

Drive Units

Standard agitator and mixer types available:

[Direct drive](#)

[Gear drive](#)

[Toothed belt drive](#)

[Seals](#)

[Optional extras](#)

Direct drive

d - direct drive from electric motor via bearing stand

Used in high-speed applications with low torque requirements.

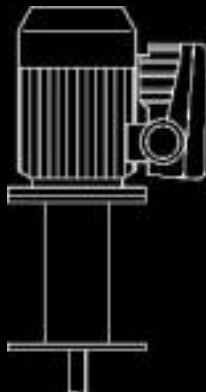


Shaft in stainless steel AISI 316L as standard. Bearing frame available in stainless steel AISI 316L.

Motor available in stainless steel AISI 304.

d(f) - direct drive from electric motor with built in frequency converter via bearing stand

Used in high-speed applications where adjustable speed and low torque is required - e.g. where great changes in batch sizes and viscosities occur.



Shaft in stainless steel AISI 316L as standard. Bearing frame available in stainless steel AISI 316L.



Gear drive

V - infinitely variable speed drive via bearing stand

Used in applications where adjustable speed and high torque is required.



Shaft in stainless steel AISI 316L as standard. Bearing frame available in stainless steel AISI 316L.

SK - drive direct from hollow shaft type helical gearbox

Used in low speed applications possibly where very high torque and/or long shafts are required.

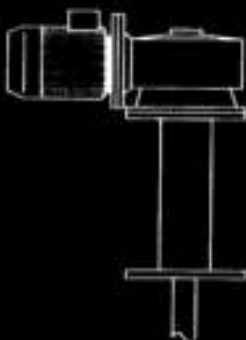


Bottom steady bearing stand necessary.

Shaft and seal flange with drain in stainless steel AISI 316L as standard.

d(gh) - drive via a worm gearbox and bearing stand

Used in very low speed and high torque applications.



Shaft in stainless steel AISI 316L as standard. Bearing frame available in stainless steel AISI 316L. Motor and gear available in stainless steel AISI 304.

d(g) - drive via a helical gearbox and bearing stand

Used in low speed applications possibly when high torque is required.



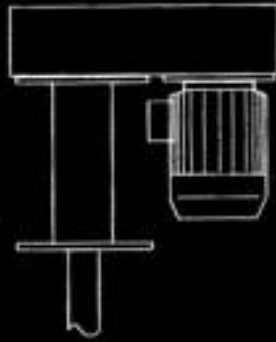
Shaft in stainless steel AISI 316L as standard. Bearing frame available in stainless steel AISI 316L.



Toothed belt drive

g - toothed belt drive via bearing stand

Used in low speed applications possibly where high torque is required.



Compact, easy to maintain and with no risk of oil leaks.

Shaft in stainless steel AISI 316L as standard. Bearing frame available in stainless steel AISI 316L.

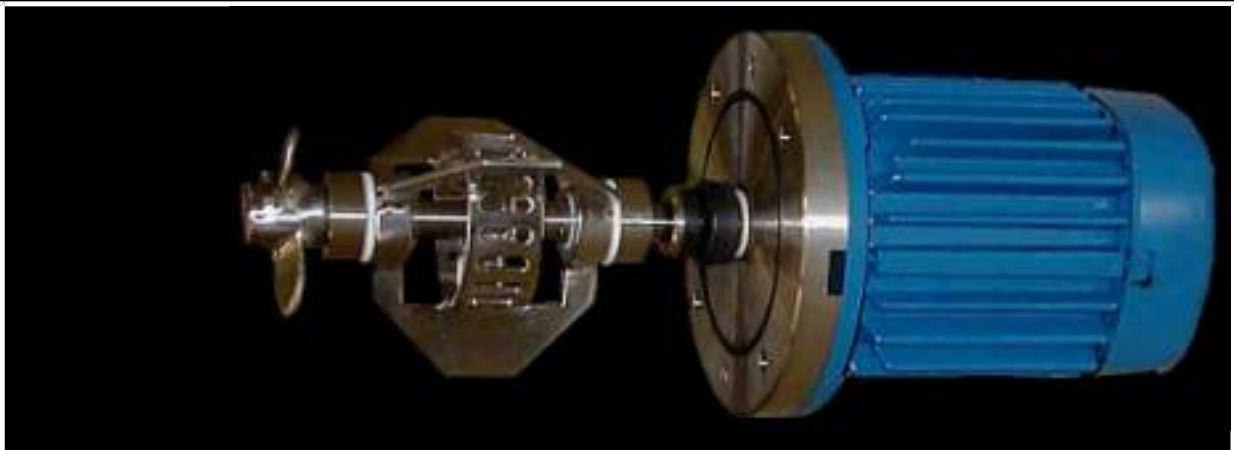
Motor and belt drive casing available in stainless steel AISI 304.



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Seals

- Seal flange with drain*, for single mechanical shaft seal - for side and bottom entry.



- Barrel* with standard or sanitary double mechanical shaft seal (needs flushing - for top-, side- and bottom-entry).
- Barrel* with standard or sanitary



dry running
single
mechanical
shaft seal (for
top-, side-
and bottom-
entry - only
low speed
applications).

- Seal flange with drain*, for lip seal - partial vacuum or/and pressure applications up to 10 bar.
- Seal flange with drain*, for radial seal - for low pressure applications.

Optional extras

- Sanitary shaft coupling*.
- Barrel* with cooling disc (for high temperature applications).
- Shafts and propellers in special alloys for instance SMO 254 - for aggressive environments.
- Rubber lined shafts and propellers - for aggressive environments.
- Surface coated shafts and propellers - for aggressive environments.

* in stainless steel AISI 316L.

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