA POWER kW	KUPAC BUYER	POGON DRIVE
1.PZ 6450 Mb-6s	5	IC611	630	JKP Kostolac	
ZPN 6160/6s	10	IC511	320	JPRB Kolubara	
ZPN 6160A/4s	2	IC511	315	JPRB Kolubara	
ZPN 6170/6s	4	IC511	500	JPRB Kolubara	
ZPN 6170/6	4	IC511	400	Kolubara Vreoci	
ZPN 6160/6s	3	IC511	315	Repro oprema - Beograd	
1.PZ 6355 Md-4	1	IC611	315	JPRB Kolubara	
1.PZ 6400 Sb-4	2	IC611	400	JPRB Kolubara	
ZPN 6150/8s	1	IC511	200	Dynamic Trade - ZVEČAN	
1.PZ 6500/560 Mb-6s	1	IC611	900	Sombor-Elektro Kostolac	
1.PZ 6355 Mb-4	1	IC611	315	Kolubara Vreoci	
ZPN 6160/6s	5	IC511	315	Kolubara Vreoci	
1.PZ 6400 Ma-4s	1	IC611	450	Priština	
1.PZ 6400 Mb-4	1	IC611	500	REK - Bitola	
1.PZ 6400 Sb-4	1	IC611	400	REK - Bitola	
ZPN 6220/4S	1	IC511	1600	ATB SEVER MAK dooel	
1.PZ 6450 Sa-6 B3 TH L+D	1	IC611	315	RIMA ENGINEERING LTD	Pumpa / Pump
ZPN 6170/6 B3 TH L+D	1	IC511	400	REPROOPREMA DOO	Transportna traka
OPN 1140 A/4 B3 TH L+D	1	IC01	450	REPROOPREMA DOO	Transportna traka
ZPN 6190/6 B3 TH L+D	2	IC511	630	KOPEX MIN OPREMA AD	
1.PZ 6400 Mb-4s B3	1	IC611	500	RIMA ENGINEERING LTD - Priština	Transportna traka / Belt conveyor
1.PZ 6450 - 6S B3	1	IC611	315	RIMA ENGINEERING LTD - Priština	Transportna traka / Belt conveyor
1.PZ 6400 Ma-6 B3	1	IC611	355	RIMA ENGINEERING LTD - Priština	Transportna traka / Belt conveyor
1.PZ 6400 Ma-4 B3 L+D	1	IC611	400	SJEVER MONT-PODGORICA	Mlin / Mill
ZPN 10210-6S B3 2S	1	IC511	800	VENČAC ARANĐELOVAC	Mlin / Mill
ZPN 6160/6S B3 L+D	2	IC511	315	REPROOPREMA DOO-BEOGRAD	Transportna traka / Belt conveyor
1.PZ 6450 Mb-6 B3 L+D	1	IC611	630	REPROOPREMA DOO-BEOGRAD	Radni točak bagera / Bucket wheel
ZPN 6160/4s B3	2	IC511	355	COMEL BG	Conveyor
ZPN 6160/6S B3 L+D	2	IC511	315	REPROOPREMA DOO-BEOGRAD	Conveyor
ZPSN 10250-6 B3 L+D	1	IC611	1500	SZEMO Electric motors,Ltd,	
1.PZ 6450 Mb-6 B3 L+D	4	IC411	630	REPRO-OPREMA DOO	
ZPN 6160/6S B3 L+D	2	IC511	315	REPRO-OPREMA DOO	Belt conveyor
ZPN 6180-6 B3	1	IC511	500	REPRO-OPREMA DOO	Belt conveyor
ZPN 6160 A4/S B3	1	IC511	355	REPRO-OPREMA DOO	Belt conveyor
1.PT 6710-12 B3	1	IC511	450	REPRO-OPREMA BEOGRAD	Mill
1.PZ 6400-6 B3	1	IC611	375	REPRO-OPREMA BEOGRAD	Conveyor
4.ZP 6355 L-4 B3	1	IC411	220	REPRO-OPREMA BEOGRAD	Conveyor
1.PT 6800-6 B3	2	IC511	1500	REPROOPREMA	Mill
1.PZ 6400-6 B3	1	IC611	355	Ogranak ABB Automation GmbH, Beograd - Stari Grad	Conveyor
1.PO 5500-4 B3	2	IC01	1250	ZIJIN BOR COPPER DOO, Ogranak RBB	Mill
1.PO 5450-4 B3	2	IC01	884	ZIJIN BOR COPPER DOO, Ogranak RBB	Mill
ZPN 6160 A4/S B3	1	IC 511	355	REPRO-OPREMA DOO BEOGRAD	Belt conveyor
ZPN 6170 B-6 B3	1	IC 511	430	SERBIA ZIJIN COPPER DOO BOR	Transport belt
ZPN 6200-12 B3	1	IC 511	400	SERBIA ZIJIN COPPER DOO BOR	Transport belt

REFERENCE LIST

Three Phase Medium Voltage Induction Motors

16

QUESTIONNAIRE FOR THE OFFER OF ASYNCHRONOUS ELECTRIC MOTORS

WOLONG | **SEVER**

EnquiryNumber: _____

Customer: _____ ITEM: _____
Qty: _____

A MOTOR DATA

1 Motortype:	Threephase:	Singlephase:
2 Rotortype:	Squirrelcage:	Slip-ring:
3 Ratedoutput:	$P_N =$ _____ kW	
4 Ratedvoltage:	$U_N =$ _____ V	Connect: Star Delta
5 Ratedfrequency:	$f_n =$ _____ Hz	
6 Ratedspeed:	$n_n =$ _____ rpm	
7 Insulation class:	F ☐ B ☐	
8 Dutytype:	S1 S2 S3 S4 S5 S6 S7 S8 S9 S10	
	ED% ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	
	starts/h _____ min _____ J_{mot} _____ kgm^2	
9 Standard:	IECor _____	
10 Coolingmethod:	IC _____	
11 Mountingarrangement:	IM _____	
12 Protectiondegree:	MotorIP: _____ Terminal box IP: _____	
13 *Senseofrotation:	Left Right Both	
14 Motorbrake:	yes ☐ no ☐	
	Brakingmoment: _____ Nm	
	Brakevoltage: _____ V/Hz _____ V,DC	
15 No-loadregime? (singlephasemotor)	yes no	
16 Rotordata:	$U_{2c} =$ _____ V $I_{2n} =$ _____ A	

B DATA ABOUTTHEDRIVENMACHINE

1 Type:	
2 Requiredpower:	
3 Requiredspeed:	
4 Loadtorquecharacteristic:	
	Constant: Squared _____ or _____
	Speed%: 0 25 50 75 100
	Torque Nm: ☐ ☐ ☐ ☐ ☐
5 Momentofinertia:	$J =$ _____ kgm^2
6 Runningmachinespecialdata:	

C AMBIENTCONDITIONS

1 Ambient temperature:	C
2 Relativehumidity:	%
3 Altitude (abovesealevel):	m
4 Specificambientconditions:	

You are kindly requested to provide us with as much data as possible thus enabling us to offer satisfactorily

D POWER TRANSMISSION AND STARTING CONDITIONS

1 Couplingtype:	
2 Starting:	
3 Numberofconsecutivestartings:	
	Hot state: Cold state:
	_____ perhour _____ perhour
	_____ perday _____ perday

E ADDITIONAL REQUESTS FORMOTOR EXECUTION

1 Overloading	_____ % P_N
Duration:	_____ min
2 Temperature rise:	F ☐ B ☐
3 Requestfor:	vibration level _____ mm/s
	noise level _____ db
4 *Terminal box position:	
	left ☐ right ☐ On top ☐
5 Additional shaftloading	sense
	axial force radial force
6 Converterfeedoperation:	yes ☐ no ☐
Convertertype:	_____
Manufacturer:	_____
Speedrange:	from _____ to _____ rpm
7 Sensorcategory (mark in lower field):	
	Tahogen. Encoder Absolute Resolver

SensorType:	_____
8 Flangesize:	_____ mm
9 Secondshaftend:	yes ☐ no ☐
	DA= _____ mm EA= _____ mm
10 Otherrequests and limits:	

F ADDITIONAL EQUIPMENT, SPARE PARTS AND DOCUMENTATION

1 Thermalprotection:	yes ☐ no ☐
Type:	_____
2 Bearingsthermometers	yes ☐ no ☐
3 Anti-condensationheaters	yes ☐ no ☐
4 Spareparts	yes ☐ no ☐
5 Guaranteesheet	yes ☐ no ☐
6 Languageofinstructionlist:	
7 Otherrequests for packing:	

H CUSTOMER

1 Company:	
2 Address:	
3 City:	
4 Country:	
5 Person:	
6 Telefon/Telefax:	
7 e-mail:	

REFERENCE LIST

Three Phase Medium Voltage Induction Motors

18

QUESTIONNAIRE FOR THE OFFER OF ASYNCHRONOUS ELECTRIC MOTORS

WOLONG | **SEVER**

Enquiry Number: _____

Customer: _____ ITEM: _____
Qty: _____

A MOTOR DATA

1 Motortype:	Threephase:	Singlephase:
2 Rotortype:	Squirrelcage:	Slip-ring:
3 Ratedoutput:	$P_N =$ _____ kW	
4 Ratedvoltage:	$U_N =$ _____ V	Connect: Star Delta
5 Ratedfrequency:	$f_n =$ _____ Hz	
6 Ratedspeed:	$n_n =$ _____ rpm	
7 Insulation class:	F ☐ B ☐	
8 Dutytype:	S1 S2 S3 S4 S5 S6 S7 S8 S9 S10	
	ED% ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	
	starts/h _____ min _____ J_{mot} _____ kgm^2	
9 Standard:	IECor _____	
10 Coolingmethod:	IC _____	
11 Mountingarrangement:	IM _____	
12 Protectiondegree:	MotorIP: _____ Terminal box IP: _____	
13 *Senseofrotation:	Left Right Both	
14 Motorbrake:	yes ☐ no ☐	
	Brakingmoment: _____ Nm	
	Brakevoltage: _____ V/Hz _____ V,DC	
15 No-loadregime? (singlephasemotor)	yes _____ no _____	
16 Rotordata:	$U_{2c} =$ _____ V $I_{2n} =$ _____ A	

B DATA ABOUTTHEDRIVENMACHINE

1 Type:	
2 Requiredpower:	
3 Requiredspeed:	
4 Loadtorquecharacteristic:	
	Constant: Squared _____ or _____
	Speed%: 0 25 50 75 100
	Torque Nm: ☐ ☐ ☐ ☐ ☐
5 Momentofinertia:	$J =$ _____ kgm^2
6 Runningmachinespecialdata:	

C AMBIENTCONDITIONS

1 Ambient temperature:	C
2 Relativehumidity:	%
3 Altitude (abovesealevel):	m
4 Specificambientconditions:	

You are kindly requested to provide us with as much data as possible thus enabling us to offer satisfactorily

D POWER TRANSMISSION AND STARTING CONDITIONS

1 Couplingtype:	
2 Starting:	
3 Numberofconsecutivestartings:	
	Hot state: _____ Cold state: _____
	_____ perhour _____ perhour
	_____ perday _____ perday

E ADDITIONAL REQUESTS FORMOTOR EXECUTION

1 Overloading	_____ % P_N
Duration:	_____ min
2 Temperature rise:	F ☐ B ☐
3 Requestfor:	vibration level _____ mm/s
	noise level _____ db
4 *Terminal box position:	
	left ☐ right ☐ On top ☐
5 Additional shaftloading	sense
	axial force radial force
6 Converterfeedoperation:	yes ☐ no ☐
Convertertype:	_____
Manufacturer:	_____
Speedrange:	from _____ to _____ rpm
7 Sensorcategory (mark in lower field):	
	Tahogen. Encoder Absolute Resolver

SensorType:	_____
8 Flangesize:	_____ mm
9 Secondshaftend:	yes ☐ no ☐
	DA= _____ mm EA= _____ mm
10 Otherrequests and limits:	

F ADDITIONAL EQUIPMENT, SPARE PARTS AND DOCUMENTATION

1 Thermalprotection:	yes ☐ no ☐
Type:	_____
2 Bearingsthermometers	yes ☐ no ☐
3 Anti-condensationheaters	yes ☐ no ☐
4 Spareparts	yes ☐ no ☐
5 Guarantee sheet	yes ☐ no ☐
6 Language of instruction list:	
7 Other requests for packing:	

H CUSTOMER

1 Company:	
2 Address:	
3 City:	
4 Country:	
5 Person:	
6 Telefon/Telefax:	
7 e-mail:	

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