

**PME50-XL-N**

## Flanged housing unit

Housing units PME, four-bolt flanged housing units, cast iron, centring spigot, eccentric locking collar, P seals

X-life

## Technical information



## Your current product variant

Groove	N	Cast iron housing with undercut slot for end caps
Material	GG	Grey cast iron

## Main Dimensions &amp; Performance Data

d	50 mm	Bore diameter
H	165 mm	Height flange
$B_1$	43,8 mm	Locking collar total width
U	31,8 mm	Total height unit
$C_r$	35.000 N	Basic dynamic load rating, radial
$C_{0r}$	23.200 N	Basic static load rating, radial
$C_{ur}$	1.090 N	Fatigue load limit, radial
$\approx m$	2,13 kg	Weight

## Mounting dimensions

J	135 mm	Pitch circle diameter (holes)
N	14 mm	Fixing bore
$T_1$	12 mm	Height spigot
Z	110 mm	Diameter spigot
	h8	Diameter spigot clearance
n	4	Number of screwing holes



### Dimensions

A	25 mm	Height housing
A <sub>1</sub>	13 mm	Thickness of flange
A <sub>2</sub>	1 mm	Distance raceway
S	3 mm	Chamfer width
Q	M8X1	Connection thread for lubrication

### Additional information

1	Number of housings
ME10	Housing
GRAE50-XL-NPP-B	Bearing designation
KASK10	Protecting cap

### Temperature range

T <sub>min</sub>	-20 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.