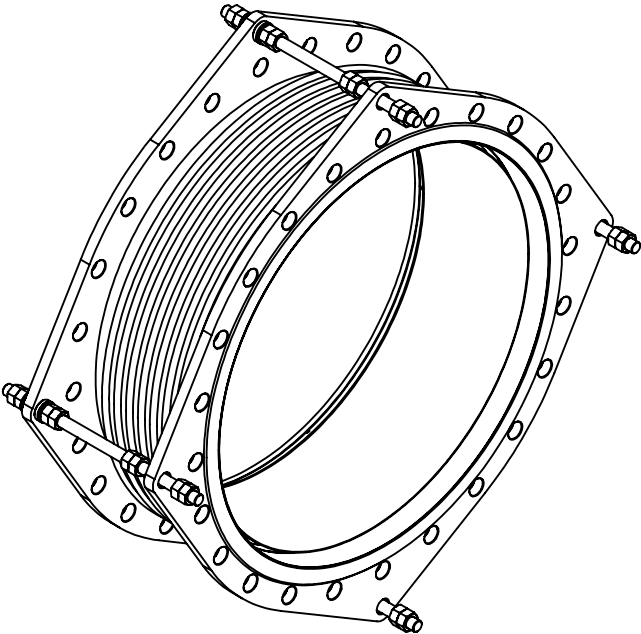
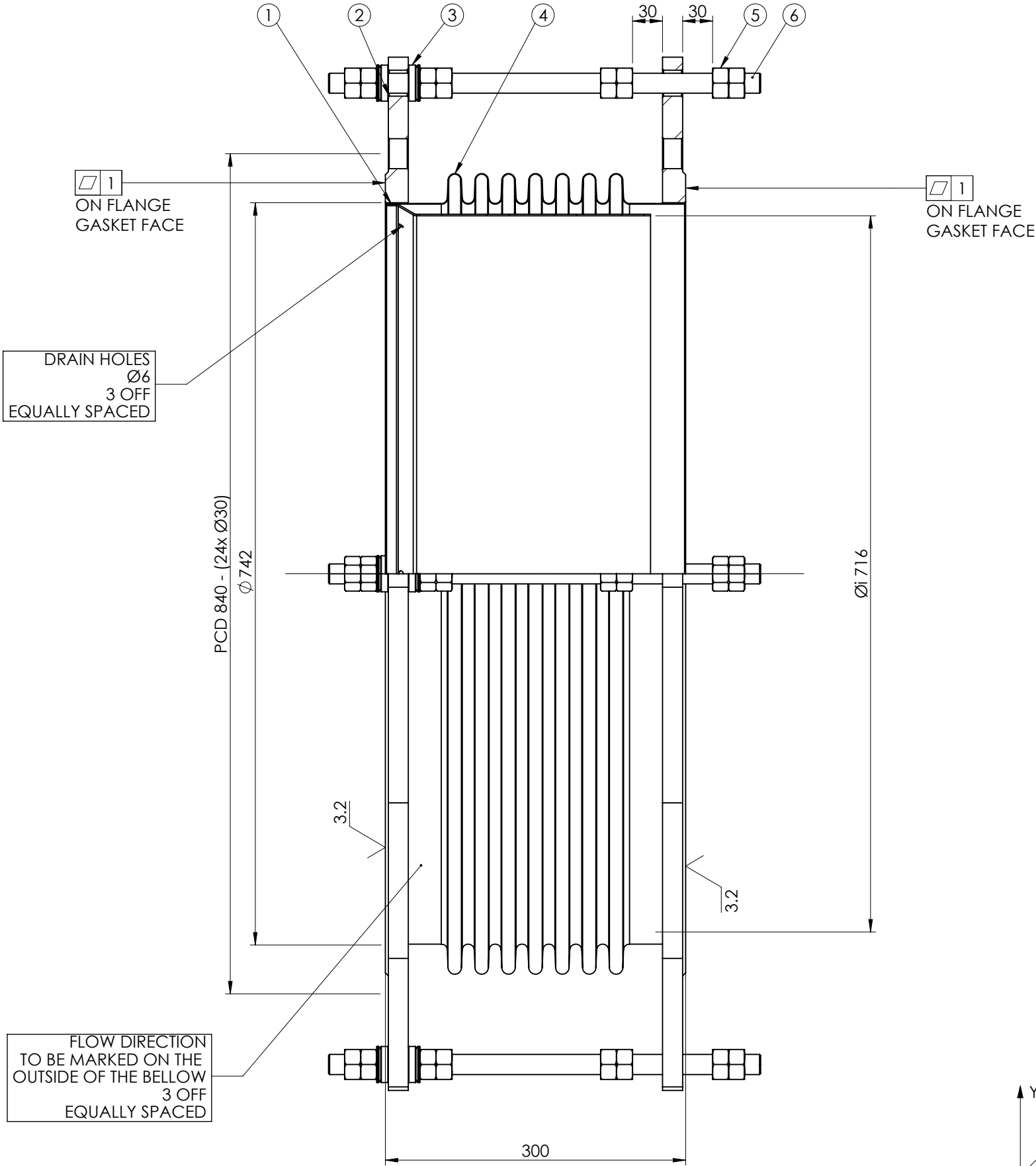


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	DESIGN PRESSURE CHANGED	21-07-2016	EP
2	THICKNESS OF FLANGE CHANGED	09-08-2016	EP



Design Conditions
 Temperature: 10 / 125 °C
 Pressure: 0 / 0.85 bar
 Media: Gas
 Flow Velocity: 3 m/s
 Flow Direction: Vertical - (Upward)

Movements - Non Concurrent
 Axial Compression: 30 mm
 Axial Extension: 30 mm
 Lateral: ±4 mm
 Angular Rotation: -

External Forces
 -

Elastic Spring Rates
 Axial: 283 N/mm
 Lateral: 7089 N/mm
 Angular: 365 Nm/°

Pressure Thrust: 46.53 kN/bar
 Cycles: 61761

NOTE:
 TRANSPORT BARS NOT SHOWN
 PAINTED YELLOW & TAGGED
 "REMOVE AFTER INSTALATION"

Designed & Manufactured acc.:
 EN14917
 Weldjoint factor: z = 0.7

NOT - acc. to PED 2014/68/EU

LBH WELD- & NDT-PLAN:
 33853-0101

Pressure Test:
 With water at 1.5 bar

Total weight: 97.5 kg/unit



PART	DESCRIPTION	QTY.	MATERIAL	CODE
1	Internal Sleeve - Di 716 x 264 x 1.5	1	1.4404 (316L)	EN10028-7
2	Flange - PL. 23 - Drilled acc. to EN1092-1 / DN700 / PN10	2	1.4404 (316L)	EN10088-1
3	Inlet Spherical Seat washer - M20	8	8.8	DIN6319-C/D
4	Bellows Element - 1 x 0.7 - 7 conv.	1	1.4404 (316L)	EN10028-7
5	Nut - M20	32	8.8	ISO4032
6	Limit Rod - M20 x 432	4	8.8	EN898-1

General tolerances for

Welded parts:
 ISO 13920 BF

Machined parts:
 ISO 2768-1c



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Drwn. EP
 Date 20.07.2016

Reference no.
 33853

Exp.joint type
 LAT.007-II

Customer
 Howden Turbo Fans Oy

Project:
 Project F519898 010
 DN700

Drawing No.
 FIN 33853-010

Rev.
 2

Sheet
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