



Control cabinet

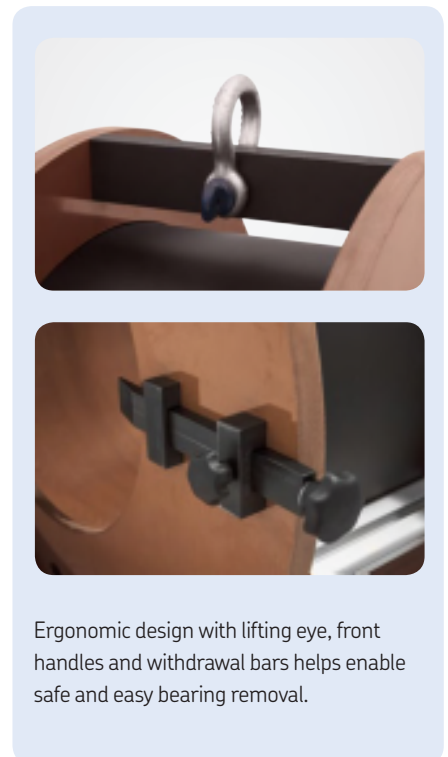


Safe and easy bearing removal in just 3 minutes

SKF Fixed Induction Heater EAZ series

The fixed size EAZ induction heaters are designed to safely and easily dismount cylindrical roller bearing inner rings, which are often mounted with a very tight interference fit. Heating the inner ring rapidly loosens the fit, as the shaft remains cool, enabling the ring to be removed without causing damage to the shaft or inner ring. With easy-to-use fixed size EAZ induction heaters, three minutes are usually enough time to professionally dismount cylindrical roller bearing inner rings or similar components.

- Control cabinets from SKF provide the necessary power to run fixed size EAZ heaters and are available with various voltages to operate EAZ heaters in almost any country. Special versions of the control cabinets are available that enable up to three EAZ heaters to be used simultaneously.
- In light section mills, rod wire mills or railway applications, EAZ heaters can often dismount cylindrical roller bearing inner rings with one or more rows of rollers or multiple inner rings at the same time.
- EAZ induction heaters can also be used to dismount non-bearing elements like sleeves or rings.



Ergonomic design with lifting eye, front handles and withdrawal bars helps enable safe and easy bearing removal.

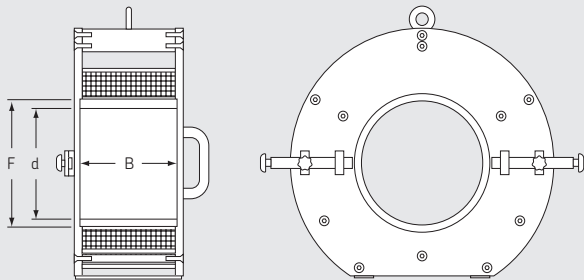




Cylindrical roller bearings are essential machine components for applications in steel, railway and other industries. In many cases cylindrical roller bearings experience harsh operating conditions and need to be replaced frequently. Fixed size EAZ heaters and corresponding control cabinets are one SKF dismantling solution that supports fast, easy and safe dismantling of cylindrical roller bearing inner rings and similar components.

Examples of EAZ heater designations

Designation	Inner ring dimension (mm)			interference fit
	F	B	d	
EAZ F179	179	168	145	p6
EAZ F180	180	130	160	p6
EAZ F202	202	168	180	p6
EAZ F222-1	222	170	200	p6
EAZ F222	222	200	200	p6
EAZ F226	226	192	200	p6
EAZ F260	260	206	230	r6
EAZ F312	312	220	280	r6
EAZ F332	332	300	300	r6
EAZ F364	364	240	320	p6



Please, add corresponding F dimension as a suffix to the designation when ordering (e.g. EAZ F312MV).

Fixed size EAZ heaters are customised SKF Induction Heaters for dismantling cylindrical roller bearing inner rings. Please contact SKF to assist you in finding an EAZ heater that suits your application. EAZ heaters are supplied without a control cabinet. SKF control cabinets are required to operate the fixed size EAZ heater and can be ordered separately.

Voltage classification

LV	Low voltage	190 to 230 V
MV	Medium voltage	400 to 480 V
HV	High voltage	500 to 575 V
HVC	High voltage, CSA ready	575 V

Add corresponding class as a suffix to the designation when ordering (e.g. EAZ F312MV).

Control cabinet versions

SS	1x fixed EAZ	max. 250 A
SSD	2x fixed EAZ	max. 350 A
SST	3x fixed EAZ	

Add corresponding cabinet version to the designation when ordering (e.g. SSD C350B).

Control cabinet base voltage and frequency code

A	230 V	50 Hz
B	400 V	50 Hz
C	460 V	60 Hz
E	575 V	60 Hz

Add corresponding control cabinet voltage and frequency code as a suffix to the designation when ordering (e.g. SSD C350B).

© SKF is a registered trademark of the SKF Group.

© SKF Group 2014

The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB MP/P8 15266 EN · November 2014

