

## Welding neck flange. PN 16

### Introduction

This standard is an excerpt from SMS 2033<sup>1)</sup>.

### 1 Designation

**Welding neck flange SMS 2033 - DN**

#### 1.1 Example

**Welding neck flange SMS 2033 - 100**

### 2 Requirements

#### 2.1 Material

SS Steel 1430<sup>1)</sup>.

#### 2.2 Construction

Press formed, forged or made from rolled section and welded together. External edges shall be free from burrs.

#### 2.3 Marking

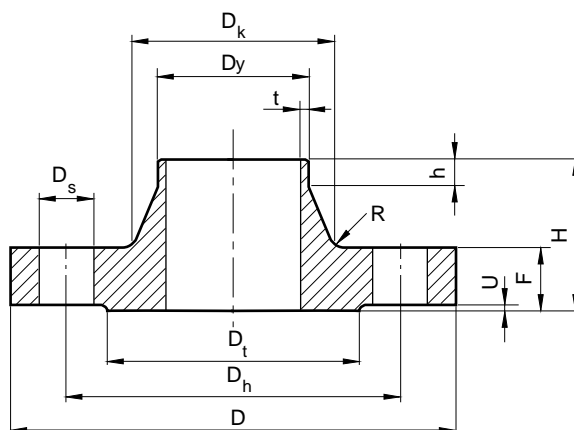
In accordance with SMS 2022<sup>1)</sup>.

#### 2.4 Pressures and temperatures

In accordance with SMS 333<sup>1)</sup>.

1) Swedish standard

### 2.5 Dimensions



For DN 15-80 flanges for PN40 in accordance with SSG 1054 are to be used.

DN	Pipe $D_y$	t	D	$D_k$	$D_t$	H	h	F	U	R	Holes for bolts			
											No	$D_s$	$D_h$	Clearance for thread
100	114,3	3,6	220	131	158	52	12	20	3	8	8	18	180	M 16
150	168,3	4,5	285	184	212	55	12	22	3	10	8	22	240	M 20
200	219,1	5,9	340	235	268	62	16	24	3	10	12	22	295	M 20
250	273	6,3	405	292	320	70	16	26	3	12	12	26	355	M 24
300	323,9	7,1	460	344	370	78	16	28	4	12	12	26	410	M 24
350	355,6	8	520	390	430	82	16	30	4	12	16	26	470	M 24
400	406,4	8	580	445	482	85	16	32	4	12	16	30	525	M 27
500	508	8	715	548	585	90	16	34	4	12	20	33	650	M 30
600	610	8,8	840	652	685	95	18	36	5	12	20	36	770	M 33