INTERNATIONAL STANDARD ISO 3922

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Continuous mechanical handling equipment — Rotary vane feeder — Dimensional specifications

Engins de manutention continue — Écluses rotatives — Spécifications dimensionnelles

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FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 3922 was developed by Technical Committee ISO/TC 101, *Continuous mechanical handling equipment*, and was circulated to the member bodies in October 1975.

It has been approved by the member bodies of the following countries:

Australia	Germany	Turkey
Austria	India	United Kingdom
Belgium	Korea, Rep. of	U.S.S.R.
Bulgaria	Mexico	Yugoslavia
Czechoslovakia	Romania	
France	Spain	

No member body expressed disapproval of the document.

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Continuous mechanical handling equipment — Rotary vane feeder — Dimensional specifications

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the dimensional characteristics of rotary vane feeders.

2 REFERENCES

ISO/R 773, *Rectangular or square parallel keys and their corresponding keyways (Dimensions in millimetres).*

ISO/R 775, *Cylindrical and 1/10 conical shaft ends.*

ISO 2148, *Continuous handling equipment — Nomenclature.*

3 DIMENSIONS

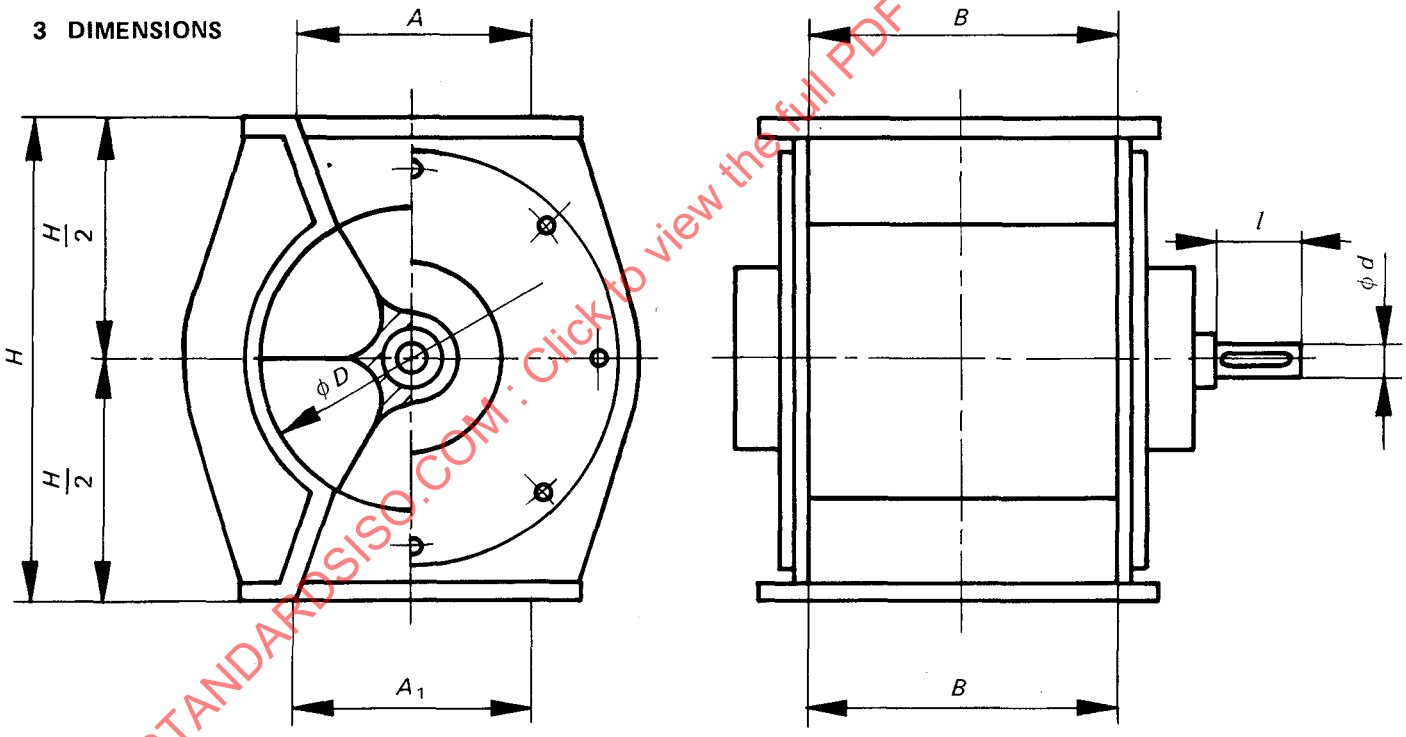

TABLE 1

Dimensions in millimetres

D	160	200	250	315	400	500	630	800	1 000
A	125	160	200	250	315	400	500	630	800
A_1	125 160	160 200	200 250	250 315	315 400	400 500	500 630	630 800	800 1 000
B	125 160 200	160 200 250	200 250 315	250 315 400	315 400 500	400 500 630	500 630 800	630 800 1 000	800 1 000 1 250
H	250	315	400	500	630	800	1 000	1 250	1 600
d*	25	32	32	40	45	50	60	80	100
l*	60	80	80	110	110	110	140	170	210

* Shaft ends in accordance with ISO/R 775.
Keys and keyways in accordance with ISO/R 773.

Inlets and discharges shall be in accordance with table 2 :

TABLE 2

Shape		Inlet	Discharge
Round	ϕ	A	A_1
Square	sides	A	A_1
Rectangular	sides	$A \times B$	$A_1 \times B$