


Wenn nicht anderweitig angegeben, sind metrische Schachtschrauben entsprechend den HERRENKNECHT-Anweisungen nach folgender Tabelle anzuziehen

Schrauben-Anzugsmomente in Nm
nach AA-HKAG-2.5-026
Reibungskoeffizient $\mu_{ges.} = 0,12$

If not defined otherwise, metric screws have to be tightened in accordance with the prescriptions from HERRENKNECHT in the following table

Screw tightening torques in Nm
according to AA-HKAG-2.5-026
coefficient of friction $\mu_{tot.} = 0,12$

	5.6	8.8	10.9	12.9
M12	35	75	110	130
M20	165	360	520	600

Revision	Change	Date	Drawn	Date	Released
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. ISO 16016					General tolerances
Edges of undefined shape	ISO 13715:2000	Drawing type		assembly	
Geometrical product specification	(GPS) EN ISO 1101:2013	Project		STANDARD-AVN	
Surface specifications according to	EN ISO 1302:1992	Machine type			
 www.herrenknecht.com		Name			
		MOTOR PUMP UNIT MOTORPUMPENEINHEIT 200KW_CSG355-PG517-3FACH			
Date		Name		Drawing number	Sheet
Drawn	02.03.2022	Steiner, Thomas		809-32-200-97	1/1
Released	13.07.2022	Mannherz, Daniel		Scale	Revision
				1:10	-
				Material no.	Format
				40620360	A3
				Material	Weight/kg
					1302
				Projection	

Baukastenstückliste modular BOM



Projekt
Material 40620360
Bezeichnung 1 MOTORPUMPENEINHEIT

Zchnng.Nr/ver 809-32-200-97 / -
Gewicht 1.302 KG
Werk 1000

project
material 40620360
description 1 MOTOR PUMP UNIT

draw.No/ver 809-32-200-97 / -
weight 1.302 KG
plant

Pos.	Typ type	Material	Menge qty	Bezeichnung 1 / Bezeichnung 2	description 1 / description 2	Zchnng.Nr/ver/Bpf draw.No/ver	Gewicht weight
100	Z	23000578	1,000 ST	DREHSTROM-ASYNCHRONMOTOR	THREE-PHASE ASYNCHRON. MOTOR		940,00 KG
101	Z	23800489	1,000 ST	PUMPENTRÄGER	PUMP CARRIER		13,50 KG
102	Z	23504050	1,000 ST	AXIALKOLBEN-VERSTELLPUMPE	AXIAL PISTON VARIABLE PUMP		237,00 KG
103	Z	23502649	1,000 ST	ZAHNRADPUMPE	GEAR PUMP		28,20 KG
104	Z	23700640	1,000 ST	KUPPLUNG ELASTISCH	COUPLING ELASTIC		27,74 KG
105	Z	23904650	2,000 ST	DÄMPFUNGSSCHIENE	DAMPING RAIL		26,00 KG
106	L	28001083	1,000 ST	O-RING	O-RING		2,00 G
200	L	24003184	8,000 ST	SECHSKANTSCHRAUBE GVZ M20X55-8.8-DIN933	HEX.HEAD SCREW ZP M20X55-8.8-DIN933		0,19 KG
201	L	24003777	4,000 ST	SECHSKANTSCHRAUBE M.SCHAFT GVZ M20X70-8.8-DIN931	HEX.HEAD BOLT ZP M20X70-8.8-DIN931		0,23 KG
202	L	24007751	2,000 ST	SECHSKANTSCHRAUBE M.SCHAFT GVZ M12X55-8.8-DIN931	HEX.HEAD BOLT ZP M12X55-8.8-DIN931		0,06 KG
203	L	24007872	4,000 ST	SECHSKANTSCHRAUBE GVZ M20X40-8.8-DIN933	HEX.HEAD SCREW ZP M20X40-8.8-DIN933		0,16 KG
204	L	24000211	2,000 ST	SCHEIBE GVZ A13-140HV-DIN125	WASHER ZP A13-140HV-DIN125		6,00 G
205	L	24007437	16,000 ST	SCHEIBE GVZ A21-140HV-DIN125	WASHER ZP A21-140HV-DIN125		17,20 G

* Z = Infoteil
* Z = reference part