

PMRK 11/3 compressed air magnetic stirrer drives with flange up to 10 bar, mat.no. 1.4571

PMRK series drives feature a permanent magnetic coupling and a flanged, compressed air-driven motor. The use of a cardan coupling is unnecessary, meaning both vibrations and the installation height are reduced.

The flange version is suitable for applications under vacuum and pressure up to 10 bar.

The advantage of a flange connection is that forces are distributed over a larger contact surface, allowing the use of higher torques and larger container volumes.

The speed is regulated by a continuously adjustable fine control valve, with an

analogue tachometer fitted as standard.

Ball bearings ensure rapid, easy replacement to facilitate maintenance and cleaning.

We can also make alternative flanges to your requirements - details on request.

The stirring system is supplied certified to ATEX regulations. Please order desired documentation separately.



Type	Flange DN	Volume max. ml	Temperature max. °C	Viscosity mPas	Torque Ncm	Speed max. rpm.	Bearings	Code-No.
PMRK 11/3/90	15	5000	240	10000	90	1750	Ball bearings stainless steel	40 26446 00344 9
PMRK 11/3/120	15	10000	240	10000	120	1750	Ball bearings stainless steel	40 26446 00345 6
PMRK 11/3/150	15	10000	240	30000	150	1750	Ball bearings stainless steel	40 26446 00346 3
PMRK 11/3/90	25	5000	240	10000	90	1750	Ball bearings stainless steel	40 26446 00349 4
PMRK 11/3/120	25	10000	240	10000	120	1750	Ball bearings stainless steel	40 26446 00350 0
PMRK 11/3/150	25	10000	240	30000	150	1750	Ball bearings stainless steel	40 26446 00351 7
PMRK 11/3/90	40	5000	240	10000	90	1750	Ball bearings stainless steel	40 26446 00354 8
PMRK 11/3/120	40	10000	240	10000	120	1750	Ball bearings stainless steel	40 26446 00355 5
PMRK 11/3/150	40	10000	240	30000	150	1750	Ball bearings stainless steel	40 26446 00356 2

Viscosity data to be considered as guidelines. Technical data pertaining to 6 bar operating pressure.

ATEX documentation 0/1:

Zone 0 in the reactor, zone 1 outside, EU declaration of conformity

ATEX documentation 1/1:

Zone 1 in the reactor, zone 1 outside, EU declaration of conformity

Type	Code-No.
ATEX documentation 0/1	40 26446 00727 0
ATEX documentation 1/1	40 26446 00767 6

Dimensions of PMRK with flange

Type	A mm	B mm	C mm
PMRK 11/3/90	472	126	90
PMRK 11/3/120	484	138	90
PMRK 11/3/150	496	150	90

