

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+)								
Manufacturer		Work		Nationality	Date	Page No..						
Company Name: Hebei Xinfeng High-Pressure Flange and Pipe Fitting Co., Ltd. Location: Beihuan Development Zone, Mengcun County 061400, Hebei Province, P.R. China		Same as left		China	19.Jan.17	1	TÜV Rheinland Industrie Service GmbH					
					Rev.: 1	of : 3						
Cur	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max kg	Technical Specifications Requirements Technical Regulations	Remarks	
					Thick- ness mm	DN mm						
					from	Up to	from	Up to	res ult			
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU												
The use of the materials according to Directive 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	1.4301; 1.4307; 1.4311	DIN EN 10222-5	AT	Forged flange	12	100	15	1200	--	--	PED 2014/68/EU	
2	P245GH; P250GH; P280GH	DIN EN 10222-2	N	Forged flange	12	100	15	1200	--	--	PED 2014/68/EU	
3	S235JRG2	DIN EN 10250-2	N	Forged flange	12	100	15	1200	--	--	PED 2014/68/EU	
Remarks	+AT = solution treated +AR = not treated +M = thermo mechanical treated +N = normalized or normalizing formed			+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved			a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary					

张清力 2017.1.19日

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					Thick-ness mm		DN mm					
					from	Up to	from	Up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
3. Materials according to international standards (e. g. ASTM, ASME, IBR etc.)												
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	F304; F304L;F304H;F316;F316L, F316H; F321;F321H, F51	ASTM A182	AT	Forged flange	12	100	15	1200	--	--	PED 2014/68/EU	a
2	A105	ASTM A105	N	Forged flange	12	100	15	1200	--	--	PED 2014/68/EU	a
3	C22.8	DIN 17243	N	Forged flange	12	100	15	1200	--	--	PED 2014/68/EU	a
Results												
+AT = solution treated			+NT = normalized and tempered			a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary						
+AR = Not treated			+QT = quenched and tempered									
+M = thermo mechanical treated			+S = soft annealed									
+N = normalized or normalizing formed			+SR = stress relieved									

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2017.1.17