

6 ±0,1

30 120 ±2

120 400 ±2

400 1000 ±3

4000 8000

12000 16000

über/over 20000 ±16

8000 12000 ±10

±6

±8

±12

±0,2

D über/over

	1			2				3				4				5			6				7			1
		EXCERPT FROM ASME PTC 19.5-2004, TABLE 7-1.2-1 REQUIRED STRAIGHT LENGTHS FOR ORIFICE PLATES AND NOZZLES																								
Α				ingle 90° bend or tee		Several 90° bends, same plane		Several 90° bends, different planes		D over length		Expander 0.5D to D over length of D to 2D		Globe Valve Fully Open		Gate Valve Fully Open		Abrupt diameter reduction		Thermometer- pocket, Ø ≤ 0,03 Di		ometer- Ø > 0,03 Di	Downstream (Outlet) section			
	† [	1	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B	7A	7B	8A	8B	9A	9B	10A	10B	11A	11B	12A	12B		
		0.591	30.41	15.21	43.93	21.96	81.10	40.55	15.21	8.45	37.17	18.59	43.93	21.96	23.65	11.83	50.69	25.34	8.45	5.07	33.79	16.90	11.83	11.83		
В		(b) The (c) Colu	es expre pipe roug mn A for ımn B for	ghness s each fitt	hall not e	exceed to	hat of a s correspo	onding t	o "zero a	ddition	al uncer	tainty" v	alues.	ely k/D	< 10-3.											
C																										
		erte Maße nac ute Dimension 3-mittel																								

								1		
Clasification: NBEP	SME Section I, Ed. 2013	2042	D	Modification of diame	ater d20	13.04.16	LB			
	ME B31.1 Edition 2014 +		C		07.04.16		-			
Stamping:	N.A. (not required by co	ustomer)		Modification of pressu Implementation of cu			1			
NB Registration:	N.A. (not required by c	ustomer)	В	comments	STOTTIET	03.02.16	LB			
appl. Code cases:		None	Α	For release		02.01.15	LB	t		
Medium:		water	Index rev.	Änderungshinweis , revision	Datum Date	Name				
PWHT:		NO	Revisions							
Baujahr/Year built	:	2016	Inspe	Inspector: SEIK						
Gew./Weight: (kg	~13,5 II	b / 6,1 kg	Einbaulage/mounting pos.: horizonta							
Abmessungen./Di	mensions: (mm)	Druckentnahmestutzen/taps: 1 pair								
	96 mm H: 128 mm 7,72 in 5,05 in	Corrosion protection: Remosil								
PS (max. Pressure)	:4470Psig/ 30820kPa /30	8,2 bar(g)	Oberflächenbeh./Surface treatment:							
TS (max. Temp.):	369°F/ 1	87 °C	KKS-N	r./TAG-No.:	Fabr. Nr./Ser	/Serial No.:				
PT (Testpressure):In	line!6701Psig/ 46200kPa/	462bar(g)	1	HP-FE3002	5_2816					
Isolierstärke/ Insulation	on thickness	0 mm	1					f		
Corrosion allowance	):	0 mm	1							
Kunde/Customer:			Bener	nnung/Title:		2" Sch	. 160	1		
D		Flow device with lolg radius nozzle Cl. 2500 HP Attemperator Spraywater Flow Element								
et POWer										
Projekt/Project.:		7eichnungs-Nr /Drawing-No : Type:								

FLOWCONTROL

Zeichnungs-Nr./Drawing-No.:

Type: HVLD

Seiko: A 1 60 200 88 - 1 50 7 1 2 / 0 2

Projekt/Project.: V17494 - Middletown Energy Center & V17495 - Kings Moutain Energy Center

PO: V0009647 Item #2 HO: A16020088-150712

Kunde: Vogt Power International (VPI)

2

3

4

5

6

8

2/2