



ELECTRIC DRIVES
FOR EVERY DEMAND



Reference List

Minerals and Mining



 Steel and rolling mills



 Machine and plant engineering



 Shipbuilding



 Cement and mining industry



 Transportation



 Chemical, oil and gas industry



 Water management



 Renewable energies





 Power plant technology

since **1886**
electrical engineering tradition

 **8 countries**
with manufacturing facilities and subsidiaries

over **90**
countries on the export list

 **1,500**
motivated employees worldwide

 **motors 0.06 kW – 60 MW**
 **generators up to 90 MVA**
range of electrical drive systems, special motors and special machines

 up to **300**
Tonnes in motion

 **110,000 m²**
production space

about **200 million**
turnover

High-voltage and special machines

High-voltage transnorm motors

Sizes/type of protection 400–450, IP 55

Speeds 3 000, 1 500, 1 000, 750 rpm

Rated voltages 2.2...6.6 kV and 9...11 kV, 50 Hz (60 Hz on request)

Steel and rolling mills

Voltage range: 690 V to 11 kV

Frequencies: converter operation

Cooling types: air-water or air-air heat exchanger, water jacket cooling

Types of construction: IM B3, IM V1 and IM 7115 and modifications

Bearing: rolling or sliding bearing

Asynchronous motors with squirrel-cage rotor

Torque: 5 to 500 kNm

Number of poles: 2-, 4-, 6-, 8- up to 24-pole

Synchronous motors with all-pole & salient pole rotor/with brushless and brush excitation

Torque: 10 to 4 000 kNm

Number of poles: 4-, 6-, 8- up to 36-pole

Chemicals, oil and gas industry

Explosion-protected motors

Voltage range: 690 V to 13.8 kV

Frequencies: Mains power and converter operation

Cooling types: air-water or air-air heat exchanger

Types of construction: IM B3 and IM 7115 and modifications

Bearing: rolling or sliding bearing

Ignition protection types

"n" (non sparking), increased safety "e",
pressurised enclosure "p"

Asynchronous motors with squirrel-cage rotor

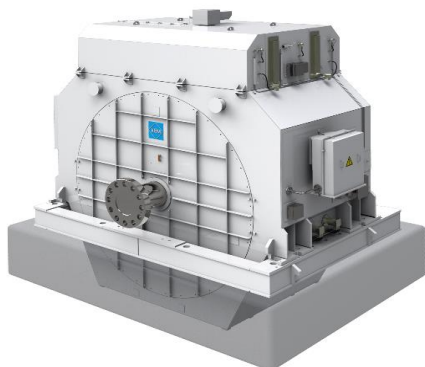
500 – 14 000 kW

Number of poles: 2-, 4-, 6-, 8- up to 16-pole

Synchronous motors with salient pole rotor, brushless

2 000 – 60 000 kW

Number of poles: 4-, 6-, 8- up to 72-pole



Power plants

Power range

Asynchronous motors and

synchronous motors with squirrel-cage rotor 200 – 22 000 kW

Number of poles: (2-), 4-, 6-, 8- up to 28-pole

Voltage range: 690 V to 13.8 kV

Frequencies: Mains power and converter operation

Cooling types: air-water or air-air heat exchanger, special design with water jacket cooling

Types of construction: IM B3 and IM V1 and modifications

Bearing: rolling or sliding bearing

Cement and mining industry

Voltage range: 690 V to 13.8 kV

Frequencies: Converter operation

Cooling types: air-water or air-air heat exchanger, water jacket cooling

Types of construction: IM B3, IM V1 and IM 7115 and modifications

Bearing: rolling or sliding bearing

Asynchronous motors with squirrel-cage rotor

200 – 28 000 kW

Number of poles: 4-, 6-, 8- up to 16-pole

Asynchronous motors with slip ring rotor with and without KBAV

250 – 15 000 kW

Number of poles: 4-, 6-, 8- up to 16-pole

Synchronous motors with all-pole & salient pole rotor/with brushless and brush excitation

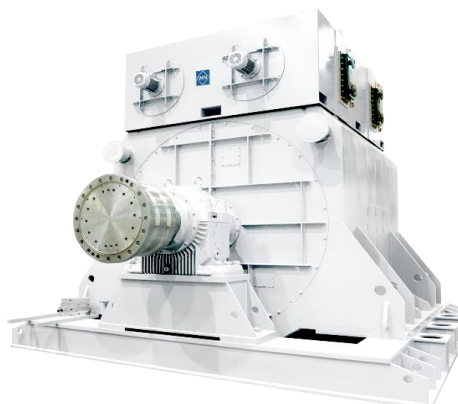
500 – 60 000 kW

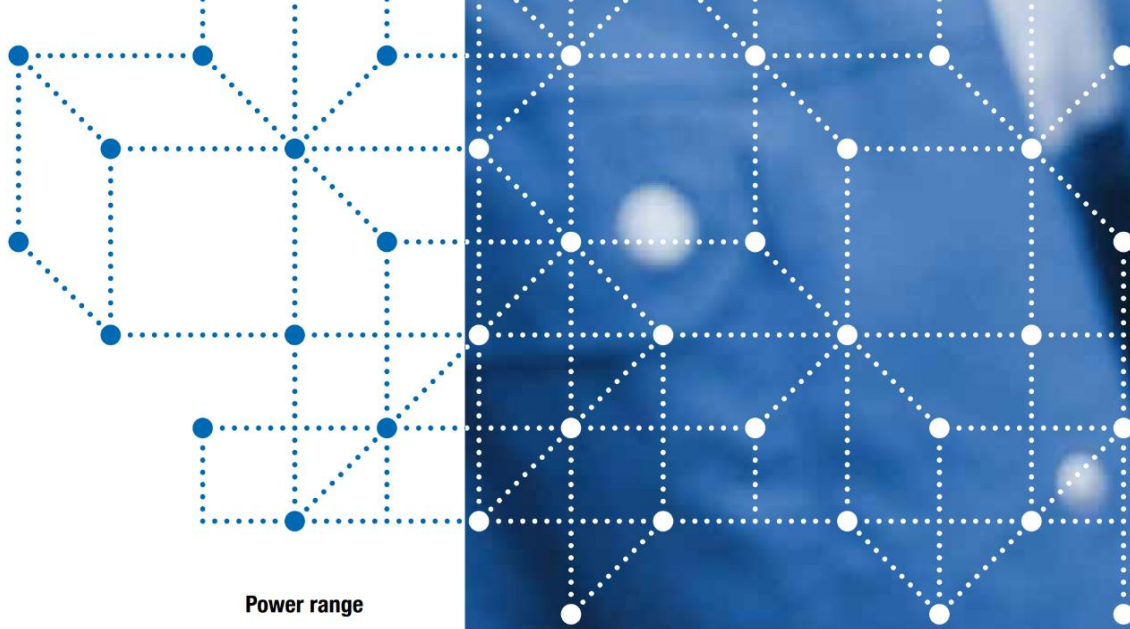
Number of poles: 4-, 6-, 8- up to 72-pole

Permanently excited synchronous motors

Number of poles: 24-, 3-2 up to 36-pole

Torque: 650 kNm





Water technology

Power range

Voltage range: 690 V to 13.8 kV

Frequencies: Mains power and converter operation

Cooling types: air-water or air-air heat exchanger, water jacket cooling also continuous ventilation with filter

Types of construction: IM B3 and IM V1 and modifications

Bearing: rolling or sliding bearing

Asynchronous motors with squirrel-cage rotor 200 – 15 000 kW

Number of poles: 2-, 4-, 6-, 8- up to 32-pole

Asynchronous motors with slip ring rotor with and without KBAV 500 – 15 000 kW

(short-circuit and brush lifting device)

Number of poles: 4-, 6-, 8- up to 16-pole

Synchronous motors with all-pole & salient pole rotor/with brushless and brush excitation 500 – 60 000 kW

Number of poles: 4-, 6-, 8- up to 36-pole

Permanently excited synchronous motors

Number of poles: 24-, 32- up to 36-pole

Torque: 650 kNm

Renewable energies

Power range

Wind power

Cooling types: air-water or air-air heat exchanger, water jacket cooling

Frequencies: 50/60 Hz or for converter operation

Asynchronous generators with squirrel-cage or slip ring rotor (DFIG) 1 500 – 7 000 kVA

Voltage range: 690 V to 6.6 kV

Synchronous generator 1 500 – 7 000 kVA

Voltage range: 690 V to 13.8 kV

Permanently excited synchronous generators 1 500 – 5 000 kVA

Voltage range: 690 V to 10.0 kV

Generators for hydro power plants on request





Shipbuilding

Power range

Asynchronous motors with squirrel-cage rotor for special and auxiliary drives

500 – 5 000 kW

Voltage range: 400 V to 11 000 V

Frequencies: 50/60 Hz or for converter operation

Number of poles: 4-pole to 12-pole

Cooling types: air-water heat exchanger

Synchronous generators with all-pole or salient pole rotor, brushless or with slip ring

500 – 30 000 kVA

Voltage range: 400 V to 11 000 V

Number of poles: 4-pole to 14-pole

Cooling types: air-water heat exchanger

Shaft generators (slow running)

480 – 10 000 kVA/480 – 10 000 kW

Voltage range: 400 V to 6 600 V

Frequencies: 7 Hz ... 10 Hz ... 20 Hz (at the converter)

Number of poles: 16-pole (24-pole on request)

Asynchronous motors with squirrel-cage rotor as thruster or lateral thruster drives

500 – 5 000 kW

Voltage range: 400 V to 11 000 V

Frequencies: 50/60 Hz or for converter operation

Number of poles: 4-, 6- or 8-pole

Asynchronous motors with squirrel-cage rotor for propulsion drive

500 – 15 000 kW

Voltage range: 400 V to 11 000 V for direct drive and 500 V to 4 500 V for converter operation

Number of poles: 4-pole to 24-pole

Synchronous motors for propulsion drive

5 000 – 30 000 kW

Voltage range: 690 V to 6 600 V for converter operation

Number of poles: 16-pole (6-pole to 24-pole on request)

Traffic engineering

Power range

Traction drives for rail vehicles, electrically driven buses and special vehicles

Three-phase asynchronous traction motors (monorails) up to 125 kW

Three-phase asynchronous traction motors (trams) up to 130 kW

Three-phase asynchronous traction motors (suburban and underground railways) up to 250 kW

Three-phase asynchronous traction motors (multiple units, electric) up to 750 kW

Three-phase asynchronous traction motors (locomotives) up to 1 800 kW

Three-phase asynchronous traction motors (trolley and hybrid buses) up to 250 kW

Three-phase synchronous traction generators (rail vehicles) up to 3 000 kVA

Three-phase asynchronous traction motors (rail vehicles) up to 3 000 kW

Three-phase synchronous PM traction generators (rail vehicles) up to 3 000 kVA

Three-phase synchronous on-board generators (rail vehicles) up to 300 kVA

Three-phase synchronous traction generators (mining trucks) up to 4 000 kVA

List of Projects

Asynchronous motors with squirrel-cage rotor

Power range: 200 - 32.000 kW

Number of poles: (2-, 4-, 6-, 8 up to 28-pole

Voltage range: 690 V to 13.8 kV

Frequencies: Mains power and converter operation

Cooling types: air- water or air-air heat exchanger,
special design or water-jacket cooling



type / Typ	power / Leistung	customer / Besteller project driven equipment	quantity / Anzahl	country / Land	year / Jahr
DKSAB 5027-6U	1.550,0 kW · 1.382,0 min-1 10.710 Nm 670 V	SEEZ Motor Co. Sirjan Iranian Steel - SEEZ Mo High-Pressure Grinding Roll	1	Iran	4 / 2021
DKSYX 2542-12V	7.010,0 kW · 180,0 min-1 371.900 Nm 3.150 V	Siemens Industry Inc. Buenavista Zinc - Siemens Ind. Mill	3	Mexico	3-4 / 2021
DKMAB 5023-6U	600,0 kW · 455,0 min-1 12.590 Nm 440 V	Achenbach Buschhütten GmbH & Co. KG Kanpur FFM1 - Achenbach Buschh Drive Mill Single	1	India	5 / 2020
DKSAK 6331-6WF	2.000,0 kW · 997,0 min-1 19.160 Nm 6.300 V	Lausitz Energie AG LEAG Ersatzmotor - LEAG Conveyor	1	Germany	5 / 2019
DKSAB 4519-4U	880,0 kW · 1.493,0 min-1 5.629 Nm 690 V	HeidelbergCement AG Schelklingen Heidelberg Cement Kiln	6	Germany	2018 - 2017
DKBPK 8033-8V	4.500,0 kW · 747,0 min-1 57.530 Nm 6.000 V	TLT-Turbo GmbH Petrikowski - TLT Turbo GmbH Fan	2	Belarus	10 / 2017
DKSJP 7132-6V	2.650,0 kW · 997,0 min-1 25.380 Nm 6.600 V	Ingeteam Power Technology, S.A Gökirmak Copper Turkey-Ingetea Mill	1	Turkey	9 / 2017
DKRJK 8025-4V	5.800,0 kW · 1.495,0 min-1 37.050 Nm 3.050 V	FLSmidth MAAG Gear Sp.z o.o. Max-6000 Shah Cement-FLSmidth Mill	3	Bangladesh	6 / 2017
DKSAB 5018-6U	1.020,0 kW · 995,0 min-1 9.789 Nm 690 V	F.L.Smith A/S Tan Thang - FLSmidth A/S Mill	1	Vietnam	4 / 2017
DKSAK 7136-6V	4.400,0 kW · 1.000,0 min-1 42.020 Nm 6.000 V	Ingeteam Power Technology, S.A Outotec - Polymetal Russia Mill	2	Russia	3 / 2017
DKSAB 5018-8U	500,0 kW · 814,0 min-1 5.866 Nm 690 V	Maple Leaf Cement Factory Ltd Ofenantrieb Maple Leaf Kiln	1	Pakistan	10 / 2016
DKSAB 5027-6U	1.550,0 kW · 1.382,0 min-1 10.710 Nm 670 V	VEM transresch GmbH Sisco - VEM transrech GmbH P-1 High-Pressure Grinding Roll	2	Iran	6 / 2016
DKSAB 5027-6U	1.290,0 kW · 830,0 min-1 14.840 Nm 660 V	VEM transresch GmbH Butla VEM transrech GmbH P-817 High-Pressure Grinding Roll	2	China	4 / 2016
DKVAB 4537-4UN	850,0 kW · 1.492,0 min-1 5.440 Nm 690 V	Üstyapi Insaat ve Madencilik A.S. Kavcim - Üstyapi Insaat Fan	1	Turkey	7 / 2015
DKSAK 6331-6WF	2.000,0 kW · 997,0 min-1 19.160 Nm 6.300 V	Rockwell Automation Welzow Süd - Rockwell Automati Conveyor	3	Germany	6 / 2012

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DKRAF 8036-6V	4.760,0 kW · 996,0 min-1 45.640 Nm 4.160 V	F.L.Smidth A/S Proletariy - FL Smidth A/S Fan	1	Russia	3 / 2012
DKKAJ 4516-4WF	1.100,0 kW · 1.491,0 min-1 7.045 Nm 6.300 V	Luca Bau GmbH-Perfaqesia Kosove Kosovo - Luca Bau Mill	4		2010 - 2011
DKSAB 4519-6U	750,0 kW · 994,0 min-1 7.205 Nm 690 V	VEM motors GmbH VEM motors GmbH Mill	1		3 / 2011
DKRAU 5023-6WF	830,0 kW · 989,0 min-1 8.014 Nm 11.000 V	Lafarge Emirates Cement LLC EMCC - Emirates Cement LLC Fan	1		8 / 2010
DKSAB 5023-8U	648,0 kW · 777,0 min-1 7.964 Nm 690 V	F.L.Smidth A/S AUCC Ersatzmotoren/DKSAB 5023- Kiln	1		6 / 2010
DKSAK 6331-6WF	2.000,0 kW · 997,0 min-1 19.160 Nm 6.300 V	Rockwell Automation Welzow Süd - Rockwell Conveyor	11		2009 - 2010
DKRNS 5018-6WF	560,0 kW · 990,0 min-1 5.402 Nm 10.000 V	Lausitz Energie Kraftwerke AG Boxberg - Vattenfall Cottbus Conveyor	1		4 / 2010
DKRAU 5018-4WF	560,0 kW · 1.496,0 min-1 3.575 Nm 10.000 V	VATTENFALL EUROPE GENERATION AG Vattenfall Mill	1		4 / 2010
DKSSF 9036-4V	6.820,0 kW · 1.494,0 min-1 43.590 Nm 4.160 V	Siemens AG Automation and Drives West Ethylene Pipeline - Sieme Compressor	3		9 / 2009
DKRAQ 5621-4WF	1.250,0 kW · 1.492,0 min-1 8.000 Nm 6.300 V	Maritza East III Power Company AD Maritza East III Mill	1		6 / 2009
DKRGS 5627-4WE	2.100,0 kW · 1.493,0 min-1 13.430 Nm 10.000 V	Paul Wurth S.A. NLMK 3+4+5 Lipetzki - Paul Wurt Compressor	6		2008 - 2009
DKRAN 5018-6WF	800,0 kW · 993,0 min-1 7.693 Nm 6.000 V	Paul Wurth S.A. NLMK 6+7 - Paul Wurth Mill	2		2 / 2009
DKSAB 5018-4U	650,0 kW · 1.232,0 min-1 5.038 Nm 690 V	F.L.Smidth A/S AL Takamol - FLS Fan	1		2 / 2009
KV2R 355 MX4	270,0 kW · Nm 660 V	ThyssenKrupp Industrial Kirefa KL - Polysius Fan	1		9 / 2008
KV2R 355 MX4	240,0 kW · 1.485,0 min-1 1.543 Nm 660 V	ThyssenKrupp Industrial Kirefa KL - Polysius Kiln	3		9 / 2008
KV2R 355 MX4	253,0 kW · 1.485,0 min-1 1.627 Nm 660 V	ThyssenKrupp Industrial Kirefa KL - Polysius Fan	2		9 / 2008
DKRNS 5018-6WF	560,0 kW · 990,0 min-1 5.402 Nm 10.000 V	VEM motors GmbH Boxberg - VEM motors Conveyor	2		8 / 2008
DKRNJ 4516-6	450,0 kW · 993,0 min-1 4.327 Nm 6.000 V	F.L.Smidth A/S Kokshe - FLS Mill	1		3 / 2008
DKRAN 4516-6WF	450,0 kW · 994,0 min-1 4.323 Nm 6.000 V	Paul Wurth S.A. NLMK 3+4+5 Lipetzki - Paul Wurt Mill	2		3 / 2008
DKRAS 4516-4WF	550,0 kW · 1.493,0 min-1 3.518 Nm 10.000 V	ThyssenKrupp Resource Technologies Ersatz Elbistan ThyssenKrupp Conveyor	1		11 / 2007

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DKRAS 4018-4WF	400,0 kW · 1.488,0 min-1 2.567 Nm 10.000 V	ThyssenKrupp Resource Technologies Ersatz Elbistan ThyssenKrupp Conveyor	1	11 / 2007
DKRAS 4015-4WF	315,0 kW · 1.488,0 min-1 2.022 Nm 10.000 V	ThyssenKrupp Resource Technologies Ersatz Elbistan ThyssenKrupp Conveyor	1	11 / 2007

Asynchronous motors with slip-ring rotor

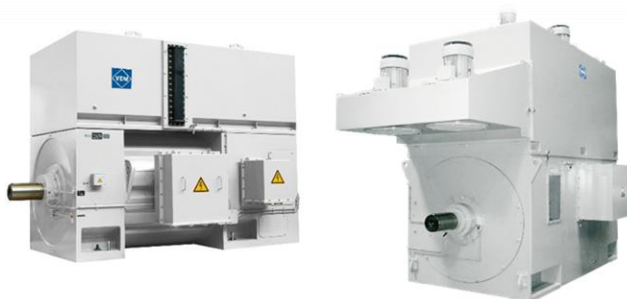
Power range: 250 - 15.000 kW

Number of poles: 4-, 6-, 8 up to 16-pole

Voltage range: 2 kV to 13.8 kV

Frequencies: 50 Hz to 60 Hz, with or without brush-lifting device

Cooling types: air- water or air-air heat exchanger,



type / Typ	power / Leistung	customer / Besteller project driven equipment	quantity / Anzahl	country / Land	year / Jahr
DSRAJ 5627-6WF	1.400,0 kW · 992,0 min-1 13.480 Nm 6.000 V	VEM motors Asia Pte. Ltd. Cam Pha Cement - VEM motors As Fan	1	Vietnam	4 / 2021
DSRAS 7136-6WG	4.400,0 kW · 993,0 min-1 42.310 Nm 10.000 V	Acacia Maden isletmeleri Acacia Maden Spare Motor - Aca Mill	1	Turkey	3 / 2021
DSRAS 8046-6WF	6.400,0 kW · 995,0 min-1 61.420 Nm 11.000 V	Intercem Cement AG Cimco SA, Lome Togo - Intercem Mill	1	Togo	2 / 2021
DSRAM 7124-8WF	1.950,0 kW · 893,0 min-1 20.850 Nm 6.000 V	F.L.Smidth A/S Cementos Santiago S.A. - Kuba Mill	1	Cuba	2019 - 2021
DSRAM 7142-8WG	4.600,0 kW · 893,0 min-1 49.190 Nm 6.000 V	F.L.Smidth A/S Cementos Santiago S.A. - Kuba Cement Mill	1	Cuba	2019 - 2021
DSRAQ 6329-6WF	2.000,0 kW · 994,0 min-1 19.210 Nm 6.300 V	VEM motors Asia Pte. Ltd. Spare motors Linie 2 - Xuan Th Crusher	1	Vietnam	2020 - 2021
DSRAJ 5023-6WF	710,0 kW · 989,0 min-1 6.855 Nm 6.000 V	CEMEX Ost Zement GmbH Zementwerk Rüdersdorf - Cemex Mill	1	Germany	10 / 2020
DSRAN 8037-6WF	5.600,0 kW · 995,0 min-1 53.740 Nm 6.300 V	CMS Cement Industries Sdn. Bhd Macem/CMS Malaysia - CMS Cemen Mill	1	Malaysia	8 / 2020
DSKAS 7132-6WF	3.100,0 kW · 994,0 min-1 29.780 Nm 10.000 V	OOO SZEMO Tominskoye - OOO Szemo Mill	1	Russia	8 / 2020
DSSAJ 4519-4WF	630,0 kW · 1.482,0 min-1 4.059 Nm 6.000 V	TAKRAF GmbH Ersatzmotor - TAKRAF Conveyor	1	Russia	7 / 2020
DSRAN 7132-6WG	3.800,0 kW · 992,0 min-1 36.580 Nm 6.300 V	VEM motors Asia Pte. Ltd. Spare motors Linie 2 - Xuan Th Mill	1	Vietnam	6 / 2020
DSRAJ 6323-6WF	1.600,0 kW · 993,0 min-1 15.390 Nm 6.300 V	Dyckerhoff GmbH Korkino Dyckerhoff GmbH Mill	2	Russia	2016 - 2020
DSRCJ 5621-6WF	900,0 kW · 990,0 min-1 8.681 Nm 6.000 V	MIBRAG mbH Mibrag Motor DSRCJ 5621-6WF -M Conveyor	3	Germany	2017 - 2019

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DSRAP 6335-6WG	3.900,0 kW · 1.192,0 min-1 31.240 Nm 6.600 V	Loesche GmbH Pangasinan Line A RM - Loesche Mill	1	Philippines	10 / 2019
DSRAJ 7132-6WF	2.800,0 kW · 993,0 min-1 26.930 Nm 6.000 V	PEACE TRADING AND INVESTMENT Spare motor - Hoa Binh Mill	1	Vietnam	9 / 2019
DSRAM 7124-8WF	2.370,0 kW · 894,0 min-1 25.320 Nm 6.000 V	F.L.Smidth A/S Cementos de Nuevitas - Kuba FL Mill	1	Cuba	9 / 2019
DBKAN 6335-6WG	3.500,0 kW · 992,0 min-1 33.690 Nm 6.300 V	RENK AG Bestway Cement Karachi - Renk Mill	1	Pakistan	7 / 2019
DSRAN 7142-6WG	4.900,0 kW · 993,0 min-1 47.120 Nm 6.300 V	F.L.Smidth A/S Spare motor D.G. Khan Khaipur Mühlen	1	Pakistan	6 / 2019
DSRAN 6338-6WG	3.200,0 kW · 993,0 min-1 30.770 Nm 6.300 V	Christian Pfeiffer CP Projekt 77964545 - Christia Mill	2	Turkey	4 / 2019
DSRAF 5018-4WF	933,0 kW · 1.785,0 min-1 4.991 Nm 4.160 V	ACESA-Drives, S.A. DE C.V. Crusher für GCC - Acesa-Drives Crusher	1	Mexico	1 / 2019
DSSAT 9036-8WF	5.250,0 kW · 896,0 min-1 55.950 Nm 13.800 V	Siemens Industry Inc. Fekola Gold Siemens Industry I Mill	4	Mali	2016 - 2018
DSKAS 7132-6WF	2.800,0 kW · 994,0 min-1 26.900 Nm 11.000 V	ARABIAN CEMENT INDUSTRY L.L.C. Spare Motor - Arabian Cement I Mill	1	United Arab Emirates	10 / 2018
DSKAS 7132-6WF	3.100,0 kW · 994,0 min-1 29.780 Nm 10.000 V	VEM motors Finland Oy Outotec Tominskoye-VEM Finnlan Mill	3	Russia	2015 - 2018
DSRAJ 7129-6WG	3.900,0 kW · 992,0 min-1 37.540 Nm 6.000 V	Christian Pfeiffer CP Projekt:77964300 - Christia Mill	1	Ukraine	7 / 2018
DSRNN 6323-6WF	1.600,0 kW · 993,0 min-1 15.390 Nm 6.600 V	Nouvelle Cimenterie Du Benin Spare motor-Nouvelle Cimenterie Mill	1	Benin	5 / 2018
DSRAJ 8037-6WF	6.200,0 kW · 994,0 min-1 59.560 Nm 6.000 V	Loesche GmbH P12781/HOANG THACH CL-Loesche Mill	1	Vietnam	3 / 2018
DSRAQ 6323-6WF	1.500,0 kW · 994,0 min-1 14.410 Nm 6.300 V	F.L.Smidth A/S Power Cement (Pakistan) - FLSm Crusher	1	Vietnam	2 / 2018
DSRAN 7146-8WG	4.500,0 kW · 744,0 min-1 57.760 Nm 6.300 V	F.L.Smidth A/S Power Cement (Pakistan) - FLSm Fan	1	Pakistan	2 / 2018
DSRAN 7138-6WG	4.800,0 kW · 992,0 min-1 46.210 Nm 6.300 V	F.L.Smidth A/S Power Cement (Pakistan) - FLSm Mill	1	Pakistan	2 / 2018
DSRAN 7138-6WG	4.600,0 kW · 993,0 min-1 44.240 Nm 6.300 V	F.L.Smidth A/S Power Cement (Pakistan) - FLSm Cement Mill	2	Pakistan	2 / 2018
DSSAN 7142-6WG	4.600,0 kW · 994,0 min-1 44.190 Nm 6.300 V	Maple Leaf Cement Factory Ltd Maple Leaf-23049 GCD - Maple L Mill	1	Pakistan	1 / 2018
DSRAL 5627-6WF	1.400,0 kW · 991,0 min-1 13.490 Nm 6.000 V	F.L.Smidth A/S Sebryakov 7(Russland) FLSmidth Crusher	1	Russia	12 / 2017
DSRAJ 5621-6WF	900,0 kW · 992,0 min-1 8.664 Nm 6.000 V	FLSMIDTH INC. Fancesa - FLS Crusher	1	Bolivia	12 / 2017

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DSRAJ 6323-6WF	1.600,0 kW · 993,0 min-1 15.390 Nm 6.000 V	FLSMIDTH INC. Fancesa - FLS Mill	1	Bolivia	11 / 2017
DSRAJ 6323-6WF	1.500,0 kW · 993,0 min-1 14.420 Nm 6.000 V	FLSMIDTH INC. Fancesa - FLS Fan	1	Bolivia	11 / 2017
DSRAJ 7122-6WF	2.350,0 kW · 993,0 min-1 22.600 Nm 6.000 V	FLSMIDTH INC. Fancesa - FLS Mill	1	Bolivia	11 / 2017
DSRAJ 6323-6WF	1.450,0 kW · 994,0 min-1 13.930 Nm 6.000 V	FLSMIDTH INC. Fancesa - FLS Fan	1	Bolivia	11 / 2017
DSSAS 8030-6WF	3.740,0 kW · 994,0 min-1 35.930 Nm 11.000 V	PT Indocement Tunggal Prakarsa Tbk. Spare Motor CO60135 - PT Indoc Mill	1	Indonesia	11 / 2017
DSSAS 8046-6WF	5.600,0 kW · 995,0 min-1 53.740 Nm 11.000 V	PT Indocement Tunggal Prakarsa Tbk. Spare Motor CO60136 - PT Indoc Mill	1	Indonesia	11 / 2017
DSRAJ 6327-6WG	2.400,0 kW · 992,0 min-1 23.100 Nm 6.000 V	HeidelbergCement AG Burglengenfeld Heidelberg Ceme Mill	2	Germany	10 / 2017
DSSAN 7129-6WG	3.750,0 kW · 991,0 min-1 36.140 Nm 6.300 V	F.L.Smidth A/S Lucky Cement - FLSmidth Mill	1	Pakistan	8 / 2017
DSRAN 6323-6WF	1.650,0 kW · 993,0 min-1 15.870 Nm 6.300 V	F.L.Smidth A/S Lucky Cement - FLSmidth Fan	1	Pakistan	8 / 2017
DSRAJ 7146-6WG	5.200,0 kW · 993,0 min-1 50.010 Nm 6.000 V	Christian Pfeiffer Ivano - Christian Pfeiffer Mill	2	Ukraine	4-8 / 2017
DSRAS 7136-6WG	4.400,0 kW · 993,0 min-1 42.310 Nm 10.000 V	VEM motors Finland Oy Acacia Maden Turkey - VEM moto Mill	1	Turkey	8 / 2017
DSRCN 7132-6WF	2.500,0 kW · 993,0 min-1 24.040 Nm 6.300 V	BESTWAY CEMENT LIMITED Replace SPI NO.1027 - Bestway Mill	1	Pakistan	7 / 2017
DSRAN 5023-6WF	800,0 kW · 991,0 min-1 7.709 Nm 6.300 V	NORM LLC Spare Motor Norm LLC Crusher	1	Azerbaijan	5 / 2017
DSSAN 8037-6WF	4.500,0 kW · 994,0 min-1 43.230 Nm 6.300 V	NORM LLC Spare Motor Norm LLC Mill	1	Azerbaijan	5 / 2017
DSSCN 1034-8WF	6.300,0 kW · 746,0 min-1 80.640 Nm 6.300 V	NORM LLC Spare Motor Norm LLC Mill	1	Azerbaijan	5 / 2017
DSRAN 7138-8WG	3.600,0 kW · 743,0 min-1 46.270 Nm 6.300 V	F.L.Smidth A/S Tan Thang - FLSmidth A/S Fan	1	Vietnam	4 / 2017
DSRCN 7129-6WG	3.660,0 kW · 991,0 min-1 35.270 Nm 6.300 V	F.L.Smidth A/S Tan Thang - FLSmidth A/S Mill	1	Vietnam	4 / 2017
DSRAJ 7132-6WG	4.000,0 kW · 992,0 min-1 38.510 Nm 6.000 V	SSV TRADING L.P. Projekt SSV Trading LP- SSV Tr Mill	1	Kazakhstan	4 / 2017
DSRAN 7135-6WF	3.150,0 kW · 994,0 min-1 30.260 Nm 6.300 V	SPA S.P.C.C PRODUCTION ET Ersatzmotor Spa S.P.C.C. Mill	1	Algeria	1 / 2017
DSSAF 8036-6WF	4.250,0 kW · 1.195,0 min-1 33.960 Nm 4.160 V	ACESA-Drives, S.A. DE C.V. Cementos Fortaleza - Acesa-Dri Mill	1	Mexico	12 / 2016

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DSRAU 6329-6WF	1.605,0 kW · 995,0 min-1 15.400 Nm 11.000 V	F.L.Smidth A/S EL Beida (Algeria) FLSmidth A/ Crusher	1	Algeria	12 / 2016
DSRAS 8041-8WF	4.315,0 kW · 746,0 min-1 55.230 Nm 11.000 V	F.L.Smidth A/S EL Beida (Algeria) FLSmidth A/ Fan	1	Algeria	12 / 2016
DSRAS 7146-6WG	4.300,0 kW · 994,0 min-1 41.310 Nm 11.000 V	F.L.Smidth A/S EL Beida (Algeria) FLSmidth A/ Mill	1	Algeria	12 / 2016
DSRAS 6329-6WF	1.950,0 kW · 993,0 min-1 18.750 Nm 11.000 V	F.L.Smidth A/S EL Beida (Algeria) FLSmidth A/ Fan	2	Algeria	12 / 2016
DSRAS 7138-6WG	3.750,0 kW · 993,0 min-1 36.060 Nm 11.000 V	F.L.Smidth A/S EL Beida (Algeria) FLSmidth A/ Cement Mill	2	Algeria	12 / 2016
DSRAS 4018-4WF	355,0 kW · 1.485,0 min-1 2.283 Nm 11.000 V	Dangote Cement Obajan Plant Line 3 - Dangote Crusher	1	Nigeria	12 / 2016
DSRAJ 7142-6WG	5.100,0 kW · 993,0 min-1 49.040 Nm 6.300 V	Loesche GmbH Bim Son Vietnam - Lösche GmbH Mill	1	Vietnam	11 / 2016
DSSAT 9036-8WF	4.220,0 kW · 895,0 min-1 45.030 Nm 13.800 V	Technical and Industrial Services TISCO / Ersatzmotor Hail Cemen Mill	1	Saudi Arabia	10 / 2016
DSRAQ 6329-6WF	2.000,0 kW · 994,0 min-1 19.210 Nm 6.300 V	F.L.Smidth A/S Xuan Thang Cement - F.L. Smidt Crusher	1	Vietnam	9 / 2016
DSRAQ 6323-6WF	1.400,0 kW · 994,0 min-1 13.450 Nm 6.300 V	F.L.Smidth A/S Xuan Thang Cement - F.L. Smidt Crusher	1	Vietnam	9 / 2016
DSRAN 7142-8WG	4.120,0 kW · 744,0 min-1 52.880 Nm 6.300 V	F.L.Smidth A/S Xuan Thang Cement - F.L. Smidt Fan	2	Vietnam	9 / 2016
DSRAN 7132-6WG	3.800,0 kW · 992,0 min-1 36.580 Nm 6.300 V	F.L.Smidth A/S Xuan Thang Cement - F.L. Smidt Mill	2	Vietnam	9 / 2016
DSRAJ 3513-4WF	200,0 kW · 1.468,0 min-1 1.301 Nm 6.000 V	VEM Pars motors Co. Factory Ersatzmotor VEM Pars Crusher	1	Iran	6 / 2016
DSRCN 7132-6WF	2.500,0 kW · 994,0 min-1 24.020 Nm 6.600 V	LES CIMENTS DU SAHEL SA Ersatz Kirefa - LES CIMENTS DU Mill	1	Senegal	3 / 2016
DSRAS 8046-6WF	6.000,0 kW · 996,0 min-1 57.530 Nm 11.000 V	F.L.Smidth A/S Qena Coal & Cement - FLSmidth Mill	1	Egypt	2 / 2016
DSRAN 8036-6WF	3.600,0 kW · 994,0 min-1 34.580 Nm 6.300 V	VEM Pars motors Co. Factory Momtazan Cement - VEM Pars Mot Mill	1	Iran	2 / 2016
DSRCN 7132-6WF	1.600,0 kW · 994,0 min-1 15.370 Nm 6.600 V	EUROPA ABRA Sociedad Contractual Minera El Conveyor	4	Chile	2014 - 2015
DSRAU 5627-6WF	1.000,0 kW · 993,0 min-1 9.617 Nm 11.000 V	F.L.Smidth A/S Nyumba Ya Akira - FLSmidth A/S Crusher	1	Republic of the Congo	8 / 2015
DSRAN 4519-4WF	710,0 kW · 1.483,0 min-1 4.572 Nm 6.300 V	Üstypı Insaat ve Madencilik A.S. Kavcim - Üstypı Insaat Crusher	4	Turkey	7 / 2015
DSRAN 7132-6WG	4.000,0 kW · 992,0 min-1 38.510 Nm 6.300 V	Üstypı Insaat ve Madencilik A.S. Kavcim - Üstypı Insaat Mill	1	Turkey	7 / 2015

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DSRAN 5018-6WF	630,0 kW · 988,0 min-1 6.089 Nm 6.300 V	Üstyapi Insaat ve Madencilik A.S. Kavcim - Üstyapi Insaat Conveyor	1	Turkey	7 / 2015
DSRAN 6323-6WF	1.400,0 kW · 993,0 min-1 13.460 Nm 6.300 V	Üstyapi Insaat ve Madencilik A.S. Kavcim - Üstyapi Insaat Mill	5	Turkey	7 / 2015
DSRAS 8027-6WF	3.750,0 kW · 994,0 min-1 36.030 Nm 11.000 V	F.L.Smidth A/S Nyumba Ya Akira - FLSmidth A/S Mill	1	Republic of the Congo	7 / 2015
DSRAS 7127-6WF	2.160,0 kW · 994,0 min-1 20.750 Nm 11.000 V	F.L.Smidth A/S Nyumba Ya Akira - FLSmidth A/S Mill	1	Republic of the Congo	6 / 2015
DSRAJ 6323-6WF	1.700,0 kW · 993,0 min-1 16.350 Nm 6.000 V	Christian Pfeiffer Mill Motor Ivano - Chr. Pfeiff Mill	1	Russia	6 / 2015
DSRAN 8037-6WF	5.600,0 kW · 995,0 min-1 53.740 Nm 6.300 V	Siemens AG Macem/ CMS Malaysia - Siemens Mill	1	Malaysia	3 / 2015
DSRAS 5023-6WF	710,0 kW · 990,0 min-1 6.848 Nm 10.000 V	F.L.Smidth A/S TULA- FLSmidth A/S Crusher	1	Russia	2 / 2015
DSRCN 6329-6WF	2.000,0 kW · 993,0 min-1 19.230 Nm 6.000 V	ThyssenKrupp Resource Technologies Vostochny - ThyssenKrupp Conveyor	15	Kazakhstan	8-10 / 2014
DSRCN 5627-6WF	1.000,0 kW · 992,0 min-1 9.626 Nm 6.000 V	ThyssenKrupp Resource Technologies Vostochny - ThyssenKrupp Conveyor	1	Russia	8 / 2014
DSSAN 9036-10WF	4.200,0 kW · 596,0 min-1 67.290 Nm 6.300 V	ELPRO JLT Darab-Elpro JLT Mill	1	Iran	8 / 2014
DSRAS 7135-6WF	2.900,0 kW · 994,0 min-1 27.860 Nm 11.000 V	F.L.Smidth A/S Akoga - FLSmidth A/S Mill	1	Equatorial Guinea	7 / 2014
DSRAS 8030-6WF	3.750,0 kW · 994,0 min-1 36.030 Nm 11.000 V	F.L.Smidth A/S Akoga - FLSmidth A/S Mill	1	Equatorial Guinea	7 / 2014
DSRAN 8033-6WF	4.600,0 kW · 994,0 min-1 44.190 Nm 6.300 V	F.L.Smidth A/S Abyek - FLSmidth Mill	1	Iran	7 / 2014
DSRAN 6323-6WF,	1.400,0 kW · 994,0 min-1 13.450 Nm 6.600 V	ThyssenKrupp Recource Indocement - Thyssen Resource Crusher	2	Indonesia	7 / 2014
DSRAJ 8037-8WF	5.000,0 kW · 742,0 min-1 64.350 Nm 6.000 V	ZAO Metallurgkomplektoborudovanie ZAO "Metallurgkomplektoborudov Mill	2	Russia	5 / 2014
DSRAJ 8027-6WF	3.600,0 kW · 994,0 min-1 34.580 Nm 6.000 V	Christian Pfeiffer Mühlenmotor Ivano - Chr. Pfeif Mill	1	Russia	5 / 2014
DSSAU 6323-6WF	1.250,0 kW · 994,0 min-1 12.010 Nm 10.000 V	VEM motors GmbH Thyssen Krupp - VEM motors Gmb Crusher	2	Russia	4 / 2014
DSRAU 5627-6WF	955,0 kW · 994,0 min-1 9.175 Nm 11.000 V	F.L.Smidth A/S EDO Cement - FLSmidth A/S Crusher	1	Nigeria	12 / 2013
DSRAL 4018-4WF	430,0 kW · 1.483,0 min-1 2.769 Nm 6.000 V	F.L.Smidth A/S Sebryakov - F.L. Smidth A/S Crusher	2	Russia	2012 - 2013
DSSAJ 5627-6WF	1.400,0 kW · 992,0 min-1 13.480 Nm 6.000 V	F.L.Smidth A/S Ersatz Sebryakov - FL Smidth A Crusher	1	Russia	12 / 2013

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DSRNN 6323-6WF	1.600,0 kW · 993,0 min-1 15.390 Nm 6.600 V	DEG (HK) Automation DEG(HK) Automation & Drives Co Mill	1	Benin	10 / 2013
DSRAN 8036-6WF	3.600,0 kW · 994,0 min-1 34.580 Nm 6.300 V	Engineering And Services EASE Engineering and Service T Mill	1	Egypt	9 / 2013
DSRAN 9040-6WF	5.800,0 kW · 994,0 min-1 55.720 Nm 6.300 V	Elpro GmbH Ersatz Saman Gharb Mill	1	Iran	9 / 2013
DSRAN 7135-6WF	2.950,0 kW · 995,0 min-1 28.310 Nm 6.300 V	Elpro GmbH Kordestan Cement-Elpro GmbH Mill	1	Iran	7 / 2013
DSRAJ 8036-6	4.200,0 kW · 995,0 min-1 40.310 Nm 6.000 V	Gorazdze Cement S.A. Gorazdze Cement Mill	1	Poland	5 / 2013
DSRAN 5627-6WF	1.250,0 kW · 992,0 min-1 12.030 Nm 6.300 V	JSC Voskresensk cement Voskresenescement - Lafarge Ce Mill	1	Russia	5 / 2013
DSSAJ 4519-4WF	630,0 kW · 1.481,0 min-1 4.062 Nm 6.000 V	W.SCHNEIDER IMPORT/EXPORT W. Schneider Import/Export e.K Conveyor	2	Russia	3 / 2013
DSSAJ 4519-4WF	630,0 kW · 1.481,0 min-1 4.062 Nm 6.000 V	TAKRAF GmbH Ersatzmotor TAKRAF Conveyor	2	Russia	3 / 2013
DSRAJ 4015-6WF	280,0 kW · 977,0 min-1 2.737 Nm 6.000 V	OJSC "Kovdorsky GOK" OJSC "Kovdorsky GOK" Conveyor	1	Russia	2 / 2013
DSRAJ 6323-6WF	1.600,0 kW · 993,0 min-1 15.390 Nm 6.000 V	VEM motors GmbH Romcif - VEM motors Mill	1	Romania	2 / 2013
DSRAN 6323-6WF	1.300,0 kW · 993,0 min-1 12.500 Nm 6.300 V	Elpro GmbH Dashtestan Cement Co. - Elpro Crusher	1	Iran	2 / 2013
DSRAS 7135-6WF	2.900,0 kW · 994,0 min-1 27.860 Nm 10.000 V	F.L.Smidth A/S Kaluzhsky, Russland - FLS Mill	2	Russia	1 / 2013
DSRAS 8037-6WF	4.600,0 kW · 994,0 min-1 44.190 Nm 10.000 V	F.L.Smidth A/S Kaluzhsky, Russland - FLS Mill	3	Russia	1 / 2013
DSRAJ 5627-6WF	1.400,0 kW · 992,0 min-1 13.480 Nm 6.000 V	F.L.Smidth A/S Sebryakov Cement - FLS Crusher	1	Russia	12 / 2012
DSRAS 8027-6WF	3.350,0 kW · 994,0 min-1 32.180 Nm 11.000 V	F.L.Smidth A/S EDO - Cement Nigeria - FLS Mill	1	Nigeria	10 / 2012
DSRAS 1038-6WF	7.460,0 kW · 995,0 min-1 71.600 Nm 11.000 V	F.L.Smidth A/S EDO - Cement Nigeria - FLS Mill	2	Nigeria	10 / 2012
DSRAN 5627-4WF	1.250,0 kW · 1.492,0 min-1 8.000 Nm 6.600 V	CEMTEC Cement & Mining SIAM - Cemtec GmbH Mill	1	Thailand	7 / 2012
DSSAT 1044-6WF	8.000,0 kW · 1.194,0 min-1 63.980 Nm 13.800 V	Siemens AG Österreich RCC Ersatzmotor - Siemens AG L Mill	1	Saudi Arabia	6 / 2012
DSRAJ 6329-6WF	2.200,0 kW · 993,0 min-1 21.160 Nm 6.000 V	Lafarge Cement S.A. Lafarge Cement S.A. Mill	1	Poland	4 / 2012
DSRAN 7132-6WF	2.510,0 kW · 993,0 min-1 24.140 Nm 6.300 V	Elpro GmbH Bushehr - Elpro GmbH Mill	1	Iran	4 / 2012

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DSSAN 6323-6WF	1.100,0 kW · 994,0 min-1 10.570 Nm 6.300 V	Elpro GmbH Saman Gharb - ELPRO GmbH Crusher	1	Iran	3 / 2012
DSRAJ 8037-6WF	5.350,0 kW · 994,0 min-1 51.400 Nm 6.000 V	F.L.Smidth A/S Proletariy - FL Smidth A/S Mill	1	Russia	3 / 2012
DSRAJ 8030-6WF	4.600,0 kW · 993,0 min-1 44.240 Nm 6.000 V	F.L.Smidth A/S Proletariy - FL Smidth A/S Cement Mill	1	Russia	3 / 2012
DSRAL 5621-4WF	1.400,0 kW · 1.491,0 min-1 8.966 Nm 6.000 V	F.L.Smidth A/S Sebryakov - F.L. Smidth A/S Crusher	1	Russia	2 / 2012
DSRCN 7132-6WF	2.750,0 kW · 993,0 min-1 26.450 Nm 6.300 V	Elpro GmbH ZW Kordestan ELPRO Mill	1	Iran	1 / 2012
DSRCN 8031-6WF	3.280,0 kW · 995,0 min-1 31.480 Nm 6.300 V	Elpro GmbH Saman Gharb - ELPRO GmbH Mill	1	Iran	1 / 2012
DSSAJ 1044-6WF	7.600,0 kW · 995,0 min-1 72.940 Nm 6.000 V	SIEMENS AG I AC 2232 Cong Thanh - Siemens Erlangen Mill	1	Vietnam	11 / 2011
DSSAJ 1044-6WF	7.300,0 kW · 995,0 min-1 70.060 Nm 6.000 V	SIEMENS AG I AC 2232 Cong Thanh - Siemens Erlangen Cement Mill	1	Vietnam	11 / 2011
DSRAJ 6323-6WF	1.600,0 kW · 993,0 min-1 15.390 Nm 6.000 V	SIEMENS AG I AC 2232 Cong Thanh - Siemens Erlangen Coal Mill	1	Vietnam	11 / 2011
DSSAJ 1040-8WF	7.600,0 kW · 746,0 min-1 97.290 Nm 6.000 V	SIEMENS AG I AC 2232 Cong Thanh-Siemens Erlangen Fan	1	Vietnam	11 / 2011
DSRAJ 5627-6WF	1.400,0 kW · 992,0 min-1 13.480 Nm 6.000 V	SIEMENS AG I AC 2232 Cong Thanh-Siemens Erlangen Coal Mill	1	Vietnam	11 / 2011
DSRAL 7122-6WF	2.200,0 kW · 993,0 min-1 21.160 Nm 6.000 V	SIEMENS AG I AC 2232 Cong Thanh-Siemens Erlangen Crusher	1	Vietnam	11 / 2011
DSSAJ 9040-6WF	6.500,0 kW · 995,0 min-1 62.380 Nm 6.000 V	Christian Pfeiffer Mordow III - Christian Pfeiffe Mill	2	Russia	10 / 2011
DSRCN 7132-6WF	1.600,0 kW · 994,0 min-1 15.370 Nm 6.600 V	EUROPA ABRA EL ABRA Conveyor	3		2007 - 2011
DSRAS 1038-6WF	6.750,0 kW · 994,0 min-1 64.850 Nm 11.000 V	Lafarge Emirates Cement LLC EMCC - Emirates Cement LLC Fan	1		3 / 2011
DSRAS 9040-6WF	6.060,0 kW · 994,0 min-1 58.220 Nm 11.000 V	Lafarge Emirates Cement LLC EMCC - Emirates Cement LLC Mill	1		3 / 2011
DSRAS 1038-6WF	7.675,0 kW · 995,0 min-1 73.660 Nm 11.000 V	Lafarge Emirates Cement LLC EMCC - Emirates Cement LLC Mill	1		3 / 2011
DSSAJ 4519-4WF	630,0 kW · 1.481,0 min-1 4.062 Nm 6.000 V	W.SCHNEIDER IMPORT/EXPORT Ersatzmaschine - W. Schneider Conveyor	3		2010 - 2011
DSEAJ 4519-8WF	450,0 kW · 740,0 min-1 5.807 Nm 6.000 V	VATTENFALL EUROPE Mining AG Schwarze Pumpe - Vattenfall Mi Hoist	3		2 / 2011
DSRAL 6323-6WF	1.400,0 kW · 994,0 min-1 13.450 Nm 6.000 V	F.L.Smidth A/S Ersatz AUCCI I - FLS Crusher	2		2010 - 2011

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DSRAJ 7122-6WF	2.200,0 kW · 994,0 min-1 21.140 Nm 6.000 V	F.L.Smidth A/S Nalout - FLS Mill	1	2 / 2011
DSRAJ 9034-6WF	5.000,0 kW · Nm 6.000 V	F.L.Smidth A/S Nalout - FLS Cement Mill	2	2 / 2011
DSRAJ 6323-6WF	1.600,0 kW · 993,0 min-1 15.390 Nm 6.300 V	ITC GmbH Ersatz Uralcement - ITC Alfeld Mill	1	2 / 2011
DSRAJ 5627-6WF	1.400,0 kW · 992,0 min-1 13.480 Nm 6.000 V	F.L.Smidth A/S Sebryakov - FLS Crusher	1	12 / 2010
DSRAJ 7122-6WF	2.350,0 kW · 993,0 min-1 22.600 Nm 6.000 V	F.L.Smidth A/S Zlatna - FLS Mill	1	11 / 2010
DSRAJ 8036-6WF	4.200,0 kW · 995,0 min-1 40.310 Nm 6.000 V	Christian Pfeiffer Gorazdze - CPB Conveyor	2	11 / 2010
DSRAJ 3513-4WF	200,0 kW · 1.468,0 min-1 1.301 Nm 6.000 V	DR.PETER WALLNER DANUBIAN Dr. Peter Wallner Daubian Crusher	1	10 / 2010
DSRAU 5627-6WF	1.120,0 kW · 992,0 min-1 10.780 Nm 11.000 V	Lafarge Emirates Cement LLC EMCC - Emirates Cement LLC Crusher	1	8 / 2010
DSSAN 6323-6WF	1.400,0 kW · 993,0 min-1 13.460 Nm 6.300 V	CIMKO CIMENTO VE BETON SANAYI Ersatzmotor - Cimko Cimento Crusher	1	8 / 2010
DSRAE 6329-6WF	2.000,0 kW · 994,0 min-1 19.210 Nm 5.500 V	CIMENTS DU MAROC Marocco - Italcementi Mill	1	7 / 2010
DSRAJ 7127-6WF	2.200,0 kW · 993,0 min-1 21.160 Nm 6.000 V	F.L.Smidth A/S Ersatz AUCCI I - FLS Mill	1	5 / 2010
DSSAN 7132-6WF	2.700,0 kW · 992,0 min-1 25.990 Nm 6.600 V	CIMENT OF MAURITANIA Ciment de Mauritanie SA Mill	1	5 / 2010
DSRCS 8036-6WF	3.500,0 kW · 995,0 min-1 33.590 Nm 11.000 V	ThyssenKrupp Industrial KRIMFA - Polysius Mill	2	1-4 / 2010
DSRAS 9040-6WF	6.800,0 kW · 994,0 min-1 65.330 Nm 11.000 V	ThyssenKrupp Industrial KRIMFA - Polysius Mill	4	1-4 / 2010
DSSAJ 9034-6WF	4.720,0 kW · 994,0 min-1 45.340 Nm 6.000 V	F.L.Smidth A/S Ersatz AUCCI I - FLS Mill	1	4 / 2010
DSRCJ 7122-6WF	1.600,0 kW · 993,0 min-1 15.390 Nm 6.000 V	VATTENFALL EUROPE Mining AG Schwarze Pumpe - Vattenfall Conveyor	1	4 / 2010
DSRCN 7135-6WF	3.200,0 kW · 993,0 min-1 30.770 Nm 6.600 V	ThyssenKrupp Industrial Ha Tien - Polysius Mill	1	2 / 2010
DSRNN 5023-6WF	750,0 kW · 991,0 min-1 7.227 Nm 6.600 V	ThyssenKrupp Industrial Ha Tien - Polysius Mill	1	2 / 2010
DSRAU 6329-6WF	1.600,0 kW · 994,0 min-1 15.370 Nm 11.000 V	F.L.Smidth A/S Sumbe/Angola - FLS Crusher	1	2 / 2010
DSRAU 4519-6WF	355,0 kW · 989,0 min-1 3.428 Nm 11.000 V	F.L.Smidth A/S Sumbe/Angola - FLS Crusher	1	2 / 2010

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DSRAS 7135-6WF	2.900,0 kW · 993,0 min-1 27.890 Nm 11.000 V	F.L.Smidth A/S Sumbe/Angola - FLS Mill	1	2 / 2010
DSRAS 7127-6WF	2.300,0 kW · 994,0 min-1 22.100 Nm 11.000 V	F.L.Smidth A/S Sumbe/Angola - FLS Fan	1	2 / 2010
DSRAS 8036-6WF	4.100,0 kW · 995,0 min-1 39.350 Nm 11.000 V	F.L.Smidth A/S Sumbe/Angola - FLS Cement Mill	2	2 / 2010
DSRAJ 4018-6WF	315,0 kW · 981,0 min-1 3.066 Nm 6.000 V	ABB Automation GmbH BAGGER SchRs1200 TROJANOWO Conveyor	5	1 / 2010
DSRAU 5621-6WF	900,0 kW · 992,0 min-1 8.664 Nm 11.000 V	ThyssenKrupp Industrial KRIMFA - Polysius Crusher	2	1 / 2010
DSRAU 7127-6WF	2.000,0 kW · 993,0 min-1 19.230 Nm 10.000 V	F.L.Smidth A/S Akbulak-FLS Crusher	2	12 / 2009
DSRAL 6329-6WF	2.000,0 kW · 993,0 min-1 19.230 Nm 6.000 V	F.L.Smidth A/S Volyn-FLS Crusher	2	12 / 2009
DSRAL 6323-6WF-storniert	1.400,0 kW · 994,0 min-1 13.450 Nm 6.000 V	ThyssenKrupp Industrial UGFA - Polysius - Stornierungs Crusher	1	10 / 2009
DSRCJ 7135-6WF-storniert	2.850,0 kW · 994,0 min-1 27.380 Nm 6.000 V	ThyssenKrupp Industrial UGFA - Polysius - Stornierungs Mill	1	10 / 2009
DSSAJ 8036-6WF-storniert	4.450,0 kW · 994,0 min-1 42.750 Nm 6.000 V	ThyssenKrupp Industrial UGFA - Polysius - Stornierungs Mill	2	10 / 2009
DSRAJ 5018-6WF	710,0 kW · 988,0 min-1 6.862 Nm 6.000 V	TAKRAF GmbH TAKRAF Conveyor	4	10 / 2009
DSRAS 6329-6WF	2.000,0 kW · 994,0 min-1 19.210 Nm 10.000 V	F.L.Smidth A/S Podgorensky - FLS Crusher	3	3-8 / 2009
DSRAU 4516-6WF	315,0 kW · 987,0 min-1 3.048 Nm 10.000 V	F.L.Smidth A/S Kursk - FLS Crusher	1	8 / 2009
DSRAS 9034-6WF	4.400,0 kW · 995,0 min-1 42.230 Nm 10.000 V	F.L.Smidth A/S Kursk - FLS Mill	2	8 / 2009
DSRCS 7127-6WF	2.000,0 kW · 993,0 min-1 19.230 Nm 10.000 V	PJSC Sukholozhskcement PJSC Sukholozhstocement Mill	4	6 / 2009
DSRAJ 9034-6WF	5.300,0 kW · 994,0 min-1 50.920 Nm 6.000 V	Siemens AG Automation and Drives CBMI Titan Albania- Siemens Nb Mill	1	4 / 2009
DSRAS 1038-6WF	7.000,0 kW · 995,0 min-1 67.180 Nm 10.000 V	F.L.Smidth A/S Podgorensky - FLS Mill	2	4 / 2009
DSRAE 6323-6WF	1.750,0 kW · 994,0 min-1 16.810 Nm 5.000 V	ITALCEMENTI S.p.A. Matera Cement Plant Mill	2	3 / 2009
DSRCS 5627-6WF	1.320,0 kW · 992,0 min-1 12.710 Nm 10.000 V	F.L.Smidth A/S Podgorensky - FLS Conveyor	1	3 / 2009
DSSAJ 9040-6WF	6.500,0 kW · 995,0 min-1 62.380 Nm 6.000 V	Christian Pfeiffer Cemtex - Christian Pfeiffer Mill	3	3 / 2009

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DSRAN 4516-6WF	440,0 kW · 983,0 min-1 4.274 Nm 6.300 V	F.L.Smith A/S AL Takamol - FLS Fan, M ⁿ 2, min 25% Anlaufmom.	2	2 / 2009
DSRAQ 5627-6WF	1.180,0 kW · 993,0 min-1 11.350 Nm 6.300 V	F.L.Smith A/S AL Takamol - FLS Crusher	1	2 / 2009
DSSEJ 1047-10WE	6.800,0 kW · 596,0 min-1 109.000 Nm 6.000 V	VAN VIET Industry Equipment & Technology Hoang Tach - VAVITIC Mill	1	2 / 2009
DSSAJ 4519-4WF	630,0 kW · 1.481,0 min-1 4.062 Nm 6.000 V	OOO" NPO Technika OOO NPO Technika Conveyor	1	1 / 2009
DSSCJ 4519-4WF	630,0 kW · 1.481,0 min-1 4.062 Nm 6.000 V	OOO" NPO Technika OOO NPO Technika Conveyor	2	1 / 2009
DSRAN 7132-6WF	2.380,0 kW · 994,0 min-1 22.860 Nm 6.300 V	F.L.Smith A/S AL Takamol - FLS Mill	1	1 / 2009
DSRAN 8031-6WF	2.900,0 kW · 994,0 min-1 27.860 Nm 6.300 V	F.L.Smith A/S AL Takamol - FLS Fan	1	1 / 2009
DSRAN 9034-6WF	4.720,0 kW · 995,0 min-1 45.300 Nm 6.300 V	F.L.Smith A/S AL Takamol - FLS Conveyor	2	1 / 2009
DSRAE 6329-6WF	2.000,0 kW · 994,0 min-1 19.210 Nm 5.500 V	ThyssenKrupp Recource Thyssen Krupp Ennigerloh Mill	1	1 / 2009
DSRAU 7127-6WF	2.250,0 kW · 993,0 min-1 21.640 Nm 11.000 V	F.L.Smith A/S Aleppo - FLS Crusher	1	9 / 2008
DSRAU 6323-6WF	1.120,0 kW · 994,0 min-1 10.760 Nm 11.000 V	F.L.Smith A/S Aleppo - FLS Crusher	1	9 / 2008
DSRCN 7132-6WF	2.500,0 kW · 993,0 min-1 24.040 Nm 6.600 V	ThyssenKrupp Industrial Kirefa SL - Polysius Mill	1	9 / 2008
DSSCN 8031-6WF	3.500,0 kW · 994,0 min-1 33.620 Nm 6.600 V	ThyssenKrupp Industrial Kirefa SL - Polysius Mill	3	9 / 2008
DSSAS 5621-6WF	850,0 kW · 993,0 min-1 8.174 Nm 11.000 V	Siemens AG Orascom - Siemens Erl. Crusher	2	8 / 2008
DSSAS 9034-6WF	4.900,0 kW · 995,0 min-1 47.030 Nm 11.000 V	Siemens AG Orascom - Siemens Erl. Mill	1	8 / 2008
DSSAS 9040-6WF	5.300,0 kW · 994,0 min-1 50.920 Nm 11.000 V	Siemens AG Orascom - Siemens Erl. Mill	2	8 / 2008
DSRAS 9034-6WF	4.800,0 kW · 995,0 min-1 46.070 Nm 11.000 V	F.L.Smith A/S Aleppo - FLS Mill	1	6 / 2008
DSRAS 9034-6WF	4.600,0 kW · 995,0 min-1 44.150 Nm 11.000 V	F.L.Smith A/S Aleppo - FLS Mill	2	6 / 2008
DSSCJ 9036-12WF	3.200,0 kW · 497,0 min-1 61.480 Nm 6.300 V	JSC Voskresensk cement Voskresensk Cement JSC Mill	1	3 / 2008
DSRAJ 6323-6WF	1.600,0 kW · 993,0 min-1 15.390 Nm 6.300 V	JSC Uralcement package 2 - Uralcement - Mill	2	3 / 2008

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DSRAJ 5627-6WF	1.250,0 kW · 992,0 min-1 12.030 Nm 6.300 V	JSC Voskresenskement package 3 - Voskresensk - Mill	2	3 / 2008
DSRAL 5023-6	660,0 kW · 991,0 min-1 6.360 Nm 6.000 V	F.L.Smith A/S Kokshe - FLS Crusher	1	3 / 2008
DSRAJ 8031-6	3.510,0 kW · 993,0 min-1 33.750 Nm 6.000 V	F.L.Smith A/S Kokshe - FLS Fan	1	3 / 2008
DSRCJ 8031-6	3.316,0 kW · 995,0 min-1 31.820 Nm 6.000 V	F.L.Smith A/S Kokshe - FLS Mill	1	3 / 2008
DSRAJ 7132-6	3.000,0 kW · 993,0 min-1 28.850 Nm 6.000 V	F.L.Smith A/S Kokshe - FLS Cement Mill	2	3 / 2008
DSRCN 4519-4WF	750,0 kW · 1.480,0 min-1 4.839 Nm 6.300 V	F.L.Smith A/S Sinai White II - FLS Mill	2	3 / 2008
DSRAN 8036-6WF	3.600,0 kW · 994,0 min-1 34.580 Nm 6.300 V	F.L.Smith A/S Sinai White II - FLS Mill	1	3 / 2008
DSRCJ 7135-8WF	2.800,0 kW · 744,0 min-1 35.940 Nm 6.300 V	Limak Kurtalan Cimento San. Ve Tic. Limak - Kurtalan Mill	1	2 / 2008
DSRAJ 6329-6WF	2.200,0 kW · 993,0 min-1 21.160 Nm 6.000 V	Lafarge Cement S.A. Malogoszcz Cem.-Lafarge PL Mill	2	2 / 2008
DSKCJ 1040-8WF	7.000,0 kW · 745,0 min-1 89.720 Nm 6.000 V	Siemens AG Butson Cement Vietn. - Siemens Cement Mill	1	2 / 2008
DSRCJ 7127-6WF	2.600,0 kW · 993,0 min-1 25.000 Nm 6.000 V	Siemens AG Butson Cement Vietn. - Siemens Mill	1	2 / 2008
DSRAN 9034-6WF	4.600,0 kW · 995,0 min-1 44.150 Nm 6.300 V	F.L.Smith A/S D.G. Khan Cem./Pakistan - FLS Mill	1	2 / 2008
DSRAJ 6323-6WF	1.600,0 kW · 993,0 min-1 15.390 Nm 6.000 V	Carpatcement Holding SA Carpatcement Cement Mill	2	1 / 2008
DSRAJ 4018-6WF	315,0 kW · 981,0 min-1 3.066 Nm 6.000 V	ABB Automation Systems TGB Trojanowo-ABB Cottbus Conveyor	2	1 / 2008
DSRAJ 6323-6WF	1.600,0 kW · 993,0 min-1 15.390 Nm 6.300 V	SI-MA Mak.Elek.Elektronik Ins.Kimye Cimsa Eskisehir SI-MA Mill	1	12 / 2007
DSRAJ 5627-4WF	1.600,0 kW · 1.492,0 min-1 10.240 Nm 6.000 V	F.L.Smith A/S Frankivskcement - FLS Crusher	1	12 / 2007
DSRAN 7135-6WF	3.150,0 kW · 994,0 min-1 30.260 Nm 6.300 V	F.L.Smith A/S Barbetti - FLS Mill	1	11 / 2007

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Synchronous Motors

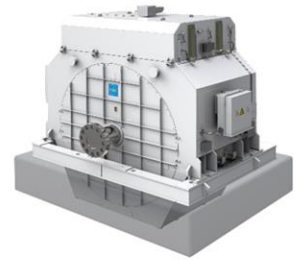
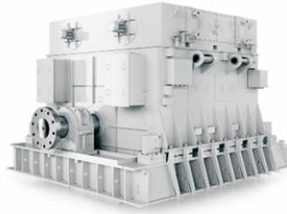
Power range: 200 - 32.000 kW

Number of poles: (2-), 4-, 6-, 8 up to 28-pole

Voltage range: 690 V to 13.8 kV

Excitation: electrical, slip-ring or permanent magnets

Cooling types: air- water or air-air heat exchanger,
special design or water-jacket cooling



type / Typ	power / Leistung	customer / Besteller project	quantity / Anzahl	country / Land	year / Jahr
driven equipment					
DQWYW 7124-18U	250,0 kW · 48,0 min-1 49.740 Nm 690 V	ABB Automation GmbH GCD Severoceske Doly - ABB Aut Conveyor	2	Czech Republic	2 / 2021
DQWYZ 7116-18U	200,0 kW · 80,0 min-1 23.870 Nm 500 V	ABB Automation GmbH Pilotanlage PM Direktantrieb - Conveyor	1	Germany	6-2 / 2017
DMLYZ 2723-18VS	1.500,0 kW · 67,4 min-1 212.500 Nm 3.100 V	SIEMAG TECBERG GmbH Handuk - SIEMAG TECBERG GmbH Hoist	1	South Korea	8 / 2015
DMMVZ 3620-32YS	940,0 kW · 26,6 min-1 337.500 Nm 1.250 V	F.L.Smith A/S EUREKA REX - FLS Mill	1		1 / 2009
DMMVZ 2538-20YS	1.775,0 kW · 50,5 min-1 335.600 Nm 1.200 V	F.L.Smith A/S EUREKA REX - FLS Mill	1		1 / 2009



ELECTRIC DRIVES

FOR EVERY DEMAND

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