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--	02.08.2018	First issue	Czech.	Werner	Textores
REV.	DATE	DESCRIPTION	DESIGNED	CHECKED	APPR'D

PROJECT/OWNER

**PTOLEMAIS UNIT V
660 MW POWER PLANT
CONTRACT DMKT - 11 09
5052**



PUBLIC POWER CORPORATION S.A.

CONTRACTOR



SUBCONTRACTOR



SUBCONTRACTOR DWG. NO.

N-100170-M-D01-LT09-00002-00-___

TITLE

**DGS® Mill 180
Supply list
Spare parts L1**

SCALE	DRAWING NO.	SHEET	REV.
	4311-M-D01-LT09-00002	COVER	--

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Project-No.: N-100170

Ptolemais

Doc.-No.: N-100170-M-D01-LT09-00002-00

Ersteller / Abteilung / Datum: Czechaczek / ED3 / 02.08.2018

Supply list of: DGS® Mill 180 / Spare parts L1

Ass.: see below

Prüfer / Abteilung / Date: Werner / ED3 / 02.08.2018



Unit	Spare Part ID	Project	SYS	USYS	Order-no.	Item	Drawing-no.	Assembly / Item	Amount	Designation	Dimensions	Weight per piece [kg]	Standard	Material	Inspection note	KKS	Storage type	NOTE
Fan wheel (right turning)																		
V	3-0-00974-0	N-100170	M	D31	4500315117	1	N-100170-M-D27-ID16-00001	310 / 1-	1	Fan wheel for right turning mills	D 4600 x 1360	38030,0	Diverse	Diverse	EN10204-2.2	5 OHFC00	Indoor	
Fan wheel (left turning)																		
V	3-0-00975-0	N-100170	M	D31	4500315117	2	N-100170-M-D27-ID16-00001	310 / 1-	1	Fan wheel for left turning mills	D 4600 x 1360	38030,0	Diverse	Diverse	EN10204-2.2	5 OHFC00	Indoor	
Loose parts for fan wheel (right turning)																		
V	3-0-00974-0	N-100170	M	D31	4500315117	1	N-100170-M-D27-ID16-00001	312 / 1	36	Hexagon head bolt	M48 x 308	4,4	acc. drawing	1.7709	EN10204-3.1	5 OHFC10-80	Indoor	
V	3-0-00974-0	N-100170	M	D31	4500315117	1	N-100170-M-D27-ID16-00001	312 / 2	36	Threaded bushing	D90/M48 x 60	2,1	acc. drawing	1.7709	EN10204-3.1	5 OHFC10-80	Indoor	
V	3-0-00974-0	N-100170	M	D31	4500315117	1	N-100170-M-D27-ID16-00001	312 / 4	6	Fitting bolt	D40I7 x160	1,4	acc. drawing	1.7709	EN10204-3.1	5 OHFC10-80	Indoor	
V	3-0-00974-0	N-100170	M	D31	4500315117	1	N-100170-M-D27-ID16-00001	312 / 5	18	Inside safety plate	8 x 105 x 274	0,9	EN 10029	1.0038	EN10204-2.2	5 OHFC10-80	Indoor	
V	3-0-00974-0	N-100170	M	D31	4500315117	1	N-100170-M-D27-ID16-00001	312 / 6	6	Outside safety plate	6 x 313 x 782	6,4	EN 10029	1.0038	EN10204-2.2	5 OHFC10-80	Indoor	
V	3-0-00974-0	N-100170	M	D31	4500315117	1	N-100170-M-D27-ID16-00001	312 / 7	6	Cover sheet for fitting bolt	6 x D50	0,1	EN 10029	1.0038	EN10204-2.2	5 OHFC10-80	Indoor	
V	3-0-00974-0	N-100170	M	D31	4500315117	1	N-100170-M-D27-ID16-00001	312 / 10	30	Safety cap for hexagon head bolt M 30	28 x 70 x 65	0,5	EN 10025	1.0577	EN10204-2.2	5 OHFC10-80	Indoor	
V	3-0-00974-0	N-100170	M	D31	4500315117	1	N-100170-M-D27-ID16-00001	312 / 12	36	Safety cap for hexagon head bolt M 48	42 x 100 x 101,3	1,2	EN 10025	1.0577	EN10204-2.2	5 OHFC10-80	Indoor	
Loose parts for fan wheel (left turning)																		
V	3-0-00975-0	N-100170	M	D31	4500315117	2	N-100170-M-D27-ID16-00001	312 / 1	36	Hexagon head bolt	M48 x 308	4,4	acc. drawing	1.7709	EN10204-3.1	5 OHFC10-80	Indoor	
V	3-0-00975-0	N-100170	M	D31	4500315117	2	N-100170-M-D27-ID16-00001	312 / 2	36	Threaded bushing	D90/M48 x 60	2,1	acc. drawing	1.7709	EN10204-3.1	5 OHFC10-80	Indoor	
V	3-0-00975-0	N-100170	M	D31	4500315117	2	N-100170-M-D27-ID16-00001	312 / 4	6	Fitting bolt	D40I7 x160	1,4	acc. drawing	1.7709	EN10204-3.1	5 OHFC10-80	Indoor	
V	3-0-00975-0	N-100170	M	D31	4500315117	2	N-100170-M-D27-ID16-00001	312 / 5	18	Inside safety plate	8 x 105 x 274	0,9	EN 10029	1.0038	EN10204-2.2	5 OHFC10-80	Indoor	
V	3-0-00975-0	N-100170	M	D31	4500315117	2	N-100170-M-D27-ID16-00001	312 / 6	6	Outside safety plate	6 x 313 x 782	6,4	EN 10029	1.0038	EN10204-2.2	5 OHFC10-80	Indoor	
V	3-0-00975-0	N-100170	M	D31	4500315117	2	N-100170-M-D27-ID16-00001	312 / 7	6	Cover sheet for fitting bolt	6 x D50	0,1	EN 10029	1.0038	EN10204-2.2	5 OHFC10-80	Indoor	
V	3-0-00975-0	N-100170	M	D31	4500315117	2	N-100170-M-D27-ID16-00001	312 / 10	30	Safety cap for hexagon head bolt M 30	28 x 70 x 65	0,5	EN 10025	1.0577	EN10204-2.2	5 OHFC10-80	Indoor	
V	3-0-00975-0	N-100170	M	D31	4500315117	2	N-100170-M-D27-ID16-00001	312 / 12	36	Safety cap for hexagon head bolt M 48	42 x 100 x 101,3	1,2	EN 10025	1.0577	EN10204-2.2	5 OHFC10-80	Indoor	
Wearing plates inlet housing - Double wall IB																		
V	3-0-00939-0	N-100170	M	D16	4500315117	36	N-100170-M-D16-ID16-00001	161 / 1	8	Wearing plate	15 x 431 x 771	31,3	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00939-0	N-100170	M	D16	4500315117	36	N-100170-M-D16-ID16-00001	161 / 2	8	Wearing plate	15 x 462 x 653	17,7	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00939-0	N-100170	M	D16	4500315117	36	N-100170-M-D16-ID16-00001	161 / 4	40	Hexagon head screw	M20 x 55	0,2	ISO 4017	1.7709	EN10204-3.1	5 OHFC10-80	Indoor	
V	3-0-00939-0	N-100170	M	D16	4500315117	36	N-100170-M-D16-ID16-00001	161 / 5	40	Washer	D36 / d22 x 3	0,1	---	Cu	EN10204-2.2	5 OHFC10-80	Indoor	
V	3-0-00939-0	N-100170	M	D16	4500315117	36	N-100170-M-D16-ID16-00001	161 / 6	40	Wave spring washer	B20	0,1	DIN 137	Spring steel	EN10204-2.2	5 OHFC10-80	Indoor	
Wearing plates inlet housing - Double wall I																		
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 1	2	Wearing plate	15 x 511 x 722	44,2	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 2	4	Wearing plate	15 x 369 x 517	22,9	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 3	2	Wearing plate	15 x 367 x 615	27,1	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 4	2	Wearing plate	15 x 369 x 584	25,9	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 5	6	Wearing plate	15 x 369 x 584	25,8	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 6	1	Wearing plate	15 x 367 x 400	17,6	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 7	8	Wearing plate	15 x 369 x 400	17,7	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 8	1	Wearing plate	15 x 367 x 400	17,6	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 9	1	Wearing plate	15 x 514 x 597	38,8	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 10	14	Wearing plate	15 x 369 x 514	22,8	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 11	2	Wearing plate	15 x 367 x 514	22,7	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 12	1	Wearing plate	15 x 389 x 514	24,0	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 13	1	Wearing plate	15 x 534 x 556	35,6	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 14	6	Wearing plate	15 x 369 x 534	23,7	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 15	1	Wearing plate	15 x 367 x 534	38,7	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 17	206	Hexagon head screw	M20 x 55	0,2	ISO 4017	1.7709	EN10204-3.1	5 OHFC10-80	Indoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 18	206	Washer	D36 / d22 x 3	0,0	---	Cu	EN10204-2.2	5 OHFC10-80	Indoor	
V	3-0-00940-0	N-100170	M	D16	4500315117	35	N-100170-M-D16-ID16-00001	162 / 19	206	Wave spring washer	B20	0,0	DIN 137	Spring steel	EN10204-2.2	5 OHFC10-80	Indoor	
Wearing plates inlet housing - Double wall I.2																		
V	3-0-00941-0	N-100170	M	D16	4500315117	34	N-100170-M-D16-ID16-00002	163 / 1	4	Wearing plate	15 x 369 x 504	21,8	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00941-0	N-100170	M	D16	4500315117	34	N-100170-M-D16-ID16-00002	163 / 2	1	Wearing plate	15 x 369 x 514	11,1	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00941-0	N-100170	M	D16	4500315117	34	N-100170-M-D16-ID16-00002	163 / 3	1	Wearing plate	15 x 369 x 617	23,6	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00941-0	N-100170	M	D16	4500315117	34	N-100170-M-D16-ID16-00002	163 / 4	1	Wearing plate	15 x 369 x 535	21,5	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00941-0	N-100170	M	D16	4500315117	34	N-100170-M-D16-ID16-00002	163 / 5	1	Wearing plate	15 x 392 x 504	22,0	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00941-0	N-100170	M	D16	4500315117	34	N-100170-M-D16-ID16-00002	163 / 6	1	Wearing plate	15 x 488 x 519	16,6	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00941-0	N-100170	M	D16	4500315117	34	N-100170-M-D16-ID16-00002	163 / 7	1	Wearing plate	15 x 369 x 514	22,2	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00941-0	N-100170	M	D16	4500315117	34	N-100170-M-D16-ID16-00002	163 / 8	1	Wearing plate	15 x 467 x 534	20,4	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00941-0	N-100170	M	D16	4500315117	34	N-100170-M-D16-ID16-00002	163 / 9	1	Wearing plate	15 x 467 x 465	20,3	EN 10029	1.4713	EN10204-2.2	5 OHFC10-80	Outdoor	
V	3-0-00941-0	N-100170	M	D16	4500315117	34	N-100170-M-D16-ID16-00002	163 / 10	1	Wearing plate	15 x 486 x 514	23,1	EN 10029					

Project-No.: N-100170

Ptolemais

Doc.-No.: N-100170-M-D01-LT09-00002-00_

Ersteller / Abteilung / Datum: Czechaczek / ED3 / 02.08.2018



Supply list of: DGS® Mill 180 / Spare parts L1

Ass.: see below

Prüfer / Abteilung / Date: Werner/ ED3 / 02.08.2018

MITSUBISHI HITACHI POWER SYSTEMS EUROPE

Table with columns: Unit, Spare Part ID, Project, SYS, USYS, Order-no., Item, Drawing-no., Assembly / Item, Amount, Designation, Dimensions, Weight per piece [kg], Standard, Material, Inspection note, KKS, Storage type, NOTE. It lists various spare parts for a DGS® Mill 180, including wearing plates, hexagon head screws, washers, and wave spring washers, categorized by inlet housing types (III a, III.2, IV a, IV.2, V, VI).

Project-No.: N-100170
Ptolemias

Doc.-No.: N-100170-M-D01-LT09-00002-00_

Ersteller / Abteilung / Datum: Czechaczek / ED3 / 02.08.2018



MITSUBISHI HITACHI POWER SYSTEMS EUROPE

Supply list of: DGS® Mill 180 / Spare parts L1

Ass.: see below

Prüfer / Abteilung / Date: Werner/ ED3 / 02.08.2018

Unit	Spare Part ID	Project	SYS	USYS	Order-no.	Item	Drawing-no.	Assembly / Item	Amount	Designation	Dimensions	Weight per piece [kg]	Standard	Material	Inspection note	KKS	Storage type	NOTE	
V	3-0-00951-0	N-100170	M	D16	4500315117	24	N-100170-M-D16-ID16-00002	173 / 4	1	Wearing plate	15 x 430 x 448	23.1	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00951-0	N-100170	M	D16	4500315117	24	N-100170-M-D16-ID16-00002	173 / 5	3	Wearing plate	15 x 397 x 448	21.3	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00951-0	N-100170	M	D16	4500315117	24	N-100170-M-D16-ID16-00002	173 / 6	1	Wearing plate	15 x 410 x 448	22.0	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00951-0	N-100170	M	D16	4500315117	24	N-100170-M-D16-ID16-00002	173 / 7	40	Hexagon head screw	M20 x 55	0.2	ISO 4017	1.7709	EN10204-3.1	5 0HFC10-80	Indoor		
V	3-0-00951-0	N-100170	M	D16	4500315117	24	N-100170-M-D16-ID16-00002	173 / 8	40	Washer	D36 / d22 x 3	0.0	---	Cu	EN10204-2.2	5 0HFC10-80	Indoor		
V	3-0-00951-0	N-100170	M	D16	4500315117	24	N-100170-M-D16-ID16-00002	173 / 9	40	Wave spring washer	B20	0.0	DIN 137	Spring steel	EN10204-2.2	5 0HFC10-80	Indoor		
Wearing plates inlet housing - Double wall VII																			
V	3-0-00952-0	N-100170	M	D16	4500315117	23	N-100170-M-D16-ID16-00002	174 / 1	2	Wearing plate	15 x 430 x 448	23.1	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00952-0	N-100170	M	D16	4500315117	23	N-100170-M-D16-ID16-00002	174 / 2	6	Wearing plate	15 x 397 x 448	21.3	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00952-0	N-100170	M	D16	4500315117	23	N-100170-M-D16-ID16-00002	174 / 3	2	Wearing plate	15 x 410 x 448	22.0	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00952-0	N-100170	M	D16	4500315117	23	N-100170-M-D16-ID16-00002	174 / 4	40	Hexagon head screw	M20 x 55	0.2	ISO 4017	1.7709	EN10204-3.1	5 0HFC10-80	Indoor		
V	3-0-00952-0	N-100170	M	D16	4500315117	23	N-100170-M-D16-ID16-00002	174 / 5	40	Washer	D36 / d22 x 3	0.0	---	Cu	EN10204-2.2	5 0HFC10-80	Indoor		
V	3-0-00952-0	N-100170	M	D16	4500315117	23	N-100170-M-D16-ID16-00002	174 / 6	40	Wave spring washer	B20	0.0	DIN 137	Spring steel	EN10204-2.2	5 0HFC10-80	Indoor		
Wearing plates inlet housing - Double wall VIII																			
V	3-0-00953-0	N-100170	M	D16	4500315117	22	N-100170-M-D16-ID16-00002	175 / 1	1	Wearing plate	15 x 430 x 448	22.9	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00953-0	N-100170	M	D16	4500315117	22	N-100170-M-D16-ID16-00002	175 / 2	3	Wearing plate	15 x 397 x 448	21.2	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00953-0	N-100170	M	D16	4500315117	22	N-100170-M-D16-ID16-00002	175 / 3	1	Wearing plate	15 x 410 x 448	21.8	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00953-0	N-100170	M	D16	4500315117	22	N-100170-M-D16-ID16-00002	175 / 4 R	1	Wearing plate	15 x 610 x 448	24.5	EN 10029	1.4713	EN10204-2.2	5 0HFC20/40/50/70	Outdoor		
V	3-0-00953-0	N-100170	M	D16	4500315117	22	N-100170-M-D16-ID16-00002	175 / 5	3	Wearing plate	15 x 397 x 448	21.3	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00953-0	N-100170	M	D16	4500315117	22	N-100170-M-D16-ID16-00002	175 / 6	1	Wearing plate	15 x 410 x 448	22.0	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00953-0	N-100170	M	D16	4500315117	22	N-100170-M-D16-ID16-00002	175 / 7	40	Hexagon head screw	M20 x 55	0.2	ISO 4017	1.7709	EN10204-3.1	5 0HFC10-80	Indoor		
V	3-0-00953-0	N-100170	M	D16	4500315117	22	N-100170-M-D16-ID16-00002	175 / 8	40	Washer	D36 / d22 x 3	0.0	---	Cu	EN10204-2.2	5 0HFC10-80	Indoor		
V	3-0-00953-0	N-100170	M	D16	4500315117	22	N-100170-M-D16-ID16-00002	175 / 9	40	Wave spring washer	B20	0.0	DIN 137	Spring steel	EN10204-2.2	5 0HFC10-80	Indoor		
Wearing plates inlet housing - Double wall IX																			
V	3-0-00954-0	N-100170	M	D16	4500315117	21	N-100170-M-D16-ID16-00002	180 / 1	2	Wearing plate	15 x 430 x 448	22.6	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00954-0	N-100170	M	D16	4500315117	21	N-100170-M-D16-ID16-00002	180 / 2	4	Wearing plate	15 x 339 x 448	17.8	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00954-0	N-100170	M	D16	4500315117	21	N-100170-M-D16-ID16-00002	180 / 3	2	Wearing plate	15 x 410 x 448	21.5	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00954-0	N-100170	M	D16	4500315117	21	N-100170-M-D16-ID16-00002	180 / 4	2	Wearing plate	15 x 115 x 834	11.3	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00954-0	N-100170	M	D16	4500315117	21	N-100170-M-D16-ID16-00002	180 / 5	2	Wearing plate	15 x 115 x 521	7.0	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00954-0	N-100170	M	D16	4500315117	21	N-100170-M-D16-ID16-00002	180 / 6	1	Wearing plate	15 x 37 x 521	4.1	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00954-0	N-100170	M	D16	4500315117	21	N-100170-M-D16-ID16-00002	180 / 7	1	Wearing plate	15 x 42 x 521	4.7	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00954-0	N-100170	M	D16	4500315117	21	N-100170-M-D16-ID16-00002	180 / 8	32	Hexagon head screw	M20 x 55	0.2	ISO 4017	1.7709	EN10204-3.1	5 0HFC10-80	Indoor		
V	3-0-00954-0	N-100170	M	D16	4500315117	21	N-100170-M-D16-ID16-00002	180 / 9	32	Washer	D36 / d22 x 3	0.0	---	Cu	EN10204-2.2	5 0HFC10-80	Indoor		
V	3-0-00954-0	N-100170	M	D16	4500315117	21	N-100170-M-D16-ID16-00002	180 / 10	32	Wave spring washer	B20	0.0	DIN 137	Spring steel	EN10204-2.2	5 0HFC10-80	Indoor		
Wearing plates inlet housing - Double wall S1																			
V	3-0-00955-0	N-100170	M	D16	4500315117	20	N-100170-M-D16-ID16-00002	176 / 1	1	Wearing plate	30 x 383 x 394	35.4	EN 10029	1.5415	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00955-0	N-100170	M	D16	4500315117	20	N-100170-M-D16-ID16-00002	176 / 2 R	1	Wearing plate	30 x 383 x 496	37.1	EN 10029	1.5415	EN10204-2.2	5 0HFC20/40/50/70	Outdoor		
V	3-0-00955-0	N-100170	M	D16	4500315117	20	N-100170-M-D16-ID16-00002	176 / 3	1	Wearing plate	30 x 200 x 364	17.1	EN 10029	1.5415	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00955-0	N-100170	M	D16	4500315117	20	N-100170-M-D16-ID16-00002	176 / 4 R	1	Wearing plate	30 x 200 x 370	15.3	EN 10029	1.5415	EN10204-2.2	5 0HFC20/40/50/70	Outdoor		
V	3-0-00955-0	N-100170	M	D16	4500315117	20	N-100170-M-D16-ID16-00002	176 / 5 R	1	Wearing plate	30 x 200 x 658	28.7	EN 10029	1.5415	EN10204-2.2	5 0HFC20/40/50/70	Outdoor		
V	3-0-00955-0	N-100170	M	D16	4500315117	20	N-100170-M-D16-ID16-00002	176 / 6 R	1	Wearing plate	30 x 200 x 575	24.8	EN 10029	1.5415	EN10204-2.2	5 0HFC20/40/50/70	Outdoor		
V	3-0-00955-0	N-100170	M	D16	4500315117	20	N-100170-M-D16-ID16-00002	176 / 7 R	1	Wearing plate	30 x 200 x 493	21.0	EN 10029	1.5415	EN10204-2.2	5 0HFC20/40/50/70	Outdoor		
V	3-0-00955-0	N-100170	M	D16	4500315117	20	N-100170-M-D16-ID16-00002	176 / 8 R	1	Wearing plate	30 x 200 x 411	17.2	EN 10029	1.5415	EN10204-2.2	5 0HFC20/40/50/70	Outdoor		
V	3-0-00955-0	N-100170	M	D16	4500315117	20	N-100170-M-D16-ID16-00002	176 / 9 R	1	Wearing plate	30 x 328 x 820	31.0	EN 10029	1.5415	EN10204-2.2	5 0HFC20/40/50/70	Outdoor		
V	3-0-00955-0	N-100170	M	D16	4500315117	20	N-100170-M-D16-ID16-00002	176 / 10	22	Hexagon head screw	M20 x 70	0.3	ISO 4017	1.7709	EN10204-3.1	5 0HFC10-80	Indoor		
V	3-0-00955-0	N-100170	M	D16	4500315117	20	N-100170-M-D16-ID16-00002	176 / 11	22	Washer	D36 / d22 x 3	0.0	---	Cu	EN10204-2.2	5 0HFC10-80	Indoor		
V	3-0-00955-0	N-100170	M	D16	4500315117	20	N-100170-M-D16-ID16-00002	176 / 12	22	Wave spring washer	B20	0.0	DIN 137	Spring steel	EN10204-2.2	5 0HFC10-80	Indoor		
Wearing plates inlet housing - Double wall S2																			
V	3-0-00956-0	N-100170	M	D16	4500315117	19	N-100170-M-D16-ID16-00002	177 / 1	10	Wearing plate	30 x 200 x 494	23.1	EN 10029	1.5415	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00956-0	N-100170	M	D16	4500315117	19	N-100170-M-D16-ID16-00002	177 / 2 R	1	Wearing plate	30 x 365 x 479	35.1	EN 10029	1.5415	EN10204-2.2	5 0HFC20/40/50/70	Outdoor		
V	3-0-00956-0	N-100170	M	D16	4500315117	19	N-100170-M-D16-ID16-00002	177 / 3 R	1	Wearing plate	30 x 200 x 479	20.6	EN 10029	1.5415	EN10204-2.2	5 0HFC20/40/50/70	Outdoor		
V	3-0-00956-0	N-100170	M	D16	4500315117	19	N-100170-M-D16-ID16-00002	177 / 4	1	Wearing plate	30 x 200 x 550	23.9	EN 10029	1.5415	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00956-0	N-100170	M	D16	4500315117	19	N-100170-M-D16-ID16-00002	177 / 5	1	Wearing plate	30 x 200 x 550	23.9	EN 10029	1.5415	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00956-0	N-100170	M	D16	4500315117	19	N-100170-M-D16-ID16-00002	177 / 6	1	Wearing plate	30 x 200 x 371	15.6	EN 10029	1.5415	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00956-0	N-100170	M	D16	4500315117	19	N-100170-M-D16-ID16-00002	177 / 7	1	Wearing plate	30 x 200 x 371	15.6	EN 10029	1.5415	EN10204-2.2	5 0HFC10-80	Outdoor		
V	3-0-00956-0	N-100170	M	D16	4500315117	19	N-100170-M-D16-ID16-00002	177											

Project-No.: N-100170
Ptolemais

Doc.-No.: N-100170-M-D01-LT09-00002-00-__

Ersteller / Abteilung / Datum: Czechaczek / ED3 / 02.08.2018



MITSUBISHI HITACHI POWER SYSTEMS EUROPE

Supply list of: DGS® Mill 180 / Spare parts L1

Ass.: see below

Prüfer / Abteilung / Date: Werner/ ED3 / 02.08.2018

Unit	Spare Part ID	Project	SYS	USYS	Order-no.	Item	Drawing-no.	Assembly / Item	Amount	Designation	Dimensions	Weight per piece [kg]	Standard	Material	Inspection note	KKS	Storage type	NOTE
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 7,2 R	1	Wearing part	60 x 140 x 452	20,6	EN 10029 EN 10059	1.0038	EN10204-2.2	5 0HFC10-80/50/70	Outdoor	
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 3	6	Wearing plate	25 x 356 x 337	23,3	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 4	6	Wearing plate	25 x 356 x 337	23,3	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 5	18	Wearing plate	25 x 425 x 337	28,6	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 6	1	Wearing plate	15 x 959 x 494	25,6	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 8	26	Wave spring washer	B24	0,0	DIN 137	Spring steel	EN10204-2.2	5 0HFC10-80	Indoor	
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 10	120	Hexagon head screw	M20 x 70	0,3	ISO 4017	1.7709	EN10204-3.1	5 0HFC10-80	Indoor	
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 11	3	Hexagon head screw	M20 x 40	0,2	ISO 4017	1.7709	EN10204-3.1	5 0HFC10-80	Indoor	
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 12	123	Washer	D36 / d22 x 3	0,0	---	Cu	EN10204-2.2	5 0HFC10-80	Indoor	
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 13	123	Wave spring washer	B20	0,0	DIN 137	Spring steel	EN10204-2.2	5 0HFC10-80	Indoor	
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 14	26	Cylindrical counter sunk screw	M24 x 80	0,5	DIN 792	10,9	EN10204-3.1	5 0HFC10-80	Indoor	
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 15	26	Hexagon nut	M24	0,1	ISO 4032	10	EN10204-3.1	5 0HFC10-80	Indoor	
V	3-0-00959-0	N-100170	M	D16	4500315117	16	N-100170-M-D16-ID16-00002	181 / 16	26	Washer	D44 / d25 x 3	0,02	---	Cu	EN10204-2.2	5 0HFC10-80	Indoor	
Wearing plates inlet housing - Repair gate valve flap																		
V	3-0-00960-0	N-100170	M	D16	4500315117	15	N-100170-M-D16-ID16-00002	182 / 1	4	Wearing plate	15 x 925 x 250	27,8	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00960-0	N-100170	M	D16	4500315117	15	N-100170-M-D16-ID16-00002	182 / 3	8	Hexagon head screw	M20 x 45	0,2	ISO 4017	1.7709	EN10204-3.1	5 0HFC10-80	Indoor	
V	3-0-00960-0	N-100170	M	D16	4500315117	15	N-100170-M-D16-ID16-00002	182 / 4	8	Wave spring washer	B20	0,0	DIN 137	Spring steel	EN10204-2.2	5 0HFC10-80	Indoor	
V	3-0-00960-0	N-100170	M	D16	4500315117	15	N-100170-M-D16-ID16-00002	182 / 5	8	Washer	D36 / d22 x 3	0,0	---	Cu	EN10204-2.2	5 0HFC10-80	Indoor	
Wearing plates inlet housing - Repair gate valve																		
V	3-0-00961-0	N-100170	M	D16	4500315117	14	N-100170-M-D16-ID16-00002	182 / 1	16	Wearing plate	3 x 960,5 x 923	21,3	EN 10029	1.4713	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00961-0	N-100170	M	D16	4500315117	14	N-100170-M-D16-ID16-00002	182 / 2	64	Threaded bolt	RD70 x 63	0,4	EN 10060	1.0038	EN10204-2.2	5 0HFC10-80	Indoor	
V	3-0-00961-0	N-100170	M	D16	4500315117	14	N-100170-M-D16-ID16-00002	182 / 3	64	Hexagon nut	M24	0,13	ISO 4032	8	EN10204-2.2	5 0HFC10-80	Indoor	
Wearing parts beater part																		
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 1,5 R	47	Wearing part	60 x 140 x 457	20,6	EN 10058 EN 10059	1.0038	EN10204-2.2	5 0HFC20/40/50/70	Outdoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 2,5 R	1	Wearing part	60 x 140 x 457	20,6	EN 10058 EN 10059	1.0038	EN10204-2.2	5 0HFC20/40/50/70	Outdoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 3,5 R	1	Wearing part	60 x 88 x 457	13,3	EN 10029 EN 10059	1.0038	EN10204-2.2	5 0HFC20/40/50/70	Outdoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 4,6 R	10	Wearing part	60 x 140 x 292	12,5	EN 10058 EN 10059	1.0038	EN10204-2.2	5 0HFC20/40/50/70	Outdoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 7	1	Wearing plate	15 x 460 x 1040	32,8	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 10	34	Wearing plate	50 x 225 x 289	23,0	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 12 R	1	Wearing plate	50 x 225 x 289	23,0	EN 10029	1.0038	EN10204-2.2	5 0HFC20/40/50/70	Outdoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 14 R	1	Wearing plate	50 x 225 x 289	23,0	EN 10029	1.0038	EN10204-2.2	5 0HFC20/40/50/70	Outdoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 15	1	Wearing plate	50 x 515 x 1315	118,6	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 16,19,20 R	58	Wearing part	138 x 150 x 450	28,5	EN 10058 EN 10059 EN 10029	1.0038	EN10204-2.2	5 0HFC20/40/50/70	Outdoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 17,19,20 R	1	Wearing part	138 x 150 x 450	28,5	EN 10058 EN 10059 EN 10029	1.0038	EN10204-2.2	5 0HFC20/40/50/70	Outdoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 18,19,20 R	1	Wearing part	138 x 150 x 450	28,5	EN 10058 EN 10059 EN 10029	1.0038	EN10204-2.2	5 0HFC20/40/50/70	Outdoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 21	310	Wave spring washer	B24	0,0	DIN 137	Spring steel	EN10204-2.2	5 0HFC10-80	Indoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 22	238	Cylindrical counter sunk screw	M24 x 80	0,5	DIN 792	10,9	EN10204-3.1	5 0HFC10-80	Indoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 23	238	Hexagon nut	M24	0,13	ISO 4032	10	EN10204-3.1	5 0HFC10-80	Indoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 24	310	Washer	D44 / d25 x 3	0,02	---	Cu	EN10204-2.2	5 0HFC10-80	Indoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 25	72	Hexagon head screw	M24 x 80	0,4	ISO 4017	10,9	EN10204-3.1	5 0HFC10-80	Indoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 26	3	Hexagon head screw	M20 x 70	0,4	ISO 4017	8,8	EN10204-2.2	5 0HFC10-80	Indoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 27	3	Hexagon head screw	M20 x 80	0,4	ISO 4017	8,8	EN10204-2.2	5 0HFC10-80	Indoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 28	6	Wave spring washer	B20	0,0	DIN 137	Spring steel	EN10204-2.2	5 0HFC10-80	Indoor	
V	3-0-00962-0	N-100170	M	D21	4500315117	13	N-100170-M-D21-ID16-00001	211 / 29	6	Washer	D36 / d22 x 3	0,0	---	Cu	EN10204-2.2	5 0HFC10-80	Indoor	
Fan housing - Side wall cladding																		
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 1	6	Wearing plate	20 x 200 x 555	17,4	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 2	58	Wearing plate	20 x 200 x 650	20,3	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 3	4	Wearing plate	20 x 200 x 625	24,1	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 4	2	Wearing plate	30 x 257 x 404	14,4	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 5	2	Wearing plate	30 x 404 x 447	32,4	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 6 R	1	Wearing plate	30 x 404 x 679	38,9	EN 10029	1.0038	EN10204-2.2	5 0HFC20/40/50/70	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 7	2	Wearing plate	20 x 200 x 802	21,3	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 8	2	Wearing plate	20 x 200 x 468	11,7	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 9	4	Wearing plate	20 x 191 x 496	14,9	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 10	2	Wearing plate	20 x 191 x 496	14,7	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 11	2	Wearing plate	20 x 184 x 501	12,0	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 12	2	Wearing plate	20 x 436 x 805	24,8	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 13	32	Wearing plate	20 x 219 x 496	17,0	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 14	2	Wearing plate	20 x 233 x 649	13,2	EN 10029	1.0038	EN10204-2.2	5 0HFC10-80	Outdoor	
V	3-0-00963-0	N-100170	M	D25	4500315117	12	N-100170-M-D25-ID16-00002	251 / 15	2	Wearing plate	20 x 150 x 900	18,7	EN 10029	1.00				

Project-No.: N-100170

Ptolemias

Doc.-No.: N-100170-M-D01-LT09-00002-00-__

Ersteller / Abteilung / Datum: Czechaczek / ED3 / 02.08.2018

Supply list of: DGS® Mill 180 / Spare parts L1

Ass.: see below

Prüfer / Abteilung / Date: Werner/ ED3 / 02.08.2018



Table with columns: Unit, Spare Part ID, Project, SYS, USYS, Order-no., Item, Drawing-no., Assembly / Item, Amount, Designation, Dimensions, Weight per piece [kg], Standard, Material, Inspection note, KKS, Storage type, NOTE. It lists various spare parts for a DGS® Mill 180, including wearing plates, washers, and screws.

Project-No.: N-100170

Ptolemais

Doc.-No.: N-100170-M-D01-LT09-00002-00_

Ersteller / Abteilung / Datum: Czechaczek / ED3 / 02.08.2018



MITSUBISHI HITACHI POWER SYSTEMS EUROPE

Supply list of: DGS® Mill 180 / Spare parts L1

Ass.: see below

Prüfer / Abteilung / Date: Werner/ ED3 / 02.08.2018

Table with columns: Unit, Spare Part ID, Project, SYS, USYS, Order-no., Item, Drawing-no., Assembly / Item, Amount, Designation, Dimensions, Weight per piece [kg], Standard, Material, Inspection note, KKS, Storage type, NOTE. Contains multiple rows of parts including wearing parts, corner cladding, and various housing components.

Project-No.: N-100170
 Ptolemais

Doc.-No.: N-100170-M-D01-LT09-00002-00_

Ersteller / Abteilung / Datum: Czechacek / ED3 / 02.08.2018

Supply list of: DGS® Mill 180 / Spare parts L1

Ass.: see below

Prüfer / Abteilung / Date: Werner/ ED3 / 02.08.2018



Unit	Spare Part ID	Project	SYS	USYS	Order-no.	Item	Drawing-no.	Assembly / Item	Amount	Designation	Dimensions	Weight per piece [kg]	Standard	Material	Inspection note	KKS	Storage type	NOTE	
V	3-0-00966-0	N-100170	M	D33	4500316456	5	N-100170-M-D33-ID16-00001	IG05-00002 / 26	105	Wave spring washer	B20	0,0	DIN 137	Spring steel	EN10204-2.2	5 0HFC10-80	Indoor		
Beater arm protection with fixing material (right hand construction)																			
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 1	12	Beater arm protection length 593, right hand construction	245,6 x 110 x 629,3	42,9	EN 10293	1.6220	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 3	6	Beater arm protection length 753, right hand construction	245,4 x 110 x 789,3	54,9	EN 10293	1.6220	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 5	18	Beater arm protection length 323, right hand construction	246,2 x 110 x 359,4	22,9	EN 10293	1.6220	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 7	36	Clamping piece 1	50 x 50 x 25	0,3	EN 10269	1.7709	EN10204-3.1	5 0HFC20	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 8	36	Clamping piece 2	50 x 50 x 62	0,6	EN 10269	1.7709	EN10204-3.1	5 0HFC20	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 9	36	Hexagon head bolt	M24 x 85	0,4	acc. Drawing	1.7709	EN10204-3.1	5 0HFC20	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 10	36	Hexagon head bolt	M24 x 95	0,4	acc. Drawing	1.7709	EN10204-3.1	5 0HFC20	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 11	12	Safety plate	5 x 60 x 510	1,2	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 12	6	Safety plate	5 x 60 x 670	1,6	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 13	18	Safety plate	5 x 60 x 240	0,6	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 14	72	Safety plate	10 x 10 x 40	0,0	EN 10059	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 1	12	Beater arm protection length 593, right hand construction	245,6 x 110 x 629,3	42,9	EN 10293	1.6220	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 3	6	Beater arm protection length 753, right hand construction	245,4 x 110 x 789,3	54,9	EN 10293	1.6220	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 5	18	Beater arm protection length 323, right hand construction	246,2 x 110 x 359,4	22,9	EN 10293	1.6220	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 7	36	Clamping piece 1	50 x 50 x 25	0,3	EN 10269	1.7709	EN10204-3.1	5 0HFC40	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 8	36	Clamping piece 2	50 x 50 x 62	0,6	EN 10269	1.7709	EN10204-3.1	5 0HFC40	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 9	36	Hexagon head bolt	M24 x 85	0,4	acc. Drawing	1.7709	EN10204-3.1	5 0HFC40	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 10	36	Hexagon head bolt	M24 x 95	0,4	acc. Drawing	1.7709	EN10204-3.1	5 0HFC40	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 11	12	Safety plate	5 x 60 x 510	1,2	EN 10029	1.5415	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 12	6	Safety plate	5 x 60 x 670	1,6	EN 10029	1.5415	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 13	18	Safety plate	5 x 60 x 240	0,6	EN 10029	1.5415	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 14	72	Safety plate	10 x 10 x 40	0,0	EN 10059	1.5415	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 1	12	Beater arm protection length 593, right hand construction	245,6 x 110 x 629,3	42,9	EN 10293	1.6220	EN10204-2.2	5 0HFC50	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 3	6	Beater arm protection length 753, right hand construction	245,4 x 110 x 789,3	54,9	EN 10293	1.6220	EN10204-2.2	5 0HFC50	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 5	18	Beater arm protection length 323, right hand construction	246,2 x 110 x 359,4	22,9	EN 10293	1.6220	EN10204-2.2	5 0HFC50	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 7	36	Clamping piece 1	50 x 50 x 25	0,3	EN 10269	1.7709	EN10204-3.1	5 0HFC50	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 8	36	Clamping piece 2	50 x 50 x 62	0,6	EN 10269	1.7709	EN10204-3.1	5 0HFC50	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 9	36	Hexagon head bolt	M24 x 85	0,4	acc. Drawing	1.7709	EN10204-3.1	5 0HFC50	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 10	36	Hexagon head bolt	M24 x 95	0,4	acc. Drawing	1.7709	EN10204-3.1	5 0HFC50	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 11	12	Safety plate	5 x 60 x 510	1,2	EN 10029	1.5415	EN10204-2.2	5 0HFC50	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 12	6	Safety plate	5 x 60 x 670	1,6	EN 10029	1.5415	EN10204-2.2	5 0HFC50	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 13	18	Safety plate	5 x 60 x 240	0,6	EN 10029	1.5415	EN10204-2.2	5 0HFC50	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 14	72	Safety plate	10 x 10 x 40	0,0	EN 10059	1.5415	EN10204-2.2	5 0HFC50	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 1	12	Beater arm protection length 593, right hand construction	245,6 x 110 x 629,3	42,9	EN 10293	1.6220	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 3	6	Beater arm protection length 753, right hand construction	245,4 x 110 x 789,3	54,9	EN 10293	1.6220	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 5	18	Beater arm protection length 323, right hand construction	246,2 x 110 x 359,4	22,9	EN 10293	1.6220	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 7	36	Clamping piece 1	50 x 50 x 25	0,3	EN 10269	1.7709	EN10204-3.1	5 0HFC70	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 8	36	Clamping piece 2	50 x 50 x 62	0,6	EN 10269	1.7709	EN10204-3.1	5 0HFC70	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 9	36	Hexagon head bolt	M24 x 85	0,4	acc. Drawing	1.7709	EN10204-3.1	5 0HFC70	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 10	36	Hexagon head bolt	M24 x 95	0,4	acc. Drawing	1.7709	EN10204-3.1	5 0HFC70	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 11	12	Safety plate	5 x 60 x 510	1,2	EN 10029	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 12	6	Safety plate	5 x 60 x 670	1,6	EN 10029	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 13	18	Safety plate	5 x 60 x 240	0,6	EN 10029	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 14	72	Safety plate	10 x 10 x 40	0,0	EN 10059	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
Beater arm protection with fixing material (left hand construction)																			
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 2	12	Beater arm protection length 593, left hand construction	245,6 x 110 x 629,3	42,9	EN 10293	1.6220	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 4	6	Beater arm protection length 753, left hand construction	245,4 x 110 x 789,3	54,9	EN 10293	1.6220	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 6	18	Beater arm protection length 323, left hand construction	246,2 x 110 x 359,4	22,9	EN 10293	1.6220	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 7	36	Clamping piece 1	50 x 50 x 25	0,3	EN 10269	1.7709	EN10204-3.1	5 0HFC10	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 8	36	Clamping piece 2	50 x 50 x 62	0,6	EN 10269	1.7709	EN10204-3.1	5 0HFC10	Indoor		
V	3-0-00967-0	N-100170	M	D27	4500315117	9	N-100170-M-D27-ID16-00001	281 / 9	36	Hexagon head bolt	M24 x 85	0,4	acc. Drawing	1.7709	EN10204-3.1				

Project-No.: **N-100170**
Ptolemias

Doc.-No.: **N-100170-M-D01-LT09-00002-00_**

Ersteller / Abteilung / Datum: **Czechaczek / ED3 / 02.08.2018**



MITSUBISHI HITACHI POWER SYSTEMS EUROPE

Supply list of: **DGS® Mill 180 / Spare parts** L1

Ass.: **see below**

Prüfer / Abteilung / Date: **Werner/ ED3 / 02.08.2018**

Unit	Spare Part ID	Project	SYS	USYS	Order-no.	Item	Drawing-no.	Assembly / Item	Amount	Designation	Dimensions	Weight per piece [kg]	Standard	Material	Inspection note	KKS	Storage type	NOTE	
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 1	36	Beater head bolt	D58h11/d53h11 x 130	2,6	EN 10060	1.7709	EN10204-3.1	5 0HFC10	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 2	36	Locking square for the beater head bolt	10 x 10 x 80	0,1	EN 10059	1.5415	EN10204-2.2	5 0HFC10	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 1	36	Beater head bolt	D58h11/d53h11 x 130	2,6	EN 10060	1.7709	EN10204-3.1	5 0HFC20	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 2	36	Locking square for the beater head bolt	10 x 10 x 80	0,1	EN 10059	1.5415	EN10204-2.2	5 0HFC20	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 1	36	Beater head bolt	D58h11/d53h11 x 130	2,6	EN 10060	1.7709	EN10204-3.1	5 0HFC30	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 2	36	Locking square for the beater head bolt	10 x 10 x 80	0,1	EN 10059	1.5415	EN10204-2.2	5 0HFC30	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 1	36	Beater head bolt	D58h11/d53h11 x 130	2,6	EN 10060	1.7709	EN10204-3.1	5 0HFC40	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 2	36	Locking square for the beater head bolt	10 x 10 x 80	0,1	EN 10059	1.5415	EN10204-2.2	5 0HFC40	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 1	36	Beater head bolt	D58h11/d53h11 x 130	2,6	EN 10060	1.7709	EN10204-3.1	5 0HFC50	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 2	36	Locking square for the beater head bolt	10 x 10 x 80	0,1	EN 10059	1.5415	EN10204-2.2	5 0HFC50	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 1	36	Beater head bolt	D58h11/d53h11 x 130	2,6	EN 10060	1.7709	EN10204-3.1	5 0HFC60	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 2	36	Locking square for the beater head bolt	10 x 10 x 80	0,1	EN 10059	1.5415	EN10204-2.2	5 0HFC60	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 1	36	Beater head bolt	D58h11/d53h11 x 130	2,6	EN 10060	1.7709	EN10204-3.1	5 0HFC70	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 2	36	Locking square for the beater head bolt	10 x 10 x 80	0,1	EN 10059	1.5415	EN10204-2.2	5 0HFC70	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 1	36	Beater head bolt	D58h11/d53h11 x 130	2,6	EN 10060	1.7709	EN10204-3.1	5 0HFC80	Indoor		
V	3-0-00968-0	N-100170	M	D27	4500315117	8	N-100170-M-D27-ID16-00001	282 / 2	36	Locking square for the beater head bolt	10 x 10 x 80	0,1	EN 10059	1.5415	EN10204-2.2	5 0HFC80	Indoor		
Beater heads																			
V	3-0-00969-0	N-100170	M	D27	4500315117	7	N-100170-M-D27-ID16-00001	283 / 1	36	Beater head, right hand construction	200 x 160 x 283	45,8	EN 10293	1.6220	EN10204-3.1	5 0HFC20	Outdoor		
V	3-0-00969-0	N-100170	M	D27	4500315117	7	N-100170-M-D27-ID16-00001	283 / 1	36	Beater head, right hand construction	200 x 160 x 283	45,8	EN 10293	1.6220	EN10204-3.1	5 0HFC40	Outdoor		
V	3-0-00969-0	N-100170	M	D27	4500315117	7	N-100170-M-D27-ID16-00001	283 / 1	36	Beater head, right hand construction	200 x 160 x 283	45,8	EN 10293	1.6220	EN10204-3.1	5 0HFC50	Outdoor		
V	3-0-00969-0	N-100170	M	D27	4500315117	7	N-100170-M-D27-ID16-00001	283 / 1	36	Beater head, right hand construction	200 x 160 x 283	45,8	EN 10293	1.6220	EN10204-3.1	5 0HFC70	Outdoor		
V	3-0-00969-0	N-100170	M	D27	4500315117	7	N-100170-M-D27-ID16-00001	283 / 2	36	Beater head, left hand construction	200 x 160 x 283	45,8	EN 10293	1.6220	EN10204-3.1	5 0HFC10	Outdoor		
V	3-0-00969-0	N-100170	M	D27	4500315117	7	N-100170-M-D27-ID16-00001	283 / 2	36	Beater head, left hand construction	200 x 160 x 283	45,8	EN 10293	1.6220	EN10204-3.1	5 0HFC30	Outdoor		
V	3-0-00969-0	N-100170	M	D27	4500315117	7	N-100170-M-D27-ID16-00001	283 / 2	36	Beater head, left hand construction	200 x 160 x 283	45,8	EN 10293	1.6220	EN10204-3.1	5 0HFC60	Outdoor		
V	3-0-00969-0	N-100170	M	D27	4500315117	7	N-100170-M-D27-ID16-00001	283 / 2	36	Beater head, left hand construction	200 x 160 x 283	45,8	EN 10293	1.6220	EN10204-3.1	5 0HFC80	Outdoor		
Fan wheel - Wearing parts (Right hand construction)																			
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 1 R	12	Outside wearing plate	15 x 1134 x 663	45,8	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 2 R	12	Outside wearing plate	15 x 1134 x 663	45,8	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 3 R	12	Inside wearing plate	15 x 617 x 620	22,6	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 4 R	12	Inside wearing plate	15 x 617 x 620	22,6	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 5 R	12	Inside wearing plate (dismantlable)	15 x 484.5 x 339	14,0	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 6 R	12	Inside wearing plate (dismantlable)	15 x 484.5 x 339	14,0	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 7 R	12	Wearing corner for the fan wheel, right hand construction	130 x 110 x 624	42,3	EN 10293	1.6620	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 8 R	12	Wearing corner for the fan wheel, left hand construction	130 x 110 x 624	42,3	EN 10293	1.6620	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 9 R	6	Bandage ring for wheel disc	20 x 85 x 4727	61,5	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 10 R	6	Outside bandage for wheel discs	15 x 145 x 4622	61,5	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 11 R	3	Inside bandage	15 x 152 x 3302	61,5	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 12,21,24,25 R	12	Wearing part behind baffle disc	215 x 329 x 817.6	61,5	EN 10029 EN 10058	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 13 R	24	Bandage part, flame-cut from the outside bandage	15 x 80 x 200	1,9	EN 10029	1.5415	EN10204-2.2	5 0HFC20	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 14	96	Hexagon head bolt	M30 x 150	0,9	acc. Drawing	1.7709	EN10204-3.1	5 0HFC20	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 15	48	Hexagon socket head cap screw	M30 x 151	0,9	acc. Drawing	1.7709	EN10204-3.1	5 0HFC20	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 16	72	Curved spring lock washer	D30,5/D44,1 x 6 thick	0,9	similar DIN 128	Spring steel	EN10204-2.2	5 0HFC20	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 18	60	Supporting bolt	D58H11/D50h11 x40	0,9	EN 10060	1.7709	EN10204-3.1	5 0HFC20	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 19	24	Hexagon socket head cap screw	M30 x 106	0,8	acc. Drawing	1.7709	EN10204-3.1	5 0HFC20	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 20	96	Safety cap for the hexagon head bolt M30	28 x 70 x 65	0,5	EN 10025	1.0577	EN10204-2.2	5 0HFC20	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 1 R	12	Outside wearing plate	15 x 1134 x 663	45,8	EN 10029	1.5415	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 2 R	12	Outside wearing plate	15 x 1134 x 663	45,8	EN 10029	1.5415	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 3 R	12	Inside wearing plate	15 x 617 x 620	22,6	EN 10029	1.5415	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 4 R	12	Inside wearing plate	15 x 617 x 620	22,6	EN 10029	1.5415	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 5 R	12	Inside wearing plate (dismantlable)	15 x 484.5 x 339	14,0	EN 10029	1.5415	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 6 R	12	Inside wearing plate (dismantlable)	15 x 484.5 x 339	14,0	EN 10029	1.5415	EN10204-2.2	5 0HFC40	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 7 R	12	Wearing corner for the fan wheel, right hand construction	130 x 110 x 624	42,3	EN 10293	1.6620	EN10204-2.2	5 0HFC40	Outdoor		

Project-No.: N-100170

Ptolemis

Doc.-No.: N-100170-M-D01-LT09-00002-00_

Ersteller / Abteilung / Datum: Czechacek / ED3 / 02.08.2018

Supply list of: DGS® Mill 180 / Spare parts L1

Ass.: see below

Prüfer / Abteilung / Date: Werner/ ED3 / 02.08.2018



Unit	Spare Part ID	Project	SYS	USYS	Order-no.	Item	Drawing-no.	Assembly / Item	Amount	Designation	Dimensions	Weight per piece [kg]	Standard	Material	Inspection note	KKS	Storage type	NOTE	
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 3 R	12	Inside wearing plate	15 x 617 x 620	22,6	EN 10029	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 4 R	12	Inside wearing plate	15 x 617 x 620	22,6	EN 10029	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 5 R	12	Inside wearing plate (dismantlable)	15 x 484.5 x 339	14,0	EN 10029	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 6 R	12	Inside wearing plate (dismantlable)	15 x 484.5 x 339	14,0	EN 10029	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 7 R	12	Wearing corner for the fan wheel, right hand construction	130 x 110 x 624	42,3	EN 10293	1.6620	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 8 R	12	Wearing corner for the fan wheel, left hand construction	130 x 110 x 624	42,3	EN 10293	1.6620	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 9 R	6	Bandage ring for wheel disc	20 x 85 x 4727	61,5	EN 10029	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 10 R	6	Outside bandage for wheel discs	15 x 145 x 4622	61,5	EN 10029	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 11 R	3	Inside bandage	15 x 152 x 3302	61,5	EN 10029	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 12,21,24,25 R	12	Wearing part behind baffle disc	215 x 329 x 817.6	61,5	EN 10029 EN 10058	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 13 R	24	Bandage part, flame-cut from the outside bandage	15 x 80 x 200	1,9	EN 10029	1.5415	EN10204-2.2	5 0HFC70	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 14	96	Hexagon head bolt	M30 x 150	0,9	acc. Drawing	1.7709	EN10204-3.1	5 0HFC70	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 15	48	Hexagon socket head cap screw	M30 x 151	0,9	acc. Drawing	1.7709	EN10204-3.1	5 0HFC70	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 16	72	Curved spring lock washer	D30,5/D44,1 x 6 thick	0,9	similar DIN 128	Spring steel	EN10204-3.2	5 0HFC70	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 18	60	Supporting bolt	D58H11/D50h11 x40	0,9	EN 10060	1.7709	EN10204-3.1	5 0HFC70	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 19	24	Hexagon socket head cap screw	M30 x 106	0,8	acc. Drawing	1.7709	EN10204-3.1	5 0HFC70	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 20	96	Safety cap for the hexagon head bolt M30	28 x 70 x 65	0,5	EN 10025	1.0577	EN10204-2.2	5 0HFC70	Indoor		
Fan wheel - Wearing parts (Left hand construction)																			
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 1 L	12	Outside wearing plate	15 x 1134 x 663	45,8	EN 10029	1.5415	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 2 L	12	Outside wearing plate	15 x 1134 x 663	45,8	EN 10029	1.5415	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 3 L	12	Inside wearing plate	15 x 617 x 620	22,6	EN 10029	1.5415	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 4 L	12	Inside wearing plate	15 x 617 x 620	22,6	EN 10029	1.5415	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 5 L	12	Inside wearing plate (dismantlable)	15 x 484.5 x 339	14,0	EN 10029	1.5415	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 6 L	12	Inside wearing plate (dismantlable)	15 x 484.5 x 339	14,0	EN 10029	1.5415	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 7 L	12	Wearing corner for the fan wheel, right hand construction	130 x 110 x 624	42,3	EN 10293	1.6620	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 8 L	12	Wearing corner for the fan wheel, left hand construction	130 x 110 x 624	42,3	EN 10293	1.6620	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 9 L	6	Bandage ring for wheel disc	20 x 85 x 4727	61,5	EN 10029	1.5415	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 10 L	6	Outside bandage for wheel discs	15 x 145 x 4622	61,5	EN 10029	1.5415	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 11 L	3	Inside bandage	15 x 152 x 3302	61,5	EN 10029	1.5415	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 12,24,25,26,27 L	12	Wearing part behind baffle disc	215 x 329 x 817.6	61,5	EN 10029 EN 10058	1.5415	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 13 L	24	Bandage part, flame-cut from the outside bandage	15 x 80 x 200	1,9	EN 10029	1.5415	EN10204-2.2	5 0HFC10	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 14	96	Hexagon head bolt	M30 x 150	0,9	acc. Drawing	1.7709	EN10204-3.1	5 0HFC10	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 15	48	Hexagon socket head cap screw	M30 x 151	0,9	acc. Drawing	1.7709	EN10204-3.1	5 0HFC10	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 16	72	Curved spring lock washer	D30,5/D44,1 x 6 thick	0,9	similar DIN 128	Spring steel	EN10204-3.2	5 0HFC10	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 18	60	Supporting bolt	D58H11/D50h11 x40	0,9	EN 10060	1.7709	EN10204-3.1	5 0HFC10	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 19	24	Hexagon socket head cap screw	M30 x 106	0,8	acc. Drawing	1.7709	EN10204-3.1	5 0HFC10	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 20	96	Safety cap for the hexagon head bolt M30	28 x 70 x 65	0,5	EN 10025	1.0577	EN10204-2.2	5 0HFC10	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 1 L	12	Outside wearing plate	15 x 1134 x 663	45,8	EN 10029	1.5415	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 2 L	12	Outside wearing plate	15 x 1134 x 663	45,8	EN 10029	1.5415	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 3 L	12	Inside wearing plate	15 x 617 x 620	22,6	EN 10029	1.5415	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 4 L	12	Inside wearing plate	15 x 617 x 620	22,6	EN 10029	1.5415	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 5 L	12	Inside wearing plate (dismantlable)	15 x 484.5 x 339	14,0	EN 10029	1.5415	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 6 L	12	Inside wearing plate (dismantlable)	15 x 484.5 x 339	14,0	EN 10029	1.5415	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 7 L	12	Wearing corner for the fan wheel, right hand construction	130 x 110 x 624	42,3	EN 10293	1.6620	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 8 L	12	Wearing corner for the fan wheel, left hand construction	130 x 110 x 624	42,3	EN 10293	1.6620	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 9 L	6	Bandage ring for wheel disc	20 x 85 x 4727	61,5	EN 10029	1.5415	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 10 L	6	Outside bandage for wheel discs	15 x 145 x 4622	61,5	EN 10029	1.5415	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 11 L	3	Inside bandage	15 x 152 x 3302	61,5	EN 10029	1.5415	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 12,24,25,26,27 L	12	Wearing part behind baffle disc	215 x 329 x 817.6	61,5	EN 10029 EN 10058	1.5415	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 13 L	24	Bandage part, flame-cut from the outside bandage	15 x 80 x 200	1,9	EN 10029	1.5415	EN10204-2.2	5 0HFC30	Outdoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 14	96	Hexagon head bolt	M30 x 150	0,9	acc. Drawing	1.7709	EN10204-3.1	5 0HFC30	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 15	48	Hexagon socket head cap screw	M30 x 151	0,9	acc. Drawing	1.7709	EN10204-3.1	5 0HFC30	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 16	72	Curved spring lock washer	D30,5/D44,1 x 6 thick	0,9	similar DIN 128	Spring steel	EN10204-3.2	5 0HFC30	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 18	60	Supporting bolt	D58H11/D50h11 x40	0,9	EN 10060	1.7709	EN10204-3.1	5 0HFC30	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 19	24	Hexagon socket head cap screw	M30 x 106	0,8	acc. Drawing	1.7709	EN10204-3.1	5 0HFC30	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 20	96	Safety cap for the hexagon head bolt M30	28 x 70 x 65	0,5	EN 10025	1.0577	EN10204-2.2	5 0HFC30	Indoor		
V	3-0-00970-0	N-100170	M	D31	4500315117	6	N-100170-M-D27-ID16-00001	314 / 1 L	1										

Project-No.: N-100170

Ptolemais

Doc.-No.: N-100170-M-D01-LT09-00002-00_

Ersteller / Abteilung / Datum: Czechaczek / ED3 / 02.08.2018



MITSUBISHI HITACHI POWER SYSTEMS EUROPE

Supply list of: DGS® Mill 180 / Spare parts L1

Ass.: see below

Prüfer / Abteilung / Date: Werner/ ED3 / 02.08.2018

Table with columns: Unit, Spare Part ID, Project, SYS, USYS, Order-no., Item, Drawing-no., Assembly / Item, Amount, Designation, Dimensions, Weight per piece [kg], Standard, Material, Inspection note, KKS, Storage type, NOTE. It lists various mechanical parts like blades, wear plates, and baffles for a fan wheel assembly.

Project-No.: N-100170
Ptolemais

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Supply list of: DGS® Mill 180 / Spare parts L1

Ass.: see below

Prüfer / Abteilung / Date: Werner/ ED3 / 02.08.2018



Unit	Spare Part ID	Project	SYS	USYS	Order-no.	Item	Drawing-no.	Assembly / Item	Amount	Designation	Dimensions	Weight per piece [kg]	Standard	Material	Inspection note	KKS	Storage type	NOTE
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 1	12	Baffle disc, inside wearing plate	20 x 602 x 281	20,3	EN 10029	1.5415	EN10204-2.2	5 OHFC50	Outdoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 2	15	Baffle disc, outside wearing plate	20 x 588 x 275	20,6	EN 10029	1.5415	EN10204-2.2	5 OHFC50	Outdoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 3	54	Hexagon socket countersunk head screw	M24 x 70	0,4	EN ISO 10642	1.7709	EN10204-2.2	5 OHFC50	Indoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 4	54	VOSSLOH-detent edged ring	VSK 24	0,0	(DIN 128)	Spring steel	EN10204-2.2	5 OHFC50	Indoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 5	54	Hexagon nut	M24	0,1	ISO 4032	1.7709	EN10204-2.2	5 OHFC50	Indoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 6	27	Supporting bolt	D58H11/D50h11 x45	0,6	EN 10060	1.7709	EN10204-2.2	5 OHFC50	Indoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 1	12	Baffle disc, inside wearing plate	20 x 602 x 281	20,3	EN 10029	1.5415	EN10204-2.2	5 OHFC60	Outdoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 2	15	Baffle disc, outside wearing plate	20 x 588 x 275	20,6	EN 10029	1.5415	EN10204-2.2	5 OHFC60	Outdoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 3	54	Hexagon socket countersunk head screw	M24 x 70	0,4	EN ISO 10642	1.7709	EN10204-2.2	5 OHFC60	Indoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 4	54	VOSSLOH-detent edged ring	VSK 24	0,0	(DIN 128)	Spring steel	EN10204-2.2	5 OHFC60	Indoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 5	54	Hexagon nut	M24	0,1	ISO 4032	1.7709	EN10204-2.2	5 OHFC60	Indoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 6	27	Supporting bolt	D58H11/D50h11 x45	0,6	EN 10060	1.7709	EN10204-2.2	5 OHFC60	Indoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 1	12	Baffle disc, inside wearing plate	20 x 602 x 281	20,3	EN 10029	1.5415	EN10204-2.2	5 OHFC70	Outdoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 2	15	Baffle disc, outside wearing plate	20 x 588 x 275	20,6	EN 10029	1.5415	EN10204-2.2	5 OHFC70	Outdoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 3	54	Hexagon socket countersunk head screw	M24 x 70	0,4	EN ISO 10642	1.7709	EN10204-2.2	5 OHFC70	Indoor	
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V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 6	27	Supporting bolt	D58H11/D50h11 x45	0,6	EN 10060	1.7709	EN10204-2.2	5 OHFC70	Indoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 1	12	Baffle disc, inside wearing plate	20 x 602 x 281	20,3	EN 10029	1.5415	EN10204-2.2	5 OHFC80	Outdoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 2	15	Baffle disc, outside wearing plate	20 x 588 x 275	20,6	EN 10029	1.5415	EN10204-2.2	5 OHFC80	Outdoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 3	54	Hexagon socket countersunk head screw	M24 x 70	0,4	EN ISO 10642	1.7709	EN10204-2.2	5 OHFC80	Indoor	
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V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 5	54	Hexagon nut	M24	0,1	ISO 4032	1.7709	EN10204-2.2	5 OHFC80	Indoor	
V	3-0-00973-0	N-100170	M	D31	4500315117	3	N-100170-M-D27-ID16-00001	318/ 6	27	Supporting bolt	D58H11/D50h11 x45	0,6	EN 10060	1.7709	EN10204-2.2	5 OHFC80	Indoor	