



# Torqmotor™

Series

TE / TJ / TF / TL / TG / TH / TK



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ENGINEERING YOUR SUCCESS.

**TE**

Series

**0080**

Schluckvolumen  
 Displacement  
 Cylindree  
 Cilindrata

**C**

Gehäuse  
 Housing  
 Carter  
 Scatola motore

**W**

Anschluss  
 Ports  
 Plan de raccordement  
 Connessioni

**26**

Welle  
 Shaft  
 Arbore  
 Albero

**0**

Drehrichtung  
 Direction of rotation  
 Direction de rotation  
 Direzione di rotazione

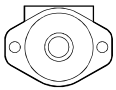
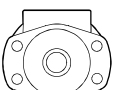
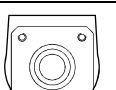
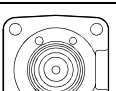
**AAAA**



Option

Code	cm <sup>3</sup> /rev
0036	36
0045	41
0050	50
0065	66
<b>0080</b>	82
0100	98
0130	130
0165	163
0195	196
0230	228
0260	261
0295	293
0330	326
0365	370
0390	392

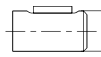




Code	Option
<b>AAAB</b>	<b>standard</b>
AANC	shuttle valve
BBCP <sup>2)</sup>	internal relief valve 100 bar
BBCN <sup>2)</sup>	internal relief valve 140 bar
HAAP	external relief valve 100 bar
HAAU	external relief valve 140 bar

<sup>2)</sup> Nicht verfügbar für Anschluss Y  
 Not available for port code Y  
 Pas disponible pour raccordement  
 code Y  
 Non Disponibile per connessioni  
 codice Y

Code	Housing
<b>C</b>	
C	
D	
L	

Code	Direction
<b>0</b>	 Standard
1	

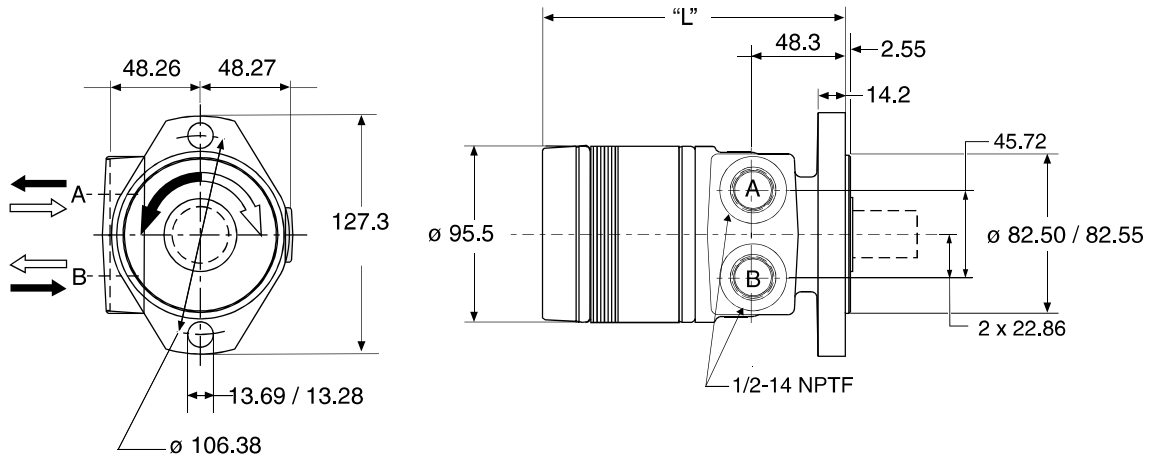
Code	Port
<b>W</b>	G 1/2
N <sup>1)</sup>	universal port M8x13
Y	rear port G 1/2 axial

Code	Shaft
<b>26</b> 69 <sup>3)</sup>	
26 69 <sup>3)</sup>	
41	 6B SAE
12	
25	

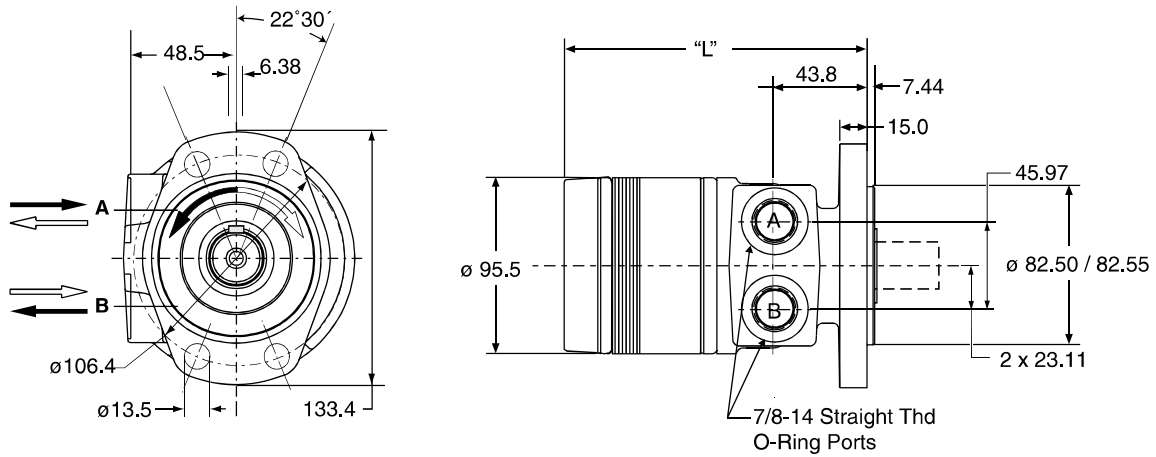
<sup>1)</sup> Nicht verfügbar für Ge-  
 häuse L  
 Not available for housing  
 code L  
 Pas disponible pour carter  
 code L  
 Non Disponibile per Allog-  
 giamento codice L

<sup>3)</sup> 230 Nm (2100lb in) Max. Drehmoment/  
 Max Torque/ Couple maxi/ Coppia max

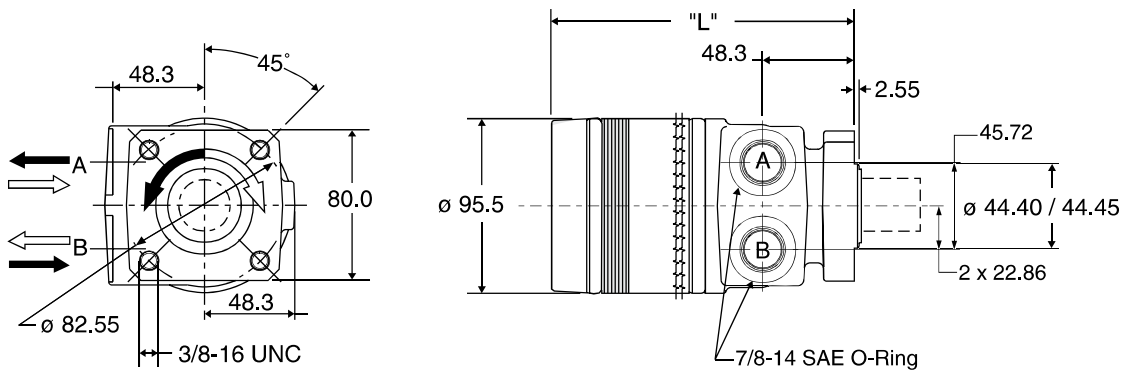
**Code C**



**Code M**

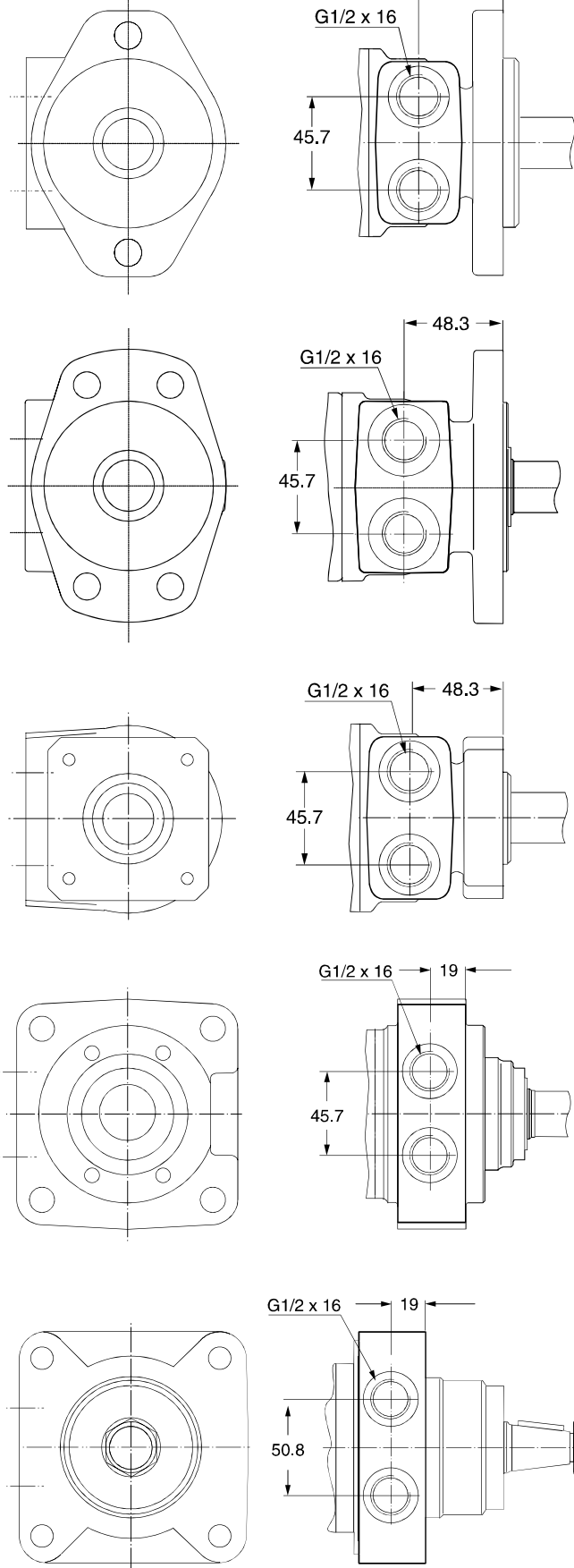


**Code D**

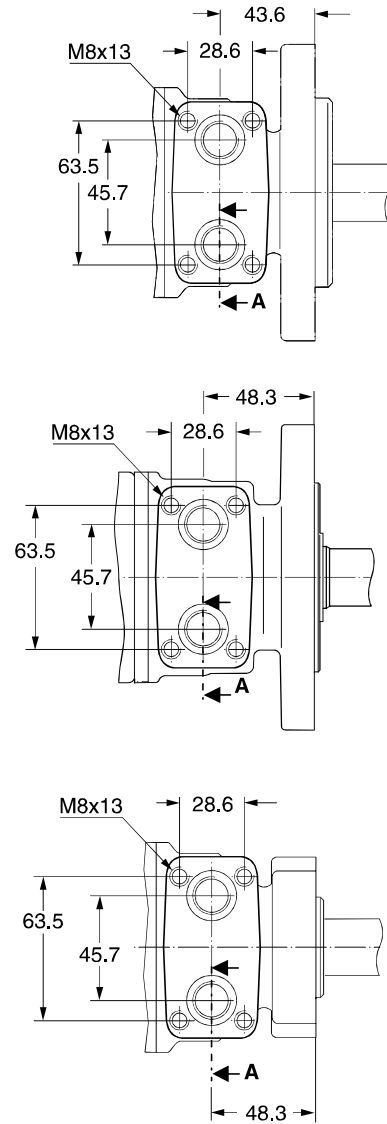


Gewicht / Weight	TE36	TE45	TE50	TE65	TE80	TE100	TE130	TE165	TE195	TE230	TE260	TE295	TE330	TE365	TE390
Poids / Peso [kg]	5,8	6,3	6,5	6,6	6,7	6,8	7,1	7,4	7,7	7,9	8,2	8,3	8,7	9,0	9,2
Code C "L"[mm]	128	131	133	136	140	143	149	155	162	168	174	181	187	195	200
Code M, D "L"[mm]	134	136	138	141	144	147	153	160	166	173	179	185	192	200	205

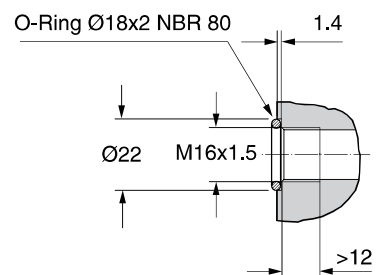
**Code W**



**Code N**



**Section A**



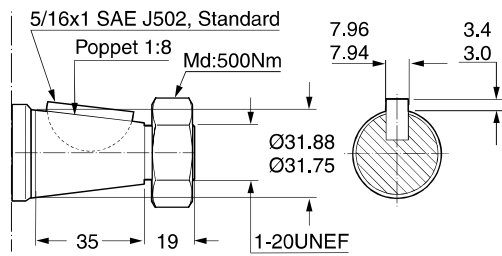
Zum Motor mit Universalanschluss werden 2 O-Ringe geliefert.

Motor with manifold mount is supplied with 2 O-rings.

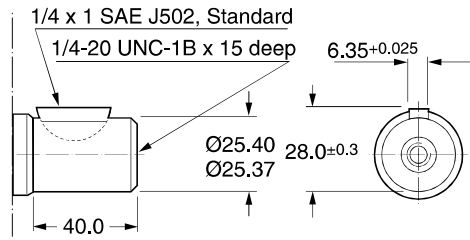
Deux joints toriques sont livrés avec les moteurs au plan de raccordement universel.

Il blocchetto connessioni è corredato da 2 OR.

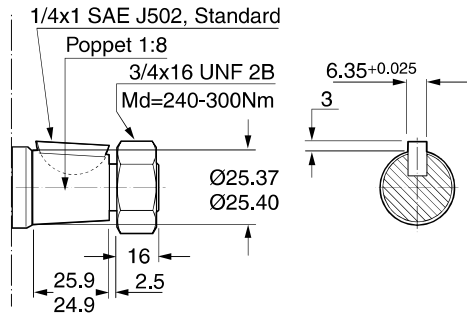
**Code 08**



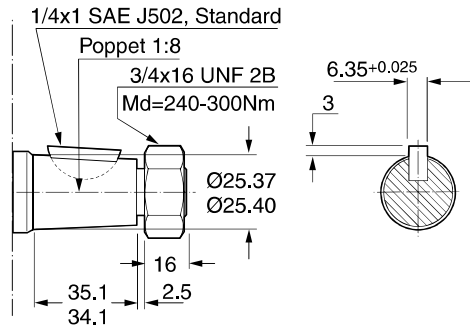
**Code 10<sup>3)</sup>**



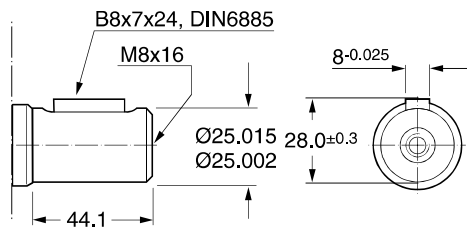
**Code 12**



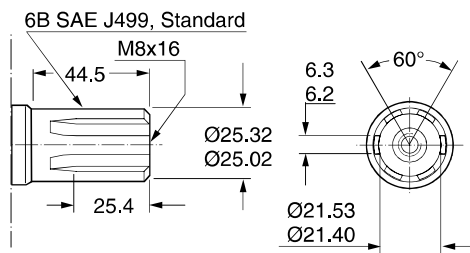
**Code 25**



**Code 26<sup>2)</sup>**

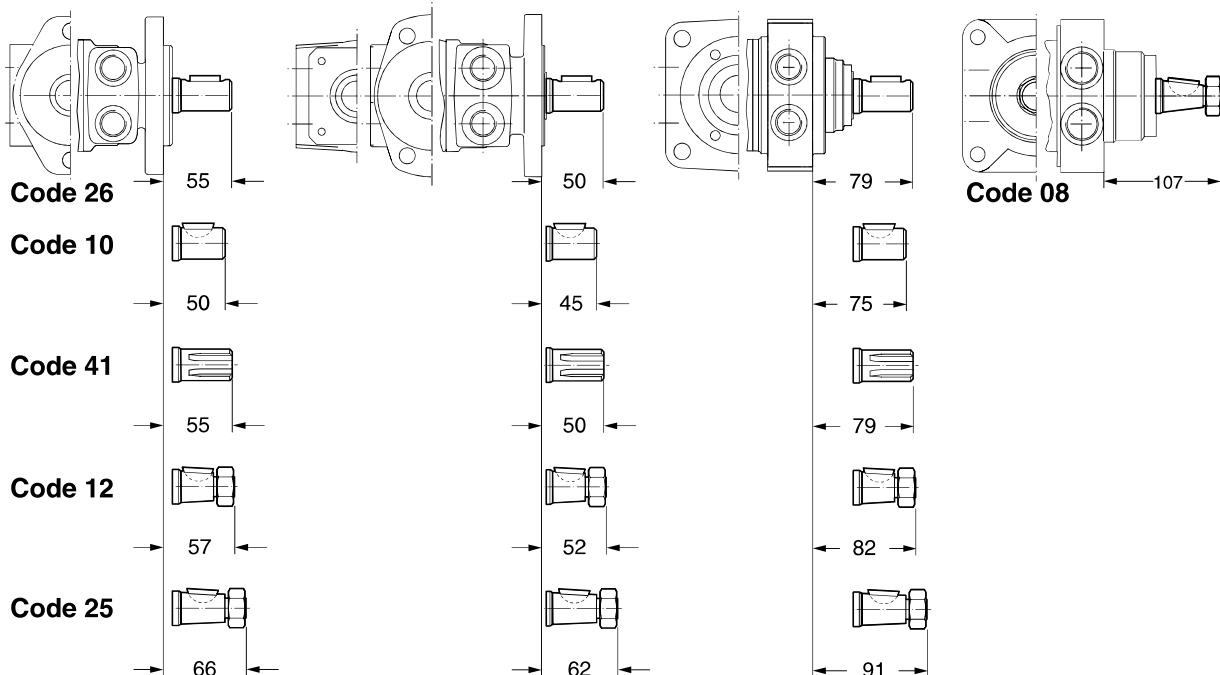


**Code 41**

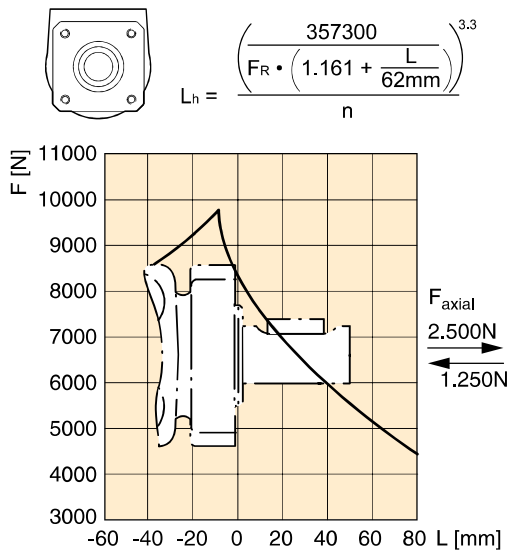


<sup>2)</sup> **Code 69** = Rostfreie Ausführung  
 Stainless steel version  
 Version en acier inoxydable  
 Versione in acciaio inossidabile  
 230 Nm (2100lb in) Max. Drehmoment/  
 Max Torque/ Couple maxi/ Coppia max

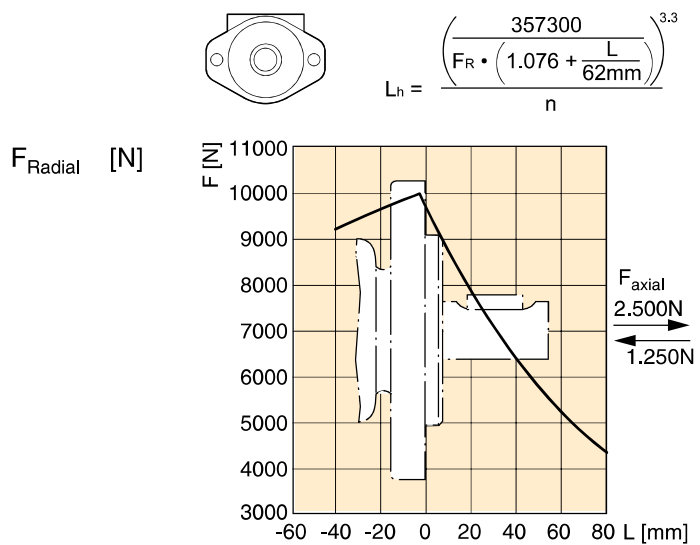
<sup>3)</sup> **Code 70** = 25,4 mm - Rostfreie Ausführung  
 25,4 mm - Stainless steel version  
 25,4 mm - Version en acier inoxydable  
 25,4 mm - Versione in acciaio inossidabile  
 230 Nm (2100lb in) Max. Drehmoment/  
 Max Torque/ Couple maxi/ Coppia max



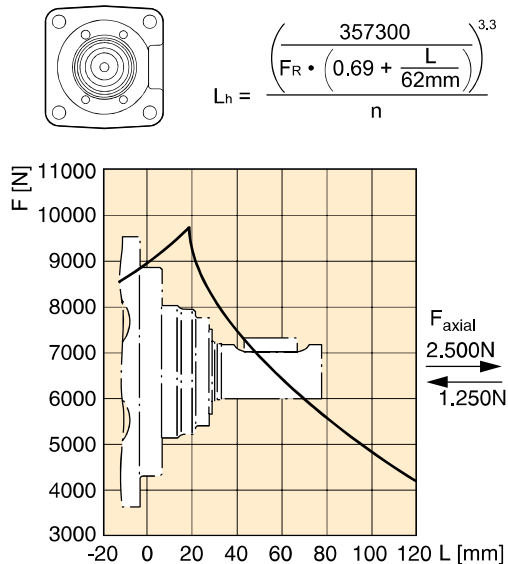
TE Code D



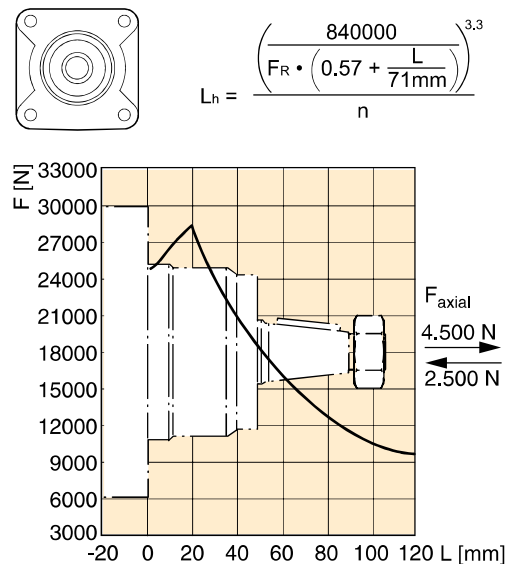
TE Code C



TE Code L



TJ Code U



Die Lebensdauer der Radiallager ( $L_h$  in Stunden) lässt sich nach folgender Formel berechnen. Die Größe  $F_R$  ist durch die mechanische Festigkeit der Abtriebswelle begrenzt (siehe Diagramm). Das Maß "L" ist das Längenmaß vom Gehäuseflansch bis zum Angriffspunkt der Radialkraft  $F_R$ .

Life time ( $L_h$  in hours) of the radial bearings can be calculated with the following formula. The value  $F_R$  is limited by the mechanical strength of the shaft (see diagram). The measurement "L" is the length from the housing flange up to the point of impact of the radial force  $F_R$ .

La durée de vie des roulements radiaux ( $L_h$  en heures) peut être calculée par les formules suivantes. La grandeur  $F_R$  est limitée par les résistances mécaniques de l'arbre de sortie (voir diagramme). La cote "L" est la longueur entre la bride du carter jusqu'au point d'appui de l'effort radial  $F_R$ .

La durata dei cuscinetti ( $L_h$  in ore) può essere calcolata con la seguente formula. Il valore  $F_R$  è limitato dalla resistenza meccanica dell'albero (vedi diagramma). La quota "L" è la distanza tra la flangia del corpo ed il punto di applicazione della forza radiale  $F_R$ .

Vorstehende Formeln gelten für eine B10-Lebensdauer.  
The preceding formulas are valid for a B10 duration of life.  
Les formules précédentes sont valables pour une durée de vie B10.  
Le formule precedenti sono valide per una durata della vita B10.

$L_h$  = [h]  
 $L$  = [mm]  
 $n$  = [rev/min]