

PDAB
two-bearing units

SKF Mekan AB

2001-06-05/Maria Hane

New complete two-bearing unit



- Available for shaft diam. range 20 – 60 mm
- Single row deep groove ball bearings of serie 63
- Supplied with bearings and shaft
- Ready greased and sealed against contamination
- Finished shaft ends, fitted with key, end plate and screw

Advantages

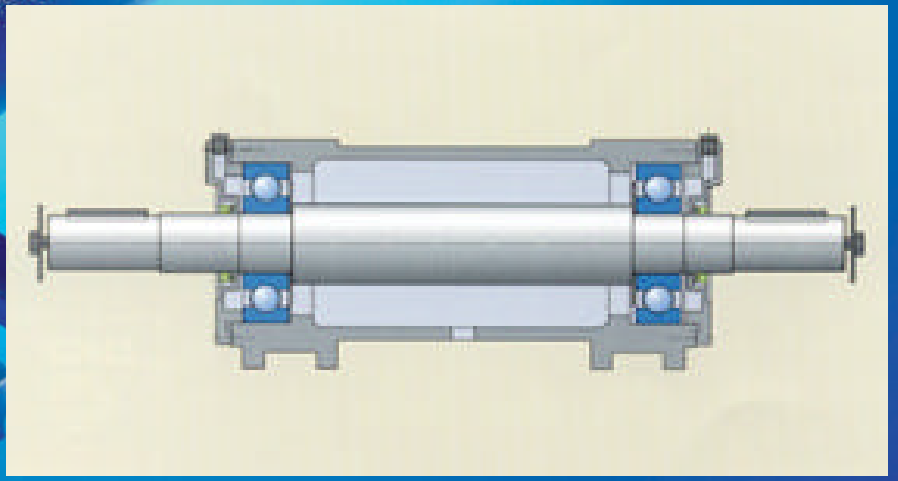


- ✓ Compact design, just one housing and no need of self-aligning bearings
- ✓ Deep groove ball bearings inside gives accurate running
- ✓ Easy and fast mounting
- ✓ Low noice running as shaft is beared in one housing only and aligned
- ✓ Safe installation, prevent bearing damages
- ✓ Easy purchasing and handling
- ✓ Competitive cost

General data

Design

- a shaft
- two SKF deep groove ball bearings of serie 63
- grease nipple at each end



General data

Design

Seals

- V-ring seals made of nitrile rubber
- The V-rings are suitable for operating temperatures of between –40 - +100°C



General data

Design

Seals

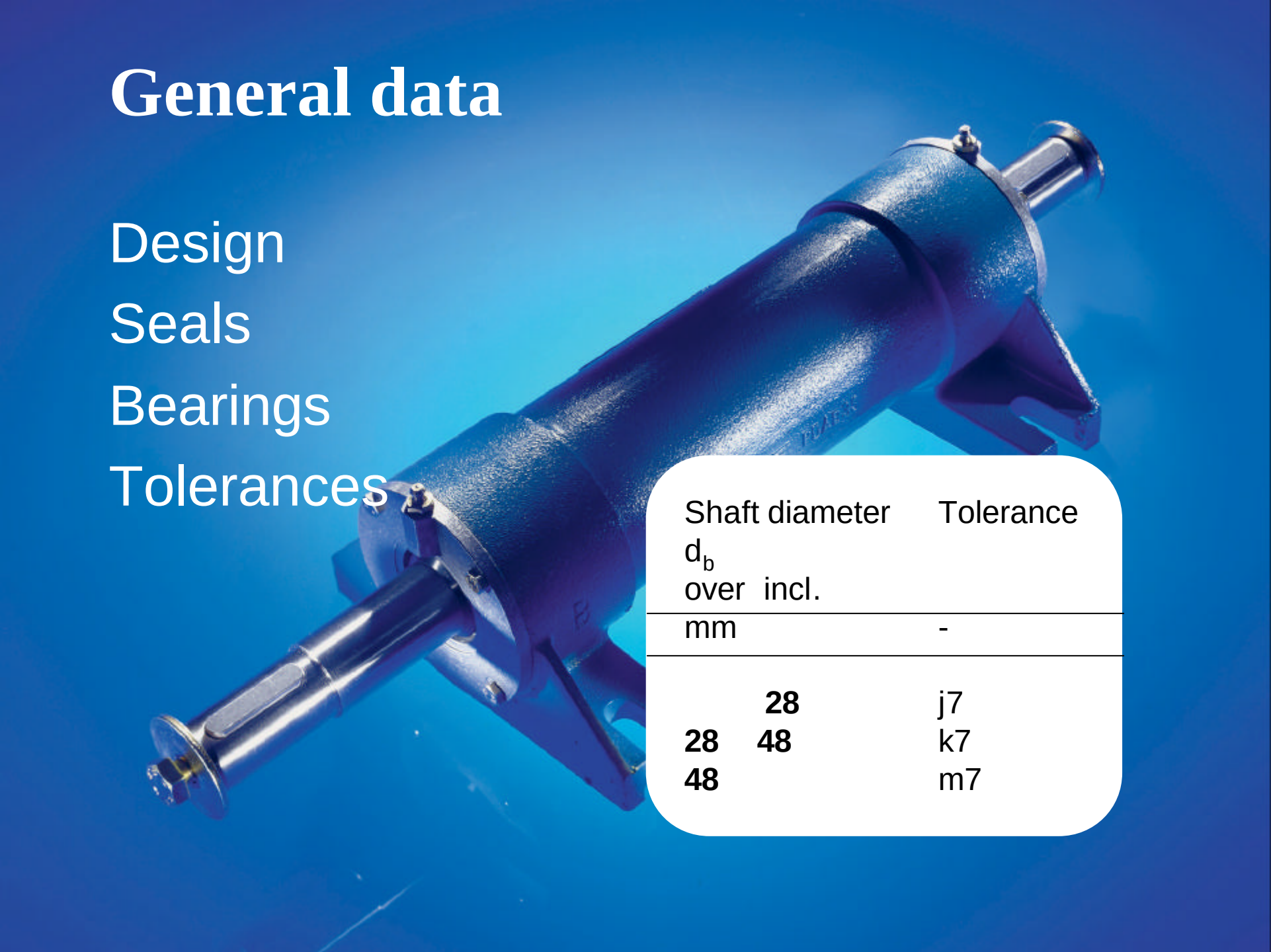
Bearings

- SKF single row deep groove ball bearings of serie 63
- Robust and suitable for radial and axial load as well as the speeds normally encountered in fan applications



General data

Design
Seals
Bearings
Tolerances



Shaft diameter d_b over	incl.	Tolerance
mm		-
	28	j7
28	**48**	k7
48		m7

General data



Design

Seals

Bearings

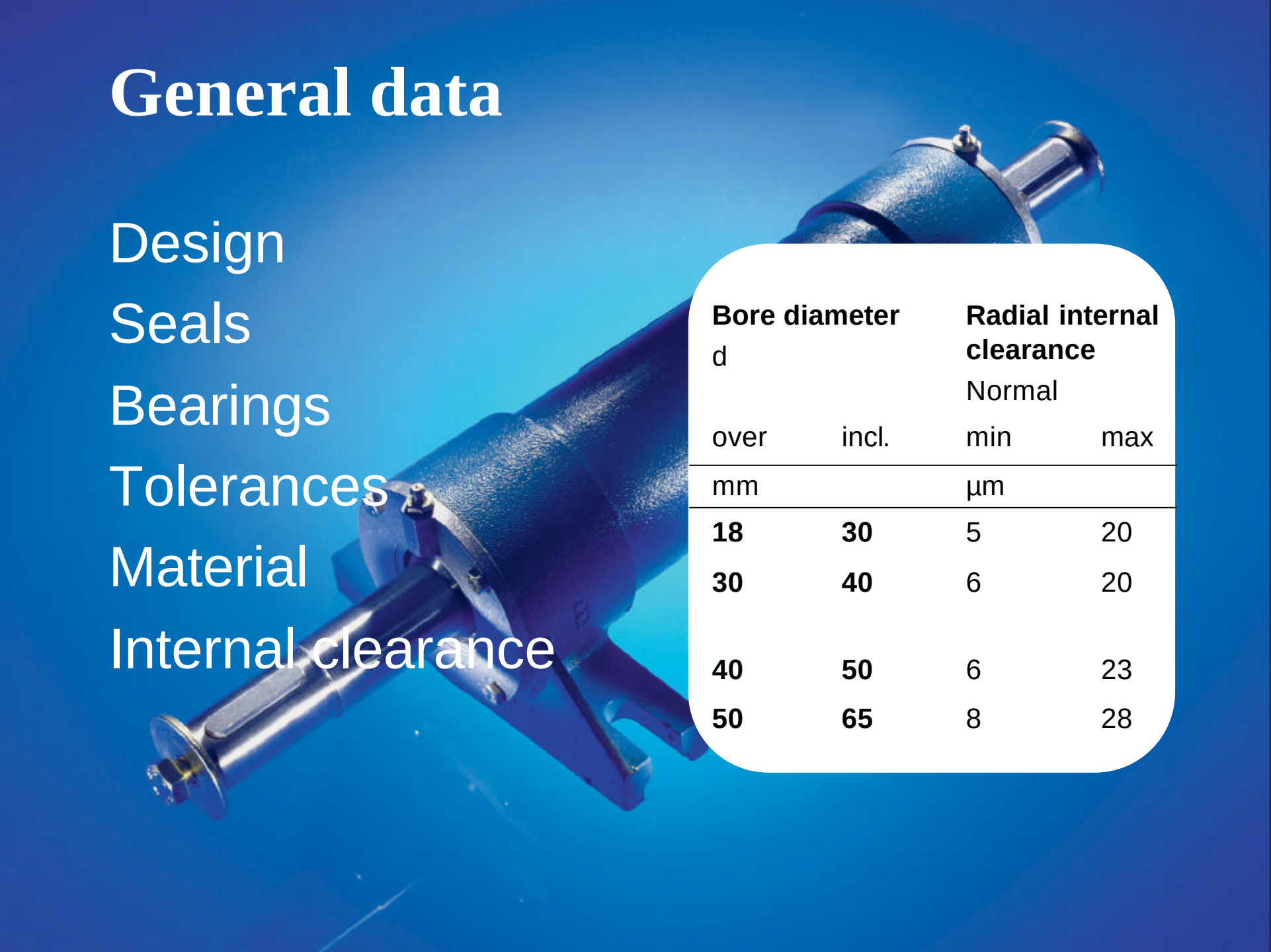
Tolerances

Material

- grey cast iron

General data

- Design
- Seals
- Bearings
- Tolerances
- Material
- Internal clearance



Bore diameter d		**Radial internal clearance** Normal	
over	incl.	min	max
mm		µm	
18	**30**	5	20
30	**40**	6	20
40	**50**	6	23
50	**65**	8	28

General data

Design
Seals
Bearings
Tolerances
Material
Internal clearance
Lubrication



LGMT 2
operating temperature –30 - + 100°C

General data

Design
Seals
Bearings
Tolerances
Material
Internal clearance
Lubrication
Supporting surface



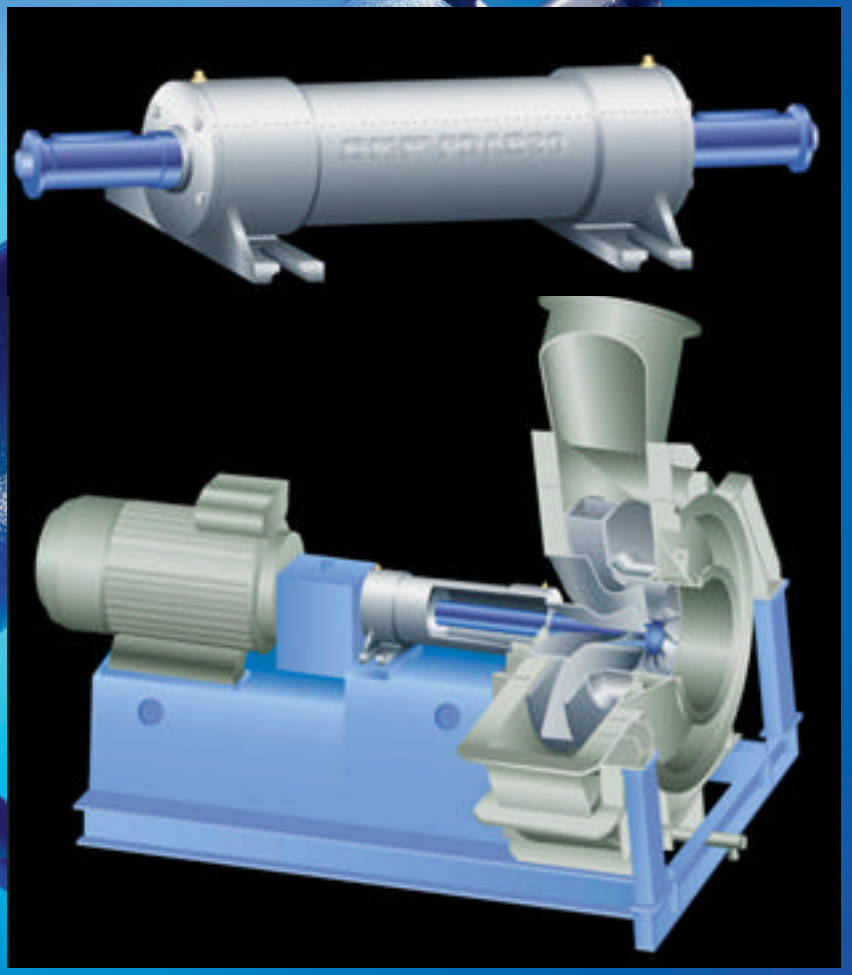
$R_a \leq 12{,}5$ µm

Flatness IT7

Applications

Designed primarily for the support of overhanging shafts carrying the impellers of fans.

Other applications: centrifugal pumps, circular saws and grinding spindles.



PDAB New two-bearing unit



Range:	PDAB 20	PS00 sek	603.-
	PDAB 25		617.-
	PDAB 30		638.- (PDN 306 1420)
	PDAB 35		804.-
	PDAB 40		918.-
	PDAB 45		1131.-
	PDAB 50		1308.-
	PDAB 55		1660.-
	PDAB 60		1841.-

Availability: 100 pcs each from stock today