

Scope according to	<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input checked="" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)																																														
Company Name: PIOMA-ODLEWNIA Sp. z o.o.		Work		TÜV-Name /Stamp																																														
Location: 97-300 Piotrków Trybunalski, ul. R. DMOWSKIEGO 38		Oddział Stalowa Wola 37-450 Stalowa Wola, Ul. Kwiatkowskiego 1		TÜV Rheinland Industrie Service GmbH																																														
Cur No.	Materials-term Materials-No.	Material Specification	Delivery Cond. *	Article Type of Product																																														
1	2	3	4	5																																														
<b>1. Materials according to harmonized European standards (PED) and European Approval for Materials</b> The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.																																																		
1.	GP-240GH	PN-EN 10213	N																																															
2.	G17CrMo5-5, G17CrMo9-10, G17CrMoV5-10	PN-EN 10213	QT																																															
3.	G17Mn5, G20Mn5	PN-EN 10213	N/QT																																															
4.	GX5CrNi19-10, GX5CrNiNb19-11, GX5CrNiMo19-11-2	PN-EN 10213	S																																															
5.	GE200, GE240	PN-EN 10293	N																																															
6.	EN-GJL-200, EN-GJL-250, EN-GJL-300	EN 1561	SR																																															
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<table border="1"> <thead> <tr> <th rowspan="2">Cur No.</th> <th rowspan="2">Materials-term Materials-No.</th> <th rowspan="2">Material Specification</th> <th rowspan="2">Delivery Cond. *</th> <th rowspan="2">Article Type of Product</th> <th rowspan="2">Dimensions Thickness mm</th> <th colspan="2">Dimensions Ø mm</th> <th rowspan="2">Weight max</th> <th rowspan="2">Technical Specifications Requirements Technical Regulations</th> <th rowspan="2">Remarks</th> </tr> <tr> <th>Fro m</th> <th>Up to</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>Fro m</td> <td>Up to</td> <td>1 = t / 2=kg</td> <td>9</td> <td>10</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6a</td> <td>6b</td> <td>↓</td> <td>8a</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Res ult</td> <td>8b</td> <td></td> <td></td> </tr> </tbody> </table>					Cur No.	Materials-term Materials-No.	Material Specification	Delivery Cond. *	Article Type of Product	Dimensions Thickness mm	Dimensions Ø mm		Weight max	Technical Specifications Requirements Technical Regulations	Remarks	Fro m	Up to	1	2	3	4	5	Fro m	Up to	1 = t / 2=kg	9	10							6a	6b	↓	8a										Res ult	8b		
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<b>Erläuterung</b> * +AT = solution treated +N = Normalized or normalizing formed +SR = stress relieved +M = thermo mechanical treated +AR = not treated +QT = quenched and tempered +NT = normalized and tempered +S = soft annealed a = material b = delivery condition c = article d = dimensions in tech. regulations e = weight f = No. of tech. regulation g = PMA for the use in pressure equipment in Directive 2014/68/EU necessary																																																		

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Manufacturer				Nationality		TÜV-Name /Stamp							
Company Name: PIOMA-ODLEWNIA Sp. z o.o.		Oddział Stalowa Wola 37-450 Stalowa Wola, Ul. Kwiatkowskiego 1		PL		TÜV Rheinland Industrie-Service GmbH							
Location: 97-300 Piotrków Trybunalski, ul. R. DMOWSKIEGO 38		Delivery Cond. *		Date		Page No. of :							
				07.12.17		2							
				Rev.: 1		3							
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					Thickness mm	Ø mm							
					Fro m	Up to m	Up to mm	↓ Res ult					
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10	
<b>2. Materials according to the AD 2000-Code</b>													
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6.	EN-GJL-200, EN-GJL-250, EN-GJL-300	EN 1561	SR						5		W 3/1		
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Materials-term Materials-No.		Delivery Cond. *	07.12.17	3
Material Specification		Dimensions	Rev.:1	of: 3
3		Thickness mm	Technical Specifications Requirements	
2		Fro to 6a	Technical Regulations	
3		Up to 6b	Remarks	
4		Fro to 7a	9	
4		Up to 7b	10	
5		Fro to 8a		
5		Up to 8b		
5		Weight max		
5		1=t / 2=kg		
5		↓ Res		
5		uit		

**3. Materials according to international standards ( e. g. ASTM, ASME, IBR etc. )**

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1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
WBC	ASTM A216	QT	Castings						9
WC9	ASTM A217	QT	Castings						9
CF8M	ASTM A351	QT	Castings						9

**Erläuterung**

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 +N = Normalized or normalizing formec  
 +SR = stress relieved  
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