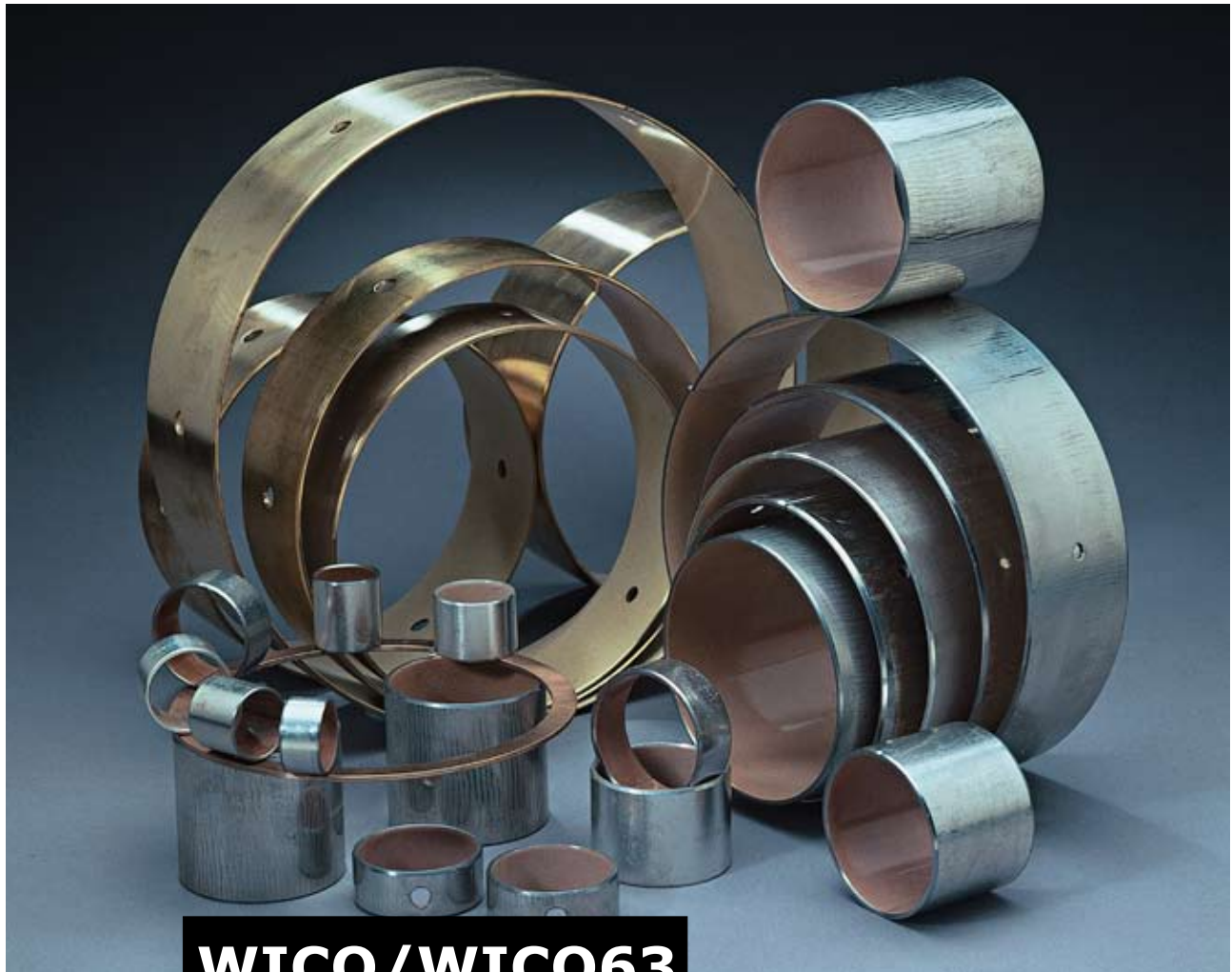




WICO/WICO63

WICO / WICO63-bearings are preferably intended for slow radial and axial movements with relatively high loads and also where effective lubrication does not exist.

WICO / WICO63-bearings therefore have their greatest field of application in oscillatory or slow reciprocating motions.

Owing to the fact that static and dynamic friction is almost equal a favourable bearing is obtained, where continual changes in load and movement are occurring e.g. in slewing brackets and guides in piston rods

The thin layers, which constitute the running surface of the bearing, ought to be well protected to avoid mounting damages and also for heat from e.g. welding.

Technical data

Material:

WICO: Steel backing, bronze, POM

WICO63: Brass backing, bronze, POM

Friction: No lubrication 0,12 – 0,20μ
Boundary lubrication 0,025 – 0,10μ

Max speed: 2,0m/s

Temperature range: -60 / +100 °C

Load	Movement
Ca: 250 N/mm ²	Static
140 N/mm ²	Dynamic
60 N/mm ²	Rotating, oscil.

Tolerances: Bearings pressed into housing H7 get tolerance H9.

Recommended tolerance for the shaft IT7 or IT8 with position of tolerance e or f.

Lubrication: Additional lubrication ought to be done through the shafts or radial through the housings

All customary greases can be used.

WICO/WICO63-bearings need in most of cases very little additional lubrication.

Benefits:

- Rather high load capacity.
- Can be used where effective lubrication does not exist.
- Low friction even without lubrication.
- High level thermal conductivity.
- Wide range of stock hold standard dimensions.

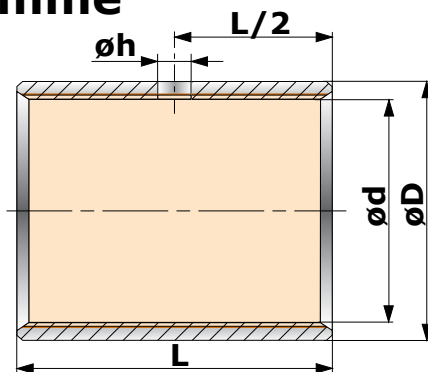
Special:

- Sliding surface on the outside.
- In- or outside lubrication grooves.
- Flat or spherical thrust washers.
- With stainless steel backing.
- Drawing details.

Typical applications:

- Printing machines.
- Hydraulic cylinders.
- Tail lifts.
- Hydraulic cranes.
- Transport systems.
- Talibordlifts.

Dimension programme WICO



Code	Designation	d	D	L
102030	14/ 16x 20 WICO	14	16	20
102036	15/ 17x 20 WICO	15	17	20
102037	15/ 17x 25 WICO	15	17	25
102040	16/ 18x 15 WICO	16	18	15
102045	16/ 18x 20 WICO	16	18	20
102055	18/ 21x 15 WICO	18	21	15
102075	20/ 23x 20 WICO	20	23	20
102080	20/ 23x 25 WICO	20	23	25
102085	20/ 23x 30 WICO	20	23	30
102092	22/ 25x 15-L WICO	22	25	15
102097	22/ 25x 20-L WICO	22	25	20
102103	22/ 25x 30 WICO	22	25	30
102105	25/ 28x 15 WICO	25	28	15
102108	25/ 28x 20-L WICO	25	28	20
102110	25/ 28x 25 WICO	25	28	25
102115	25/ 28x 30 WICO	25	28	30
102135	30/ 34x 20 WICO	30	34	20
102137	30/ 34x 25 WICO	30	34	25
102140	30/ 34x 30 WICO	30	34	30
102145	30/ 34x 40 WICO	30	34	40
102150	32/ 36x 20 WICO	32	36	20
102160	32/ 36x 40 WICO	32	36	40
102172	35/ 39x 30 WICO	35	39	30
102175	35/ 39x 40 WICO	35	39	40
102180	35/ 39x 50 WICO	35	39	50
102183	36/ 40x 15 WICO	36	40	15
102185	36/ 40x 40 WICO	36	40	40
102190	40/ 44x 20 WICO	40	44	20
102200	40/ 44x 30 WICO	40	44	30
102205	40/ 44x 40 WICO	40	44	40
102210	40/ 44x 50 WICO	40	44	50
102225	45/ 50x 20 WICO	45	50	20
102230	45/ 50x 30 WICO	45	50	30
102235	45/ 50x 35 WICO	45	50	35
102240	45/ 50x 40 WICO	45	50	40
102245	45/ 50x 50 WICO	45	50	50
102250	45/ 50x 60 WICO	45	50	60
102255	50/ 55x 15 WICO	50	55	15
102260	50/ 55x 20 WICO	50	55	20
102265	50/ 55x 30 WICO	50	55	30
102270	50/ 55x 40 WICO	50	55	40
102275	50/ 55x 50 WICO	50	55	50
102280	50/ 55x 60 WICO	50	55	60
102290	55/ 60x 40 WICO	55	60	40
102300	55/ 60x 60 WICO	55	60	60
102304	60/ 65x 25 WICO	60	65	25
102305	60/ 65x 40 WICO	60	65	40
102310	60/ 65x 45 WICO	60	65	45
102312	60/ 65x 50 WICO	60	65	50
102315	60/ 65x 60 WICO	60	65	60
102320	60/ 65x 70 WICO	60	65	70
102325	63/ 68x 25 WICO	63	68	25
102330	65/ 70x 40 WICO	65	70	40
102335	65/ 70x 60 WICO	65	70	60
102339	70/ 75x 20 WICO	70	75	20
102340	70/ 75x 25 WICO	70	75	25
102345	70/ 75x 40 WICO	70	75	40
102347	70/ 75x 45 WICO	70	75	45
102348	70/ 75x 50 WICO	70	75	50
102350	70/ 75x 60 WICO	70	75	60
102353	70/ 75x 70 WICO	70	75	70
102355	70/ 75x 80 WICO	70	75	80
102360	75/ 80x 40 WICO	75	80	40

Code	Designation	d	D	L
102365	75/ 80x 80 WICO	75	80	80
102370	80/ 85x 25 WICO	80	85	25
102375	80/ 85x 40 WICO	80	85	40
1023765	80/ 85x 45 WICO	80	85	45
102377	80/ 85x 60 WICO	80	85	60
102380	80/ 85x 80 WICO	80	85	80
102385	85/ 90x 40 WICO	85	90	40
102390	85/ 90x 80 WICO	85	90	80
102393	90/ 95x 20 WICO	90	95	20
1023935	90/ 95x 25 WICO	90	95	25
102395	90/ 95x 40 WICO	90	95	40
102398	90/ 95x 60 WICO	90	95	60
102399	90/ 95x 80-L WICO	90	95	80
102400	90/ 95x 90 WICO	90	95	90
102405	95/ 100x 80 WICO	95	100	80
102415	100/ 105x 20 WICO	100	105	20
102418	100/ 105x 25 WICO	100	105	25
102420	100/ 105x 40-L WICO	100	105	40
102424	100/ 105x 50 WICO	100	105	50
102426	100/ 105x 60 WICO	100	105	60
102427	100/ 105x 80 WICO	100	105	80
102430	100/ 105x 95 WICO	100	105	95
102431	105/ 110x 60-L WICO	105	110	60
1024315	105/ 110x 115 WICO	105	110	115
102433	110/ 115x 25 WICO	110	115	25
102435	110/ 115x 50 WICO	110	115	50
102437	110/ 115x 60 WICO	110	115	60
102440	110/ 115x 95-L WICO	110	115	95
102443	120/ 125x 40 WICO	120	125	40
1024438	120/ 125x 45 WICO	120	125	45
102444	120/ 125x 50 WICO	120	125	50
102447	120/ 125x 60-L WICO	120	125	60
102448	120/ 125x 80-L WICO	120	125	80
102450	120/ 125x 95 WICO	120	125	95
102451	120/ 125x 100-L WICO	120	125	100
102453	125/ 130x 40 WICO	125	130	40
102454	125/ 130x 60 WICO	125	130	60
102455	125/ 130x 100 WICO	125	130	100
102460	130/ 135x 60-L WICO	130	135	60
102465	130/ 135x 100 WICO	130	135	100
102470	140/ 145x 60 WICO	140	145	60
102480	140/ 145x 100-L WICO	140	145	100
102488	150/ 155x 50-L WICO	150	155	50
102490	150/ 155x 60 WICO	150	155	60
102497	150/ 155x 100-L WICO	150	155	100
102500	160/ 165x 60 WICO	160	165	60
102505	160/ 165x 100 WICO	160	165	100
102510	165/ 170x 65 WICO	165	170	65
102515	170/ 175x 60-L WICO	170	175	60
102525	170/ 175x 100-L WICO	170	175	100
102530	175/ 180x 65 WICO	175	180	65
102535	180/ 185x 60 WICO	180	185	60
102540	180/ 185x 100 WICO	180	185	100
102543	190/ 195x 50-L WICO	190	195	50
102545	190/ 195x 60 WICO	190	195	60
102550	190/ 195x 100 WICO	190	195	100
102555	195/ 200x 90 WICO	195	200	90
102557	195/ 200x 90-L WICO	195	200	90
102560	200/ 205x 60-L WICO	200	205	60
102570	200/ 205x 100 WICO	200	205	100
102600	240/ 245x 50-L WICO	240	245	50

Other dimensions and designs can be supplied on request.
All measures in mm.

("L" in the designation stand for lubricating hole.)