

INSPECTION CERTIFICATE 3.1 AND DECLARATION BY THE MANUFACTURER FOR MASTER LINK ASSEMBLIES VW, VMW, VAW

Nr.: E15-8W Ausg.-Nr.: 11 Date: 01.01.2014

In general:

Herewith we declare for the articles mentioned in this certificate in accordance with the Machinery Directive 2006/42/EG:

Following essential requirements of Annex I of the Directive are applied and fulfilled: 1.1.3, 1.3.4, 1.5.4, 4.1.2.3, 4.1.2.5, 4.3, 4.4.1

The relevant technical documentation is compiled in accordance with part B of Annex VII and will be transmitted electronically in response to a reasoned request by a national competent authority. The person authorized to compile this documentation is signatory of this certificate.

Declaration by the manufacturer:

Statement: This is to inform you that the articles mentioned in this certificate are to be incorporated in lifting accessories in terms of the Machinery Directive 2006/42/EG. The articles must not be put into service until the lifting accessories into which it is to be incorporated has been declared in conformity with the provisions of the Directive. In addition it is a precondition to put it into service that the instruction (visible under www.pewag.com) for use has been read and understood. In case of any not by pewag approved changes of the product this declaration gets invalid.

***Declaration of Conformity:

This is to inform you that the product mentioned in this inspection certificate complies with all the essential requirements of the EU Machinery Directive 2006/42/EC. This declaration has no legal effect if any changes to the product are introduced without pewag's approval.

Standards used: EN 1677-4, but mechanical values according grade 10

Manufacturer's code: PW or H16
Grade: 8W or 10

Valid for items and mechanical properties: AR,AT,AR,AUS,BE,BG,BR,CAN,CH,CL,CZ,DE,DK,EE,ES,FI,

FR,GB,GR,HR,HU,I,IE,IL,IS,KR,LT,LU,LV,MT,NL,NO,NZ,PE,PL,P

 $\mathsf{T}, \mathsf{QA}, \mathsf{RO}, \mathsf{RU}, \mathsf{SCG}, \mathsf{SE}, \mathsf{SK}, \mathsf{SLO}, \mathsf{TR}, \mathsf{TW}, \mathsf{UA}, \mathsf{ZA}$

| Articledescription | product code | Marking *) | Working load limit [t] | | min. proof force [kN] | | min. Breaking |
|---------------------------------|--------------|----------------|---------------------------|---------|-----------------------|---------|------------------|
| | | | 0-45° | 45°-60° | mpf 4 | mpf 3 | load [kN] |
| Master link assemblies VW 5 | AG13 / B10 | -C,D,E,F,G,H,I | 2,30 | 1,60 | 56,4 | 43,0 | 90,3 |
| Master link assemblies VW 6 | A18 / BG13 | | 4,20 | 3,00 | 103,0 | 78,5 | 165,0 |
| Master link assemblies VW 7/8 | A22 / BG16 | | 7,60 | 5,40 | 186,0 | 142,0 | 298,0 |
| Master link assemblies VW 10 | A26 / B20 | | 9,60 | 6,80 | 235,0 | 179,0 | 377,0 |
| Master link assemblies VW 13 | A32 / B22 | | 14,00 | 10,00 | 343,0 | 262,0 | 549,0 |
| Master link assemblies VW 16 | A36 / B26 | | 21,20 | 15,00 | 520,0 | 396,0 | 832,0 |
| Master link assemblies VW 19/20 | A50 / B32 | | 34,10 | 24,30 | 836,0 | 637,0 | 1.338,0 |
| Master link assemblies VW 22 | A50 / B36 | | 40,00 | 28,50 | 981,0 | 747,0 | 1.570,0 |
| Master link assemblies VW 26 | A56 / B45 | G,H,I | 56,00 | 40,00 | 1.370,0 | 1.040,0 | 2.200,0 |

| Articledescription | product code | Marking *) | Working load limit [t] | | min. proof force [kN] | | min. Breaking |
|---------------------------------------|--------------|---------------|---------------------------|---------|-----------------------|-------|------------------|
| | | | 0-45° | 45°-60° | mpf 4 | mpf 3 | load [kN] |
| Enl. master link assemblies VMW 6 | M18 / BG13 | C,D,E,F,G,H,I | 4,20 | 3,00 | 103,0 | 78,5 | 165,0 |
| Enl. master link assemblies VMW 7/8 | M22 / BG16 | | 6,60 | 4,70 | 162,0 | 123,0 | 259,0 |
| Enl. master link assemblies VMW 10 | M26 / B20 | | 10,10 | 7,20 | 248,0 | 189,0 | 396,0 |
| Enl. master link assemblies VMW 13 | M32 / B22 | | 15,70 | 11,20 | 385,0 | 293,0 | 616,0 |
| Enl. master link assemblies VMW 16 | M36 / B26 | | 21,20 | 15,00 | 520,0 | 396,0 | 832,0 |
| Enl. master link assemblies VMW 19/20 | M56 / B32 | -G,H,I | 34,10 | 24,30 | 836,0 | 637,0 | 1.340,0 |
| Enl. master link assemblies VMW 22 | M56 / B36 | | 40,00 | 28,50 | 981,0 | 747,0 | 1.570,0 |

| Articledescription | product code | Marking *) | Working load limit [t] | | min. proof force [kN] | | min. Breaking |
|-------------------------------------|--------------|---------------|---------------------------|---------|-----------------------|---------|------------------|
| | | | 0-45° | 45°-60° | mpf 4 | mpf 3 | load [kN] |
| Spec. master link assemblies VAW 6 | A18 / AG13 | C,D,E,F,G,H,I | 3,00 | 2,10 | 73,6 | 56,1 | 118,0 |
| Spec. master link assemblies VAW 8 | A22 / A16 | | 5,30 | 3,70 | 130,0 | 99,0 | 208,0 |
| Spec. master link assemblies VAW 10 | A32 / A22 | | 10,10 | 7,20 | 248,0 | 189,0 | 396,0 |
| Spec. master link assemblies VAW 13 | A36 / A26 | | 14,30 | 10,20 | 351,0 | 267,0 | 561,0 |
| Spec. master link assemblies VAW 16 | A45 / A32 | | 22,20 | 15,80 | 544,0 | 415,0 | 871,0 |
| Spec. master link assemblies VAW 19 | A50 / A36 | | 32,90 | 23,50 | 807,0 | 615,0 | 1.290,0 |
| Spec. master link assemblies VAW 22 | A50 / 45 | | 40,40 | 28,80 | 991,0 | 755,0 | 1.590,0 |
| Spec. master link assemblies VAW 26 | A56 / A50 | G,H,I | 58,00 | 41,40 | 1.420,0 | 1.080,0 | 2.280,0 |

^{*)} First letter of the batch code

The mechanical demands will be achieved respectively exceeded. This certificate is valid from date of release till release of the next edition.

Quality assurance dept./Manager QM: i.A. Zdenek Korous

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