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SAF/SN/SD 77

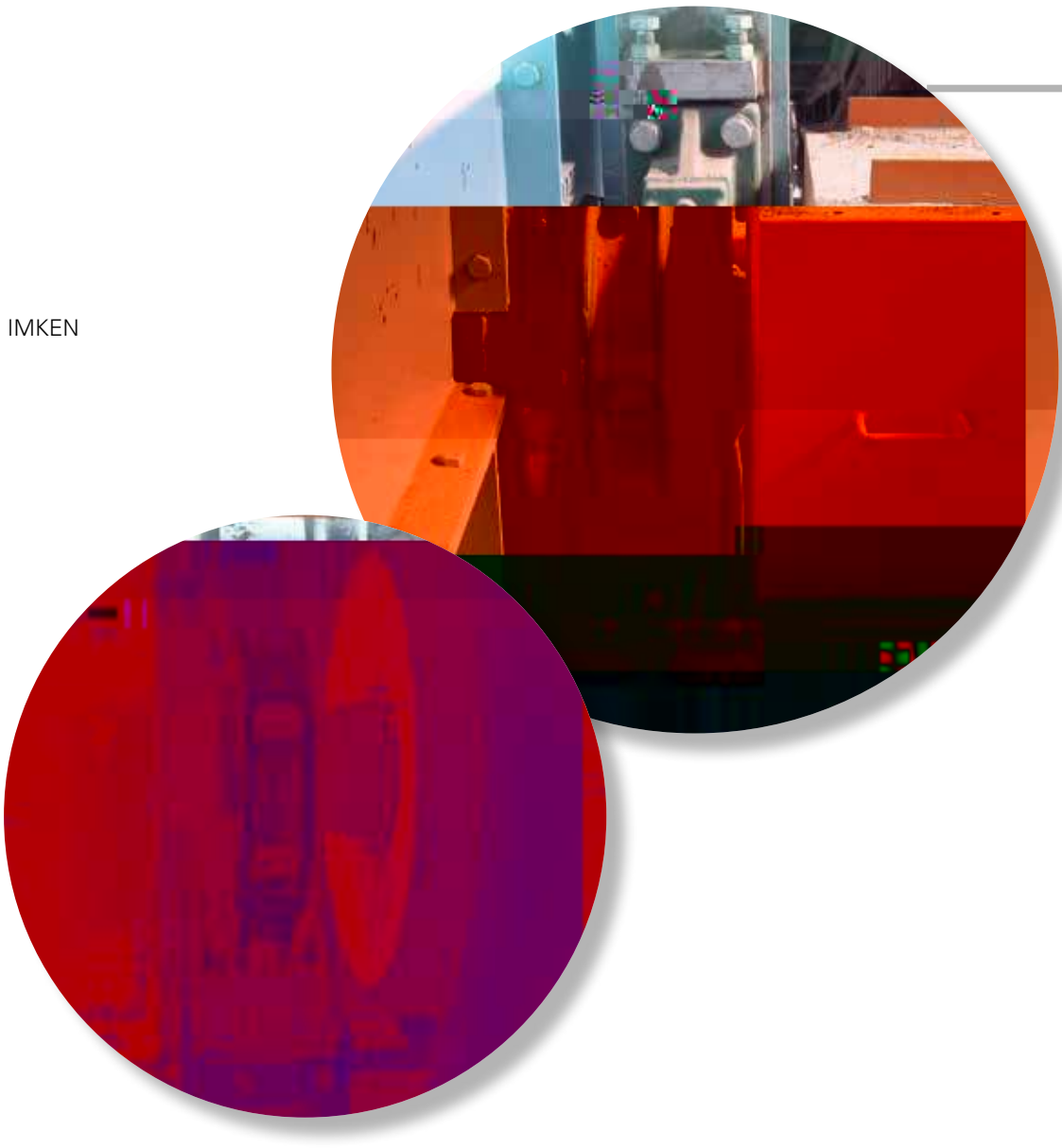


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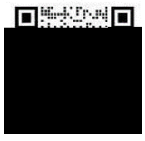
REACH

en

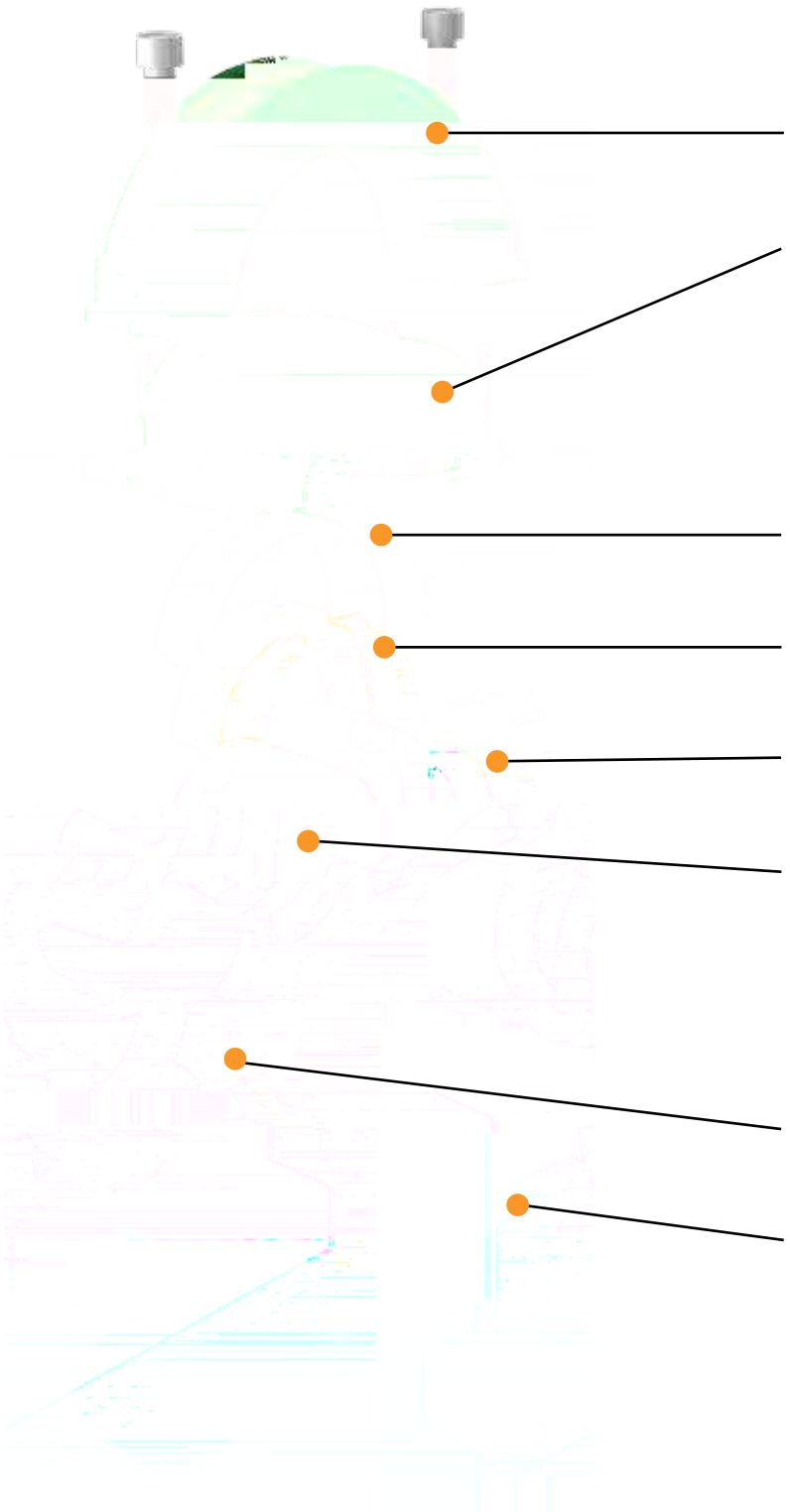
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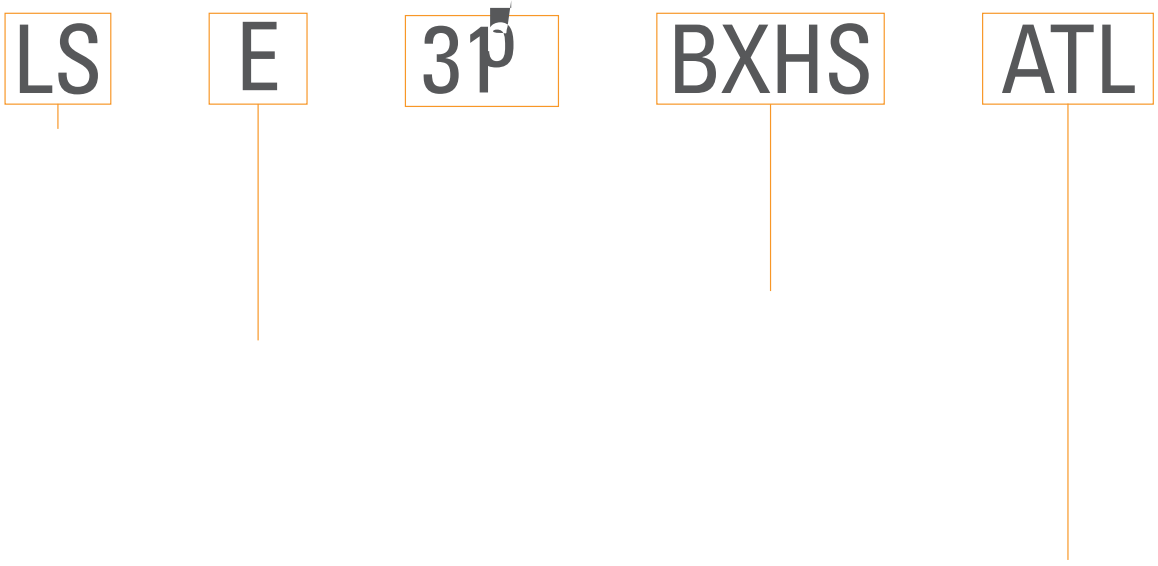




1.



2.

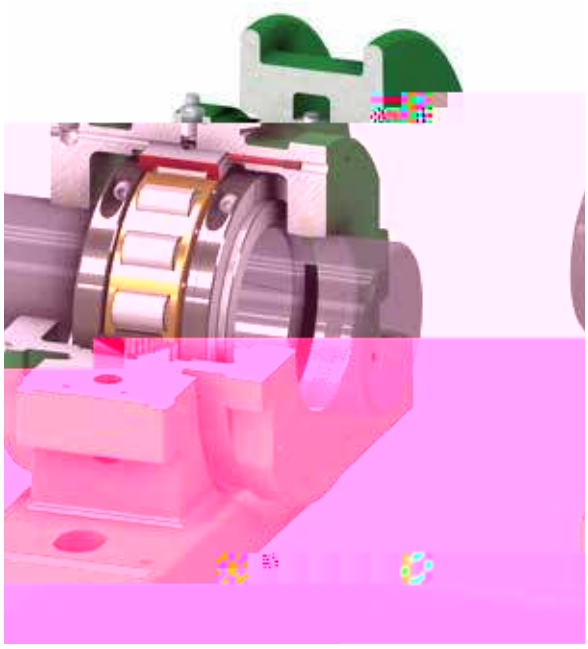

LS
E
BXHS
ATL

6.

7.

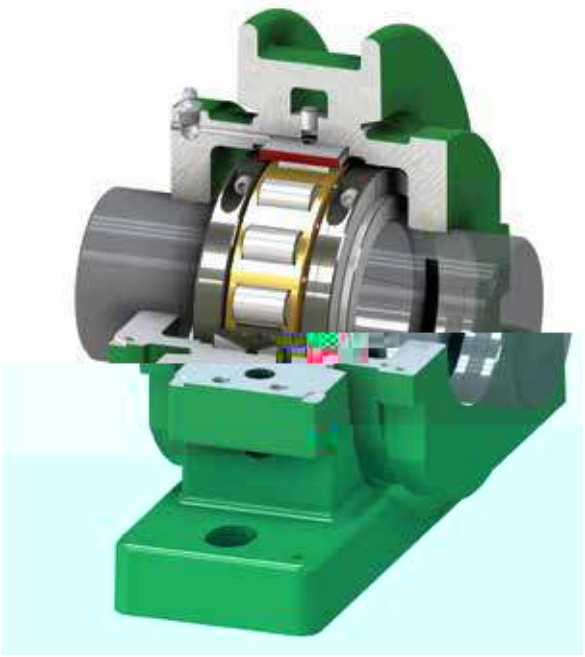
8.

(BR)



4. (BR)

(BX)

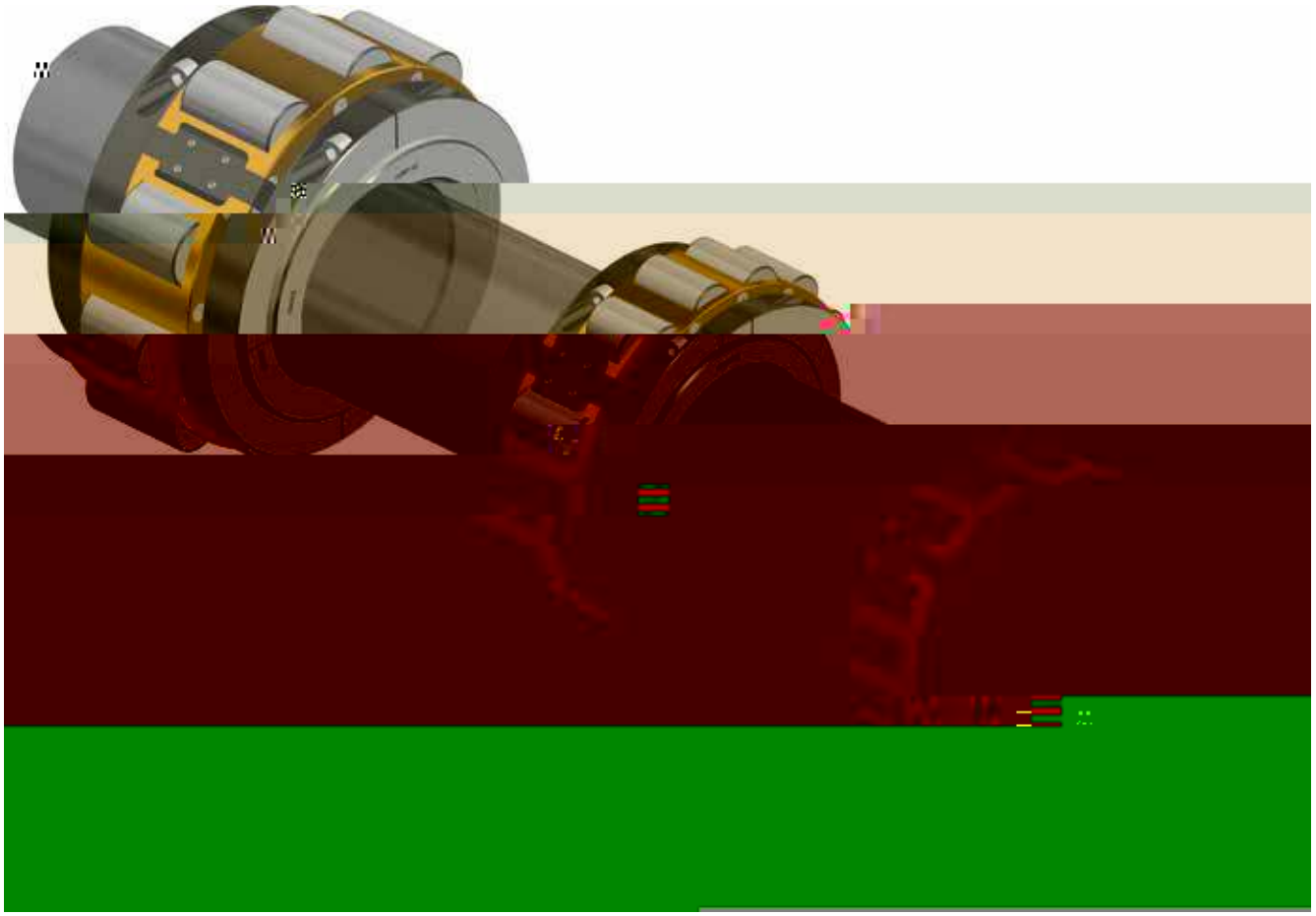


5. (BX)

en



8.



en

$L_{10} = (C/P)^{10/3}$ - (i)

$L_{10}h = \frac{(10^6) \times L_{10}}{60 \times n}$ - (ii)

- (i)

$L_{10}h = \frac{(10^6) \times}{60 \times n} \left(\frac{C}{P}\right)^{10/3}$ - (ii)

L_{10}

$L_{10}h$

C N

N

P

P

$F_r =$

F_r

9.

	F_z
	1,0 1,3
	1,3 2,0
	2,0 3,0

$F_z =$

$P = F_r X F_z$

10.

	00 2000
	.000 10.000
	20.000 0.000
	.000 100.000
	> 100000

a_3

a

a

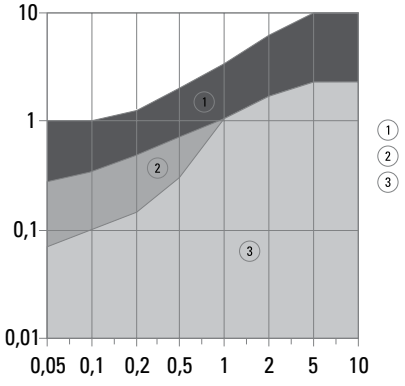
a

a_{23}

$a_{23} = a_2 + a_3$

a_{23}

a_{23}



13.

14.

(d)		C_r	C_{or}	C_a	
		kN b	**kN** b	**kN** b	M
35 **40**		**65**	**68**		

(C_a E

15.

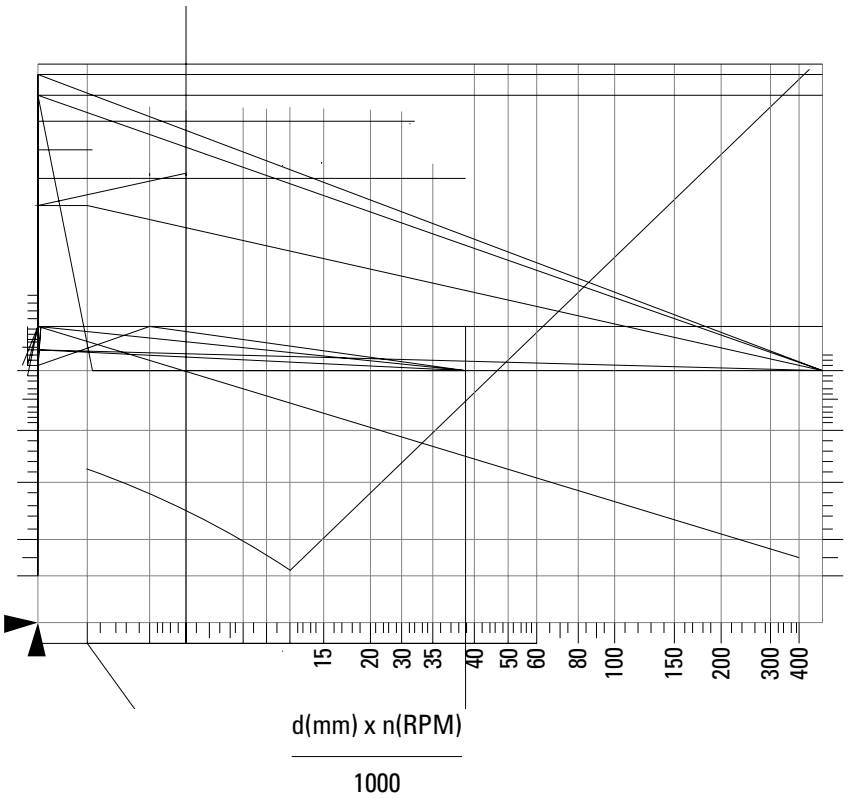
C_a

z

a

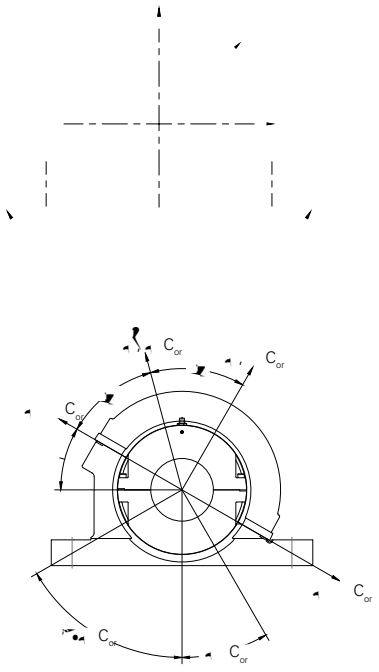
C_a a x dn dn

( ) M dn



d
n

14.



15. C_{or}

oY.117 212-2.48

(HZ)

17.

		hz	hz	hz	hz
35 40					
45 50					
60 65					
70 75					
80 90					
100 105					
110 115					
120 130					
135 140					
150 155					
160					
170 180					
190 200					
220 230					
240 250					
260 280					
300 305					
320 330					
340 350					
360 380					
400					
420					
440 460					
480					
500					
530					
560					
580					
600					

M

18.

		hz	hz	hz	hz
-					
45 50					
60 65					
70 75					
80 90					
100 105					
110 115					
120 130					
135 140					
150 155					
160 170					
180					
190 200					
220 230					
240 260					
270 280					
300 305					
320 330					
340 360					
380					
400					
420					
440 460					
480					
500					
530					
560					
580					
600					

M

		hz	hz	hz	hz
-					
-					
-					
-					
-					
100 105					
110 120					
125 130					
135 140					
150 155					
160 170					
175 180					
190 200					

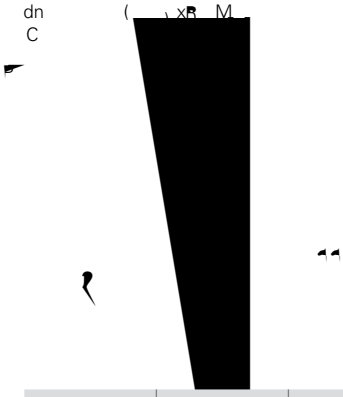
M

M

20.

	dn≤ 0000 C/P>10	0000<dn< 0000 C/P>10	0000<dn< 0000 C/P<10	dn> 0000	
-	h9	h8	h7	h6	IT6
	0.001	0.001	0.001	0.001	0.001
0 - 50	-62	-39	-25	-16	-16
50 - 80	-74	-46	-30	-19	-19
80 - 120	-87	-54	-35	-22	-22
120 - 180	-100	-63	-40	-25	-25
180 - 250	-115	-72	-46	-29	-29
250 - 315	-130	-81	-52	-32	-32
315 - 400	-140	-89	-57	-36	-36
400 - 500	-155	-97	-63	-40	-40
500 - 600 mm	-175	-110	-70	-44	-44

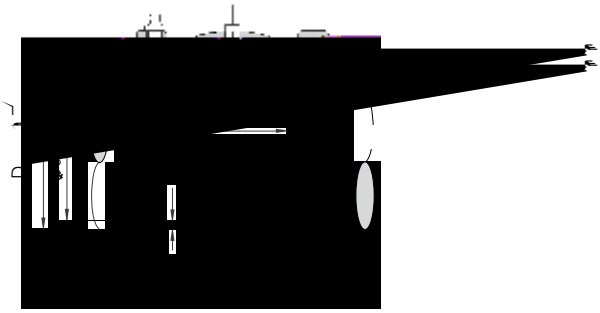
dn
C



C_a

21.

d	D		B	R	
40 - 90	d + 6	1,2	2,5	C + 0,1 C + 0,3	0,1
90 - 150	d + 10	2,0	5,0	C + 0,15 C + 0,40	0,1
155	d + 10	2,3	5,0 316	C + 0,2 C + 0,5	0,1



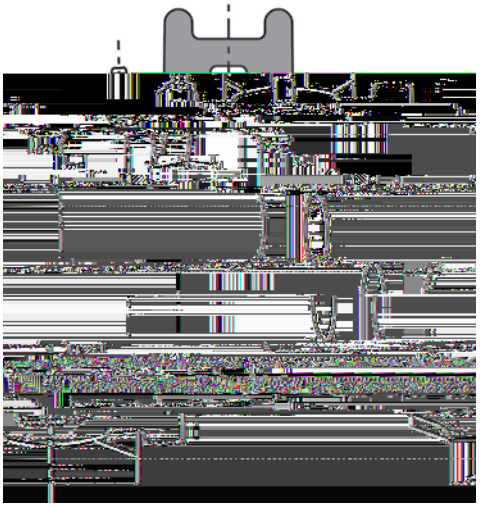
16.



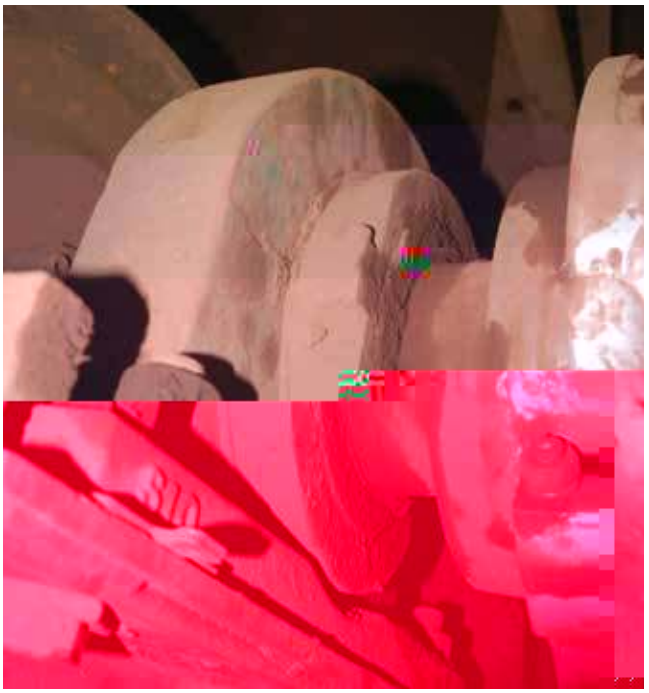
17.



18. Timken



19.

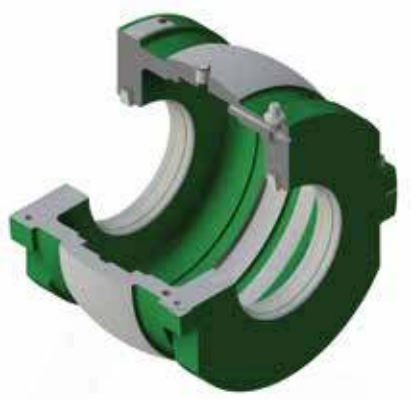


20. Timken

en

dN(mm)<Ø 0000
-60 C +100 C -76 F +212 F
1.6 m Ra

d N M



25.

3.2 m Ra
LAB

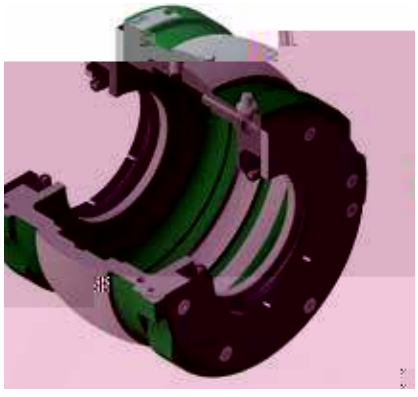


27.

R H K

dN(mm)<Ø 0000
-20 C to +100 C (-4 F to + 212 F)
0.8 m Ra
WSRP

d N M



26.

1.6µm Ra
LABLUB



28.

23.

(d)				
-		-		
45 50		45MMATL 50MMATL		
55 60 65		55MMATL 60MMATL 65MMATL		
70 75		70MMATL 75MMATL		
80 85 90		80MMATL 85MMATL 90MMATL		
100 105		100MMATL 105MMATL		
110 115		110MMATL 115MMATL		
120 125 130		120MMATL 125MMATL 130MMATL		
135 140		135MMATL 140MMATL		
150 155		150MMATL 155MMATL		
160A		160MMATL		
160 170		160MMATL 170MMATLE0547		
175 180		175MMATL 180MMATL		
190 200		190MMATL 200MMATL		
220 230		220MMATL 230MMATL		

(d)				
240		240MMATL		
260 270 280		260MMATL 270MMATL 280MMATL		
300 305		300MMATL 305MMATL		
320 330		320MMATL 330MMATL		
340 360		340MMATL 360MMATLE0547		
380		380MMATL		
400		400MMATL		
420		420MMATL		
440 460		440MMATL 460MMATL		
480		480MMATL		
500		500MMATL		
530		530MMATL		
560		560MMATL		
580		580MMATL		
600		600MMATL		

24.

(d)				
-		-		
-		-		
-		-		
-		-		
-		-		
100 105		100MMATL 105MMATL		
110 115 120		110MMATL 115MMATL 120MMATLE0547		
125 130		125MMATL 130MMATL		
135 140		135MMATL 140MMATL		
150 155		150MMATL 155MMATL		
160A		160MMATL		
160 170		160MMATL 170MMATLE0547		
175 180		175MMATL 180MMATL		
190 200		190MMATL 200MMATL		
220 230		220MMATL 230MMATL		

(d)				
240		240MMATL		
260		260MMATL		
270 280		270MMATL 280MMATL		
300 305		300MMATL 305MMATL		
320		320MMATL		
340 360		340MMATL 360MMATLE0547		
380		380MMATL		
400		400MMATL		
420 440		420MMATL 440MMATLE0547		
460		460MMATL		
500		500MMATL		
530		530MMATL		
560		560MMATL		
580 600		580MMATL 600MMATLE0547		
-		-		

en

en

en

en

E

E







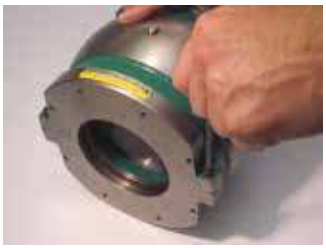




弹簧夹应始终留在保持架的其中半圈上







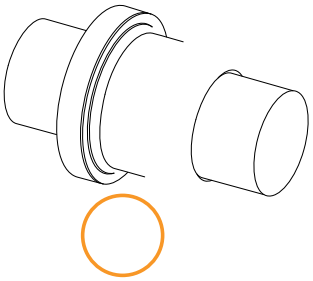


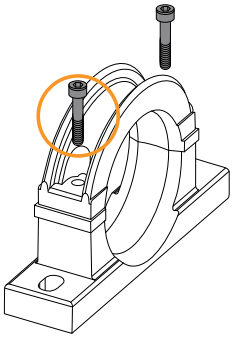


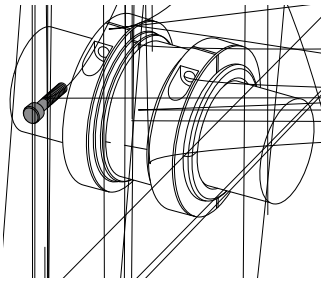


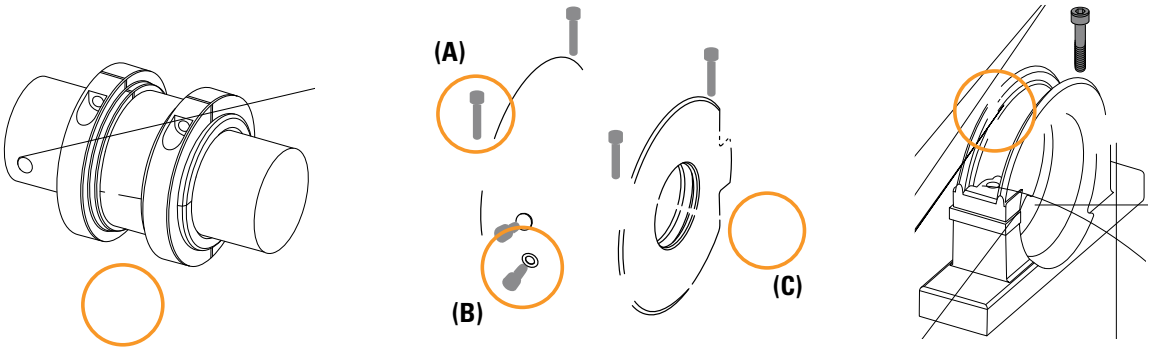












28.

(d)		(1)			(A)			(B)			(C)					
				Nm (lb.ft)			**Nm** (lb.ft)			**Nm** (lb.ft)			**Nm** (lb.ft)			**Nm** (lb.ft)
100 - 105				54			54			54		-	11			231
110 - 120				54			54			54	- 4	M10	54			54

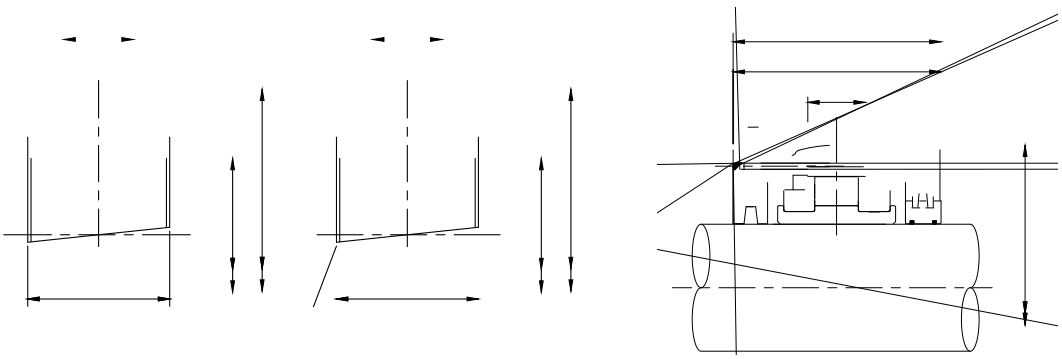
29.	30.	31.

ี mm ป๊ mm 1 3/16 in. 6 in. 46
S01 - S10 47

160 mm ี 0 mm 6 7/16 in. 14 in. 48
S11 - S19 49

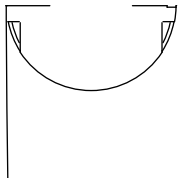
360 mm

35 MM 155 MM 1 3⁄16 IN. 6 IN.



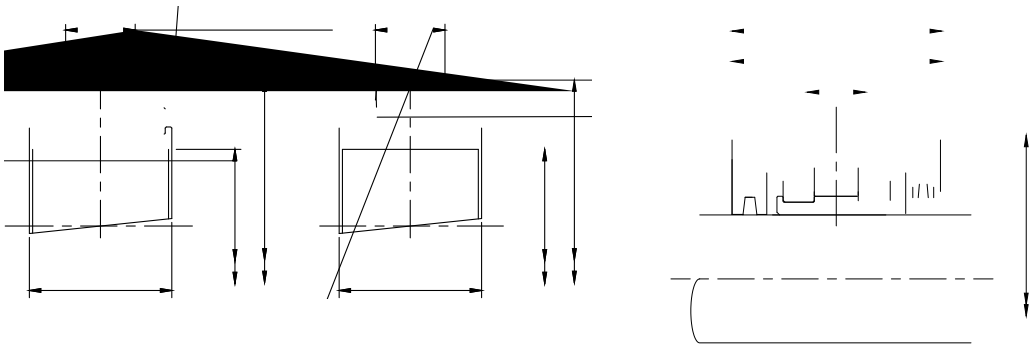
(d)		BR BX LSE2 BR		C_r	C_{or}	C_a		D	B	C	ATL HRTL HXTL LS4HRTL	HR HX LSE2 HR		G	F	L	L_1
				kN lb.	kN lb.	kN lb.	RPM										
35 40				65	68	3,20		3,313	0,937	2,165				100,00	25	84	91
45 50				83	87	3,60		3,875	1,000	2,362				117,48	25	96	98
55 60 65				103	115	5,40		4,500	1,063	2,362				134,94	32	102	104
70 75				138	161	7,60		5,250	1,252	2,559				157,16	38	112	114
80 85 90				187	231	12,40		6,000	1,531	2,953				177,80	50	134	136
100 105																	

S01 - S10



(d)			H	H_1	H_2	J x K	L x M	
35 40			60	22	138	180	228 x 60	
45 50			70	25	158	214	270 x 60	
55 60 65								

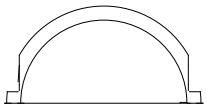
160 MM 350 MM 6 7⁄16 IN. 14 IN.



(d)	BR BX LSE7Ø BR	C_r	C_{or}	C_a		D	B	C	ATL HRTL HXTL LS13HRTL	HR HX LS7Ø HR	G	F	L	L_1
LS13		kN lb.	kN lb.	kN lb.	RPM									
160 170A		583	792	33,00		273,05	60,30	109,00			311,15	76	172	192

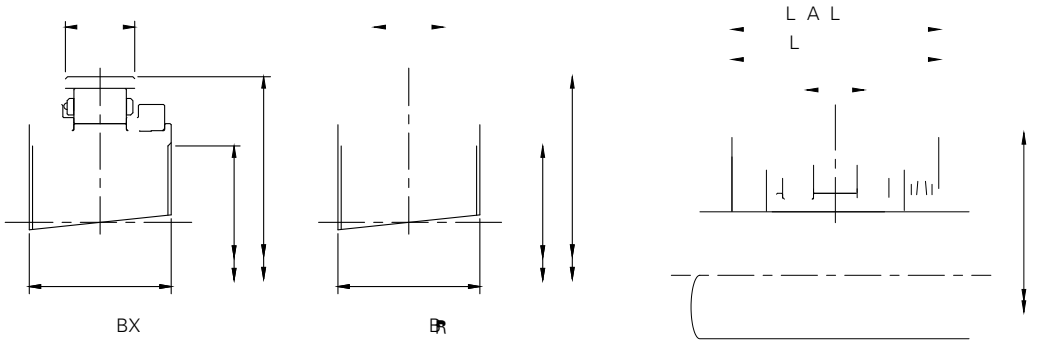
6,03,2L 183991109348 R53 8 T6 3804 L911(871(2769919(0231769928356(6 T10931 8 Tf 969⅜9 0 Td2020TJ-0232 6 3804(L)-8/04023 8 T1871(2769919(0231769928356(5174(1277117839428452 17030232 Tc-16 -8 Td (353505

S11 - S19



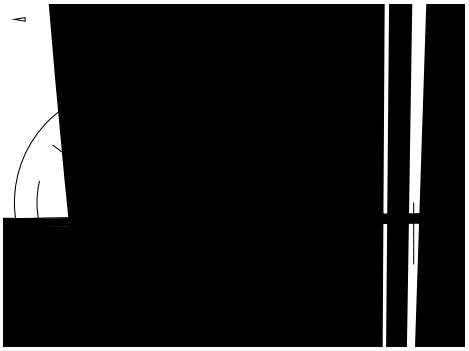
(d)			H	H_1	H_2	J x K	L x M	
160 170A			213	32	430	368 x 114	508 x 178	
170 175 180			235	35	470	388 x 128	534 x 190	
190 200			248	38	495	422 x 140	572 x 204	
220 230			270					

360 MM 600 MM 15 IN. 24 IN.



(d)		BR BX LSM3 BR		C_r	C_{or}	C_a		D	B	C	ATL HRTL HXTL LS11HRTL	HR HX LSM3 HR		G	F	L	L_1
				kN lb.	kN lb.	kN lb.	RPM										
360 380				1224	2431	110,40		520,70	76,20	140,00				571,50	98	260	
400				1107	2266	115,60		546,10	76,20	140,00				603,30	102	280	
420				1146	2418	121,00		571,50	76,20	140,00				628,70	102	292	
440 460				1185	2469	127,20		596,90	76,20	140,00				650,90	4,3	304	
480				1348	2965	132,60		628,65	81,00	144,00				682,60	4,3	304	
500				1392	3139	137,80		654,05	80,20	168,00				717,60	114	304	
530				1431	3316	140,60		692,15	81,00	168,00				755,70	114	330	
560				1472	3490	142,40		717,55	81,00	168,00				781,10	114	336	
580				1616	3841	144,00		749,00	84,10	172,00				816,00	120	342	
600				1660	4033	146,80		774,70	84,10	172,00				841,40	120	342	

(d)			H	H_1	H_2	J x K	L x M	
360 380			397	60				



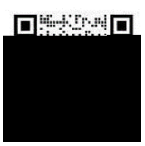
(d)			T		R	P	H	N	V	L
135 140			444		384	25	98	317,51	3	182
150 155 160A			470		412	25	114	346,07	3	202
160 170A			496		426	25	105	352,42	3	202
170 175 180			508		438	29	108	365,12	3	208
190 200			534		474	32	108	400,05	3	208
220 230			584		512	35	117			

TT/TP 35 MM 155 MM 1 3⁄16 IN. 6 IN.

en







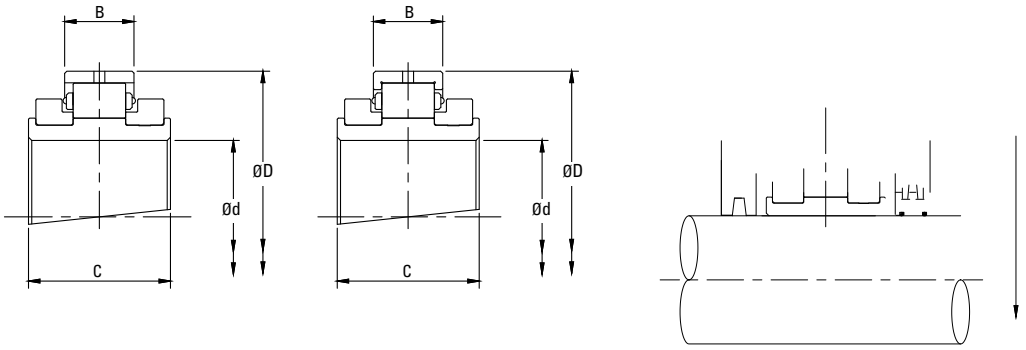


 mm mm 1 11/16 in. 6 in. 60
S03 - S31 61

160 mm 360 mm 6 7/16 in. 14 in. 62
S32 - S40 63

380 mm 600 mm in. 24 in. 64
S41 - S 0 6
-
 mm 3 mm 1 11/16 in. 12 in. 66
- TT/TP
 mm mm 1 11/16 in. 6 in. 68

45 MM 155 MM 1 1⁄16 IN. 6 IN.

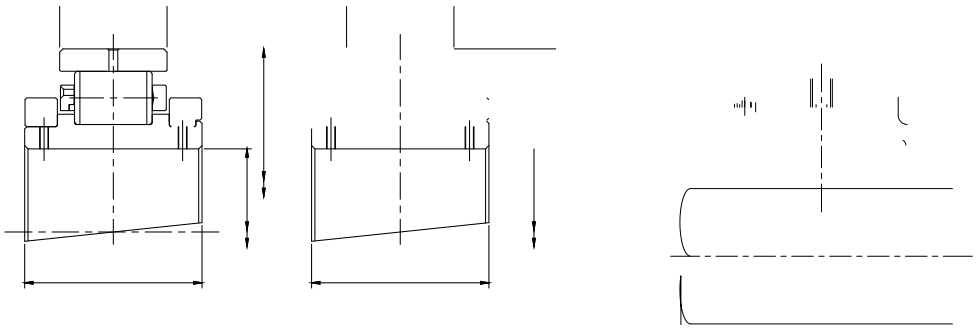


(d)		BR BX MSM BR		C_r	C_{or}	C_a		D	B	C	ATL HRTL HXTL MS3HRTL	HR HX MSM HR		G	F	L	L_1
				kN lb.	kN lb.	kN lb.	RPM										
45 50				121	127	6,20		107,95	35,00	67,50				134,94	32	112	114
55 60 65				168	190	8,80		127,00	38,90	72,30				157,16	38	124	126
70 75				258	300	10,60		149,22	46,10	82,60				177,80	50	138	140
80 85 90				297	353	17,80		169,86	48,40	89,70				203,20	50	152	154
100 105				388	491	25,00		193,68	51,60	92,10				231,78	64	144	146
110 115				454	592	31,20		228,60	57,20	1 Tc2237622 J00-3550726 4367688	2237622 J00-3550726	4367688	492816 16 Td	1534414 Td			

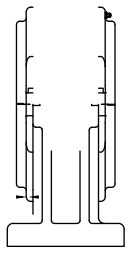
S03 - S31

(d)			H	H_1	H_2	J x K	L x M	
45 50			80	32	180	234	280 x 70	
55 60 65			95	38	208	270	330 x 76	
70 75			112 112	44 44	242 242	320 328 x 88,9	380 x 90 380 x 140	
80 85 90			125 125	55 55	265 265	354 368 x 102	420 x 102 426 x 152	
100 105			143 143	60 60	303 303	392 412 x 114,3	466 x 120 476 x 172	
110 115			162	38	372	450 x 120	508 x 178	
120 125 130			181	40	415	496 x 120	558 x 178	
135 140			203	50	460	546 x 120	610 x 178	
150 155 160			210	50	470	558 x 128	636 x 204	

160 MM 360 MM 6 7/16

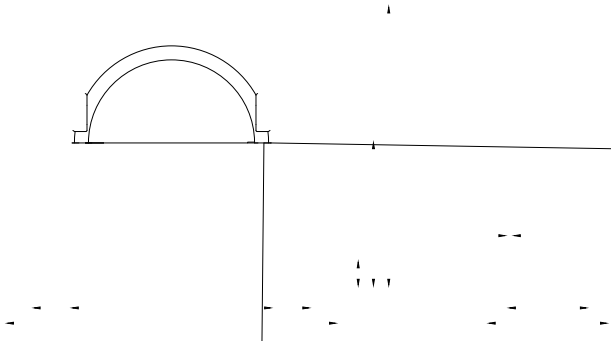


S32 - S40



(d)			H	H_1	H_2	J x K	L x M	
160 170			267	44	535	448 x 172	596 x 242	
175 180			273	44	545	458 x 166	636 x 242	
190 200			305	50	610	508 x 190	686 x 266	
220 230			324	50	650	550 x 190	750 x 280	
240 250 260			356	54	710	596 x 204	812 x 292	
270 280			378	60	760	736 & 534 x 254	914 x 330	
300 305			394	60	790	768 & 566 x 254	958 x 330	
320 330			419	64	840	812 & 610 x 210	1016 x 292	
340 350 360			451	67	900	864 & 660 x 280	1092 x 368	

S41 - S50



(d)			H	H_1	H_2	J x K	L x M	
380			464	67	925	886 & 682 x 280	1092 x 368	
400			495	70	990	934 & 730 x 280	1168 x 368	
420			514	70	1030	972 & 768 x 280	1194 x 368	
440 460			533	73	1070	996 & 788 x 280	1244 x 368	
480			552	76	1110	1042 & 812 x 280	1270 x 368	
500			572	80	1145	1074 & 844 x 280	1296 x 368	
530			594	83	1180	1118 & 890 x 280	1398 x 368	
560			616	86	1230	1158 & 930 x 280	1422 x 382	
580			635	89	1270	1187 & 959 x 280	1448 x 382	
600			673	92	1345	1238 & 1028 &7406305 -31424TJ-0112 Tc[	722174(2302258(x 3)15853Td [	480

45 MM 305 MM 1 1⁄16 IN. 12 IN.

C_{or}

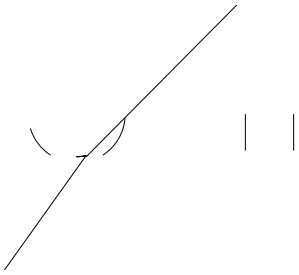
C_a

N



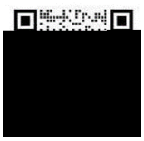
(d)			T		R	P	H	N	V	L
150 155 160A			21,0		466	25 1,0	4,9	393,70 15,500	3 0,1	8,9
170	6 6 ½	F32 23,5	4 x M30 23,0	5,7 524 4 x M30 20,750	32 508 20,0	130 29 11,2 5,1 1,1	444,50 17,500 4,9	5 428,62 16,875	252 5	240
190 200	7 ¼ 7 ½ 6 8	660	38 11	149 568,32	5 762 30,0	290 8 x M30	682 26,9	38 1,5		603,25 23,750

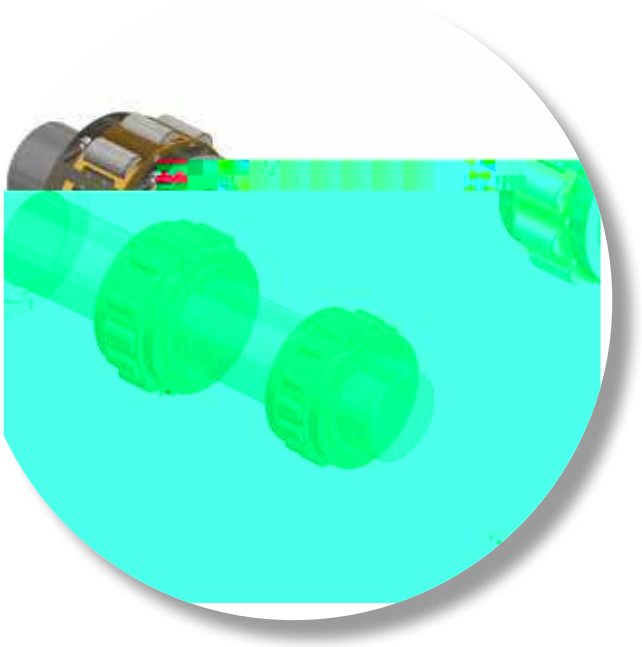




(d)				B	N	D			H		A		X		R		Y
110 115				254	420	381	190	25	51	76	260	508	42	44	44	6	19
120 125 130				266	464	426	204	25	57	86	280	546	48	50	51	8	23
135 140				280	502	464	222	25	60	92	298	584	48	50	54	8	23
150 155 160				305	528	489	235	25	64								





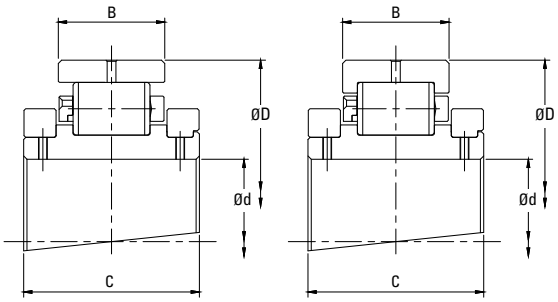


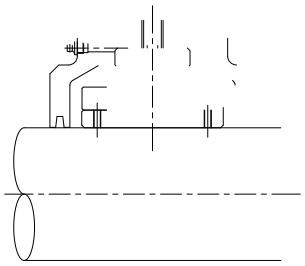
100 mm 260 mm 3 11/16 in. 10 in. 72
S 4 - S63 73

280 mm 600 mm 11 in. 24 in. 74
S83 - S 7

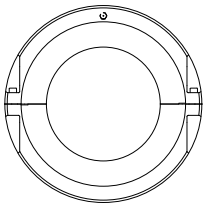
-
12 mm 260 mm 4 /16 in. 10 in. 76

100 MM 260 MM 3 1⁄16 IN. 10 IN.





S54 - S63



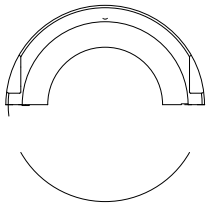
(d)			H	H	H	J x K	L x M	
100 105			191	38	405	438 x 82	514 x 152	
110 115 120			197	38	425	458 x 88	534 x 166	
125 130			203	48	435	470 x 96	546 x 166	
135 140			229	54	485	514 x 102	622 x 178	
150 155			254	57	535	558 x 120	666 x 204	
160 170			267	60	570	628 x 140	736 x 228	
175 180			279	64	580	636 x 152	762 x 254	
190 200			311	67	655	636 x 172	838 x 266	
220 230			349	76	730	736 x 178	952 x 280	
240 260			394	76	790	670 x 304	914 x 406	

280 MM 600 MM 11 IN. 24 IN.



(d)	BR																	

S83 - S95

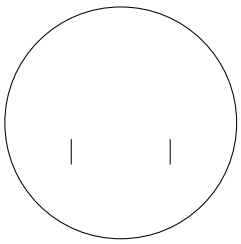


(d)			H	H_1	H_2	J x K	L x M	
280			368	70	785	742 & 502 x 178	940 x 280	
300			457	76	915	876 & 674 x 330	1092 x 420	
320			518	80	1035	978 & 762 x 266	1194 x 356	
340 360			470	82	1000	928 & 660 x 190	1220 x 318	
380 400			559	92	1120	1036 & 806 x 292	1270 x 394	
420 440			508	90	1075	990 & 690 x 210	1270 x 360	
460			550	95	1165	1080 & 780 x 220	1370 x 380	
500 530			622	102	1340	1270 & 940 x 242	1600 x 406	
560			622	102	1340	1270 & 940 x 242	1600 x 406	
580 600			622	102	1340	1270 & 940 x 242	1600 x 406	

125 MM 260 MM 4 15⁄16 IN. 10 IN.

C_{or} C_a

N



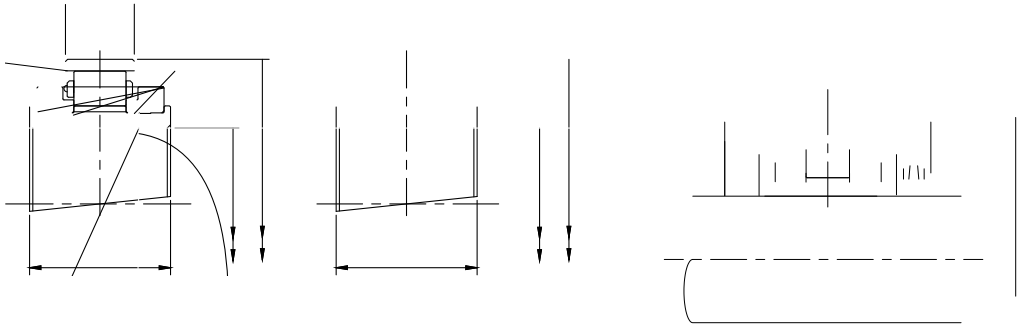
(d)				R		H	N		L
125 130			530	460	34	122	390,45	7	233
150 155			648	574	44	137	495,35	7	264
175 180			724	638	44	156	546,15	8	298
240 250 260			890	796	48	181	692,20	8	348



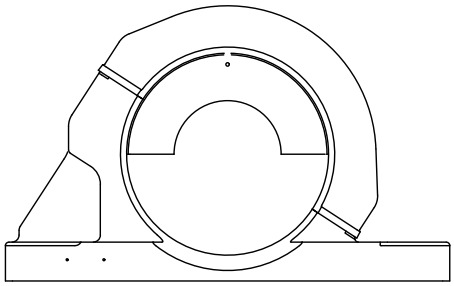
SAF/SN/SD

SAF SN SD

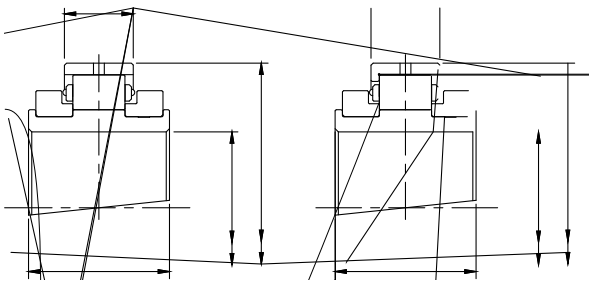
SAFQ /SAFQ
1.,- in. 3.,- in.. 78
SAFQ /SAFQ SAFQ1-2B - SAFQ -2B 79
SAFQ /SAFQ
3.,-In. 7 ,- in. 80
SAFQ /SAFQ SAFQ06A - SAFQ34A. 81
SNQ/SDQ
mm 160 mm 1 ,- in. 6 in. 82
SNQ/SDQ SNQ01 - SNQ10 83
SNQ/SDQ
160 mm mm 6.,- in. 12 in. 84
SNQ/SDQ SDQ11 - SDQ17. . . . . .
SN/SD
mm 160 mm 1 ,- in. 6 in. 86
SN/SD SN01 - SD10 87
SN/SD
160 mm mm 6.,- in. 12 in. 88
SN/SD SD11 - SD17 89
SN/SD
mm 260 mm ,- in. 10 in. 90
SN/SD SN30 - SD36A. 91
SN/SD
270 mm 400 mm 10 – in. 16 in. 92
SN/SD SD37 - SD42 93

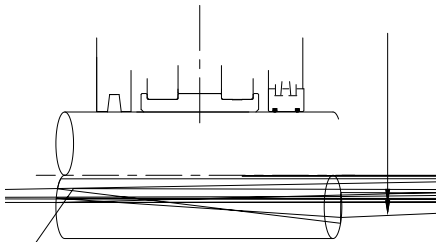


SAFQ /SAFQ
SAFQ1-2B - SAFQ05-2B



(d)		AF			H	J		K		L	M	H
			30 35 40									



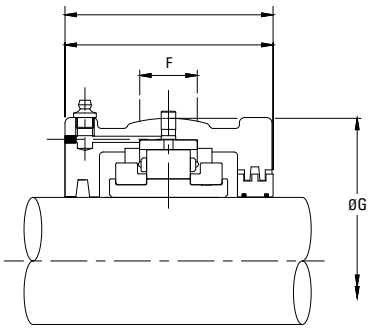


(d)	BR BX			C_r	C_{or}		D	B	C			G	F	L	L_1
				kN lb.	**kN** lb.	RPM									
		MSM80 MSM85		297	352,5		169,86	48,4	89,7			203,2	50	152	154
		MSM95 MSM100		387,7	490,6		193,68	51,6	92,1			231,78	64	144	146

(d)		SAF			H	J		K		L	M	H_2
			80 85									
			95 100									
			110 115									
			110 115									
			120 125									
			135 140									
			135 140									
			150									
			160									

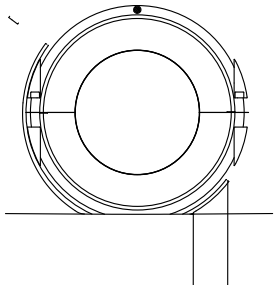
SNQ/SDQ

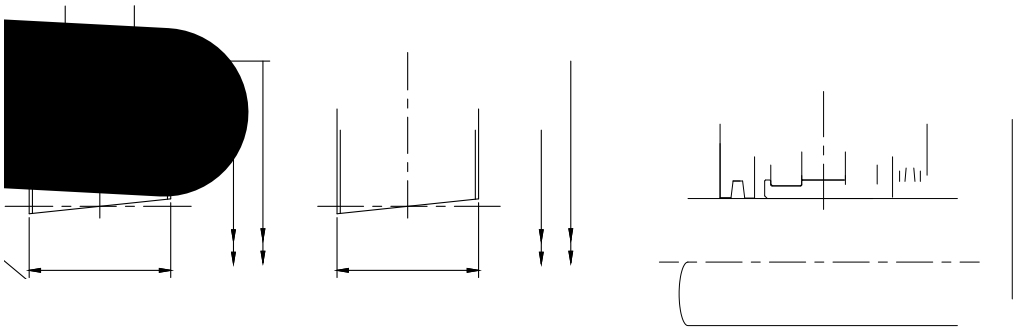
35 MM 160 MM 1 3⁄16 IN. 6 IN.

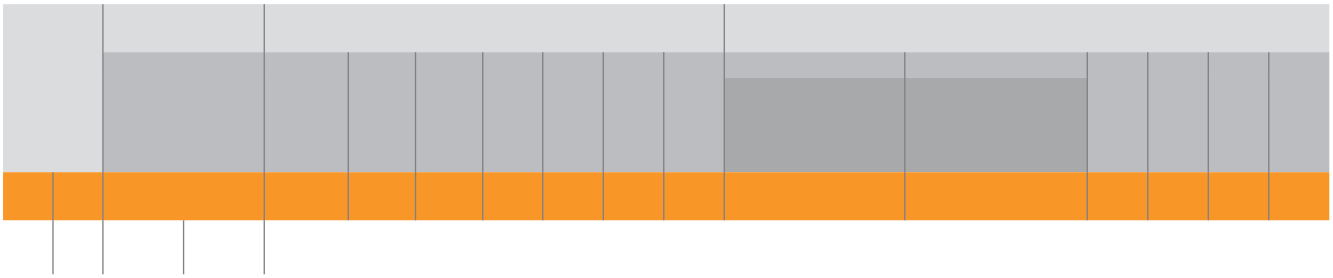


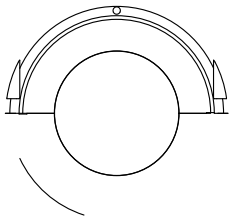
aex

SNQ/SDQ
SNQ01 - SNQ10



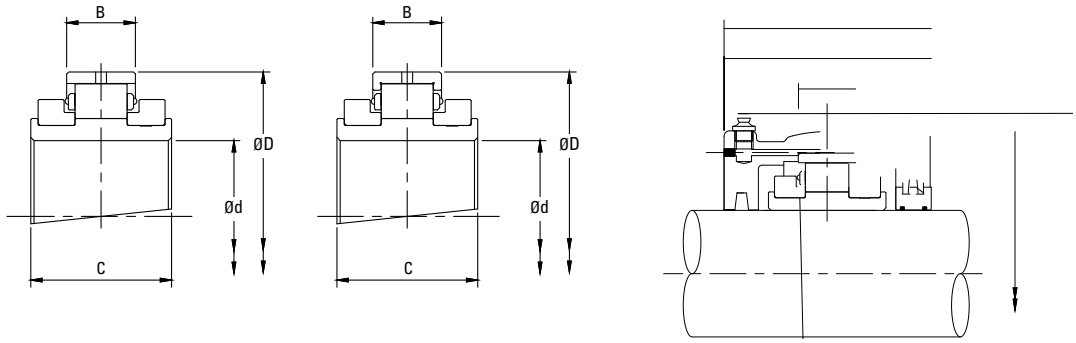




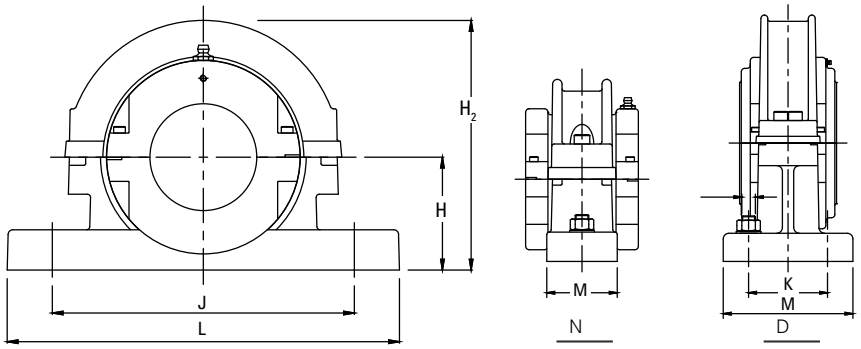


SN/SD

35 MM 160 MM 1 3⁄16 IN. 6 IN.

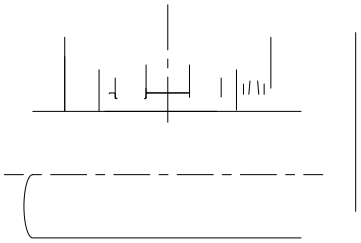


SN/SD
SN01 - SD10



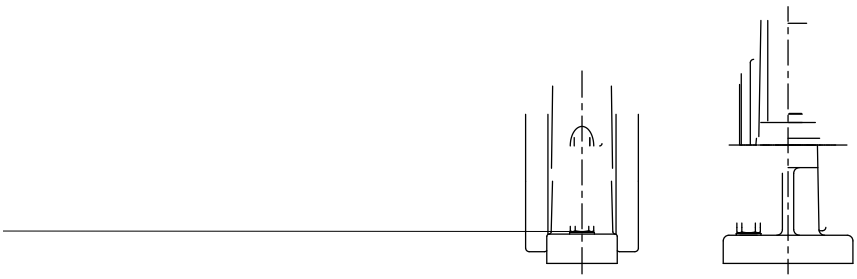
(d)			SN/SD	H	H_2	J x K	L x M	
35 40				60	135	170	205 x 60	
45 50				70	155	210	255 x 70	
55 60 65				80	180	234	275 x 70	
70 75				95	208	260	315 x 90	
80 85 90				100 112 112	230 242 242	290 290 320	345 x 100 345 x 100 380 x 110	
95 100 105				125	265	350	410 x 120	
110 115				140 150	300 310	350 380	410 x 120 445 x 130	
120 125 130				150	354	420	500 x 150	
135 140				160 170	369 379	450 470	530 x 160 550 x 160	
150 155 160				170	379	430 x 100	510 x 180	





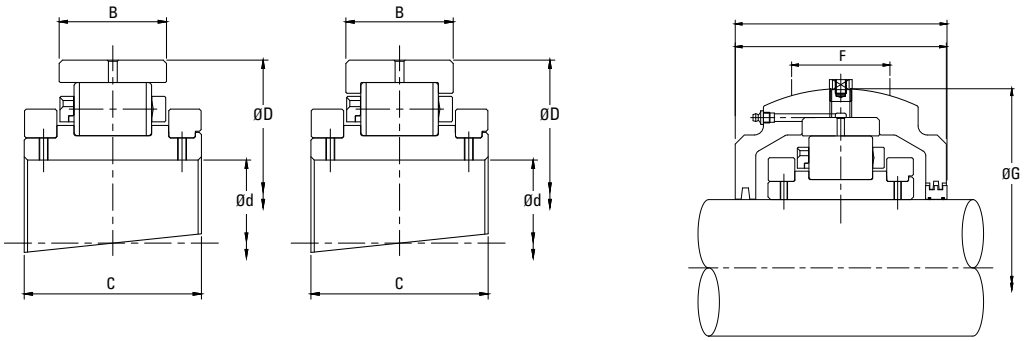
(d)	BR BX LSE103BR	C_r	C_{or}	C_a		D	B	C	ATL HRTL HXTL LS1HRTL	HR HX LSE103HR	G	F	L	L_1
		kN lb.	kN lb.	kN lb.	RPM									
160 170														

.6924(E 032 097453.55›789T2(15Td (.)Tj4 lHkKj 27 T47-8 Td (942(029TJ -0.2328 5022(E 0.52.157(70(028.108896 Tw [(6)-725099(0)]TJ -0.234.8 Tj .57(52)Tj /R2.57›30896(4.822

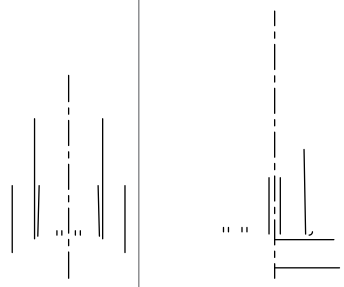


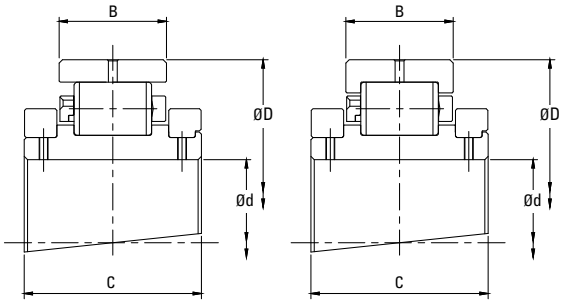
SN/SD

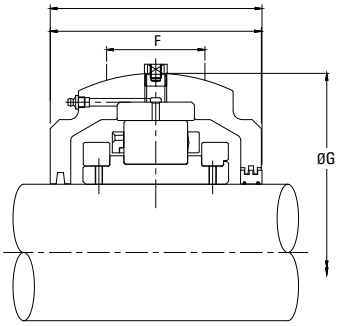
135 MM 260 MM 5 3⁄16 IN. 10 IN.



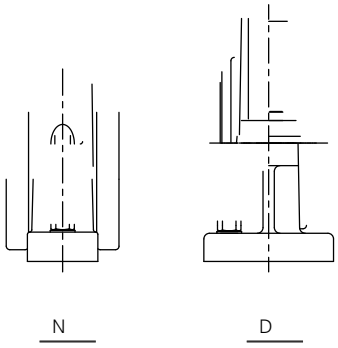
SN/SD
SN30 - SD36A




B
ØD
Ød
C
B
ØD
Ød
C


F
ØG

SN/SD
SD37 - SD42



(d)			N D	H	H	J x K	L x M	
270 280				300	682	710 x 190	830 x 310	
300 305				320	716	750 x 200	880 x 330	
320 330				340	761	810 x 220	950 x 360	
340 350 360				350 360	799 809	840 x 220 870 x 220	1000 x 360 1040 x 360	
380				380	841	950 x 240	1120 x 390	
400				410	902	1000 x 260	1170 x 420	

天津



TIMKEN