

Transformed

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

**ISO RECOMMENDATION
R 2084**

PIPELINE FLANGES FOR GENERAL USE

MATING DIMENSIONS

1st EDITION

October 1971

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BRIEF HISTORY

The ISO Recommendation R 2084, *Pipeline flanges for general use – Mating dimensions*, was drawn up by Technical Committee ISO/TC 5, *Metal pipes and fittings*, the Secretariat of which is held by the Association Suisse de Normalisation (SNV).

Work on this question led to the adoption of Draft ISO Recommendation No. 2084, which was circulated to all the ISO Member Bodies for enquiry in September 1970. It was adopted, subject to a few modifications of an editorial nature, by the following Member Bodies :

Canada	Israel	Sweden
Chile	Italy	Switzerland
Denmark	Japan	Thailand
Finland	Netherlands	Turkey
France	New Zealand	U.A.R.
Germany	Norway	United Kingdom
Greece	Poland	U.S.S.R.
Hungary	Romania	
India	South Africa, Rep. of	

The following Member Body opposed the approval of the Draft :

Belgium

This Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided to accept it as an ISO RECOMMENDATION.

PIPELINE FLANGES FOR GENERAL USE

MATING DIMENSIONS

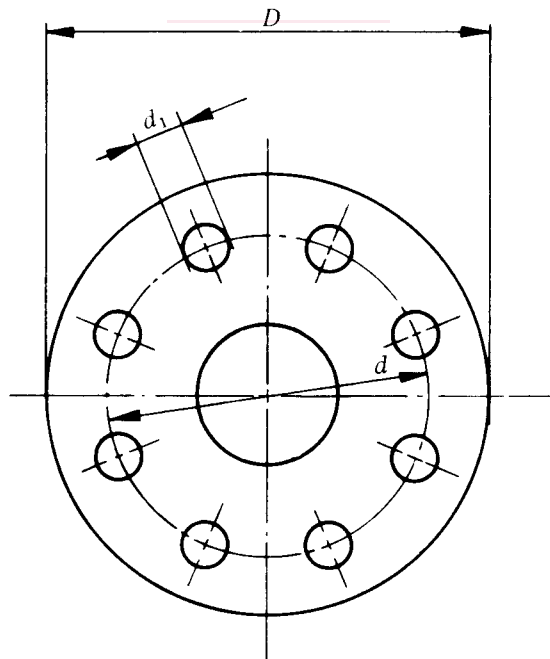
1. SCOPE

This ISO Recommendation tabulates the mating dimensions of all kinds of pipeline flanges for general use.

The same mating dimensions are only indicated once.

There is no nominal diameter in brackets, so that every country can choose nominal diameters suitable for its own usage.

2. SYMBOLS



- DN = nominal diameter of pipeline
- D = outside diameter of flange
- d = pitch circle diameter of bolts
- d_1 = bolt hole diameter (according to ISO Recommendation R 273, medium series)
- Th. = thread of bolts
- n = number of bolts
- PN = nominal pressure in bars

