



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
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Edges of undefined shape	ISO 13715:2000	Drawing type		General tolerances	
Geometrical product specification	(GPS) EN ISO 1101:2013	assembly			
Surface specifications according to	EN ISO 1302:1992	Project		Machine type	
 www.herrenknecht.com		STANDARD-AVN			
		Name			
		MOTOR PUMP UNIT			
		MOTORPUMPENEINHEIT			
		200KW_CSG355-PG517-3FACH			
Drawing number		Sheet	Revision	Format	
809-32-200-97		1/1	-	A3	
Drawn	Date	Name	Scale	Material no.	Material
Released	13.07.2022	Mannherz, Daniel	1:10	40620360	
			Weight/kg	Projection	
			1302		

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