

## BWG

BWG-bearings with or without flange are made of casted bronze material with special solid lubricant embedded. The base metal is aimed for high loads and the solid lubricant makes it possible to use BWG-bearings without additional lubrication. BWG-bearings show excellent performance without lubrication under conditions of low speeds and extreme high or low temperatures. The lubrication reservoirs are dispersed in a special way over the bearing surface, therefore the whole bearing surface is lubricated when the movement occurs. These lubrication reservoirs cover about 25-30% of the sliding surface. Both the base material and the solid lubricant can be fitted to special needs to achieve the most suitable solution for the application in question.

### Technical data:

#### Material:

Bronze bearing with solid lubricant.

Yield point: ( $R_{p0,2}$ ) ~ 450 N/mm<sup>2</sup>

Tensile strength: ( $R_m$ ) ~ 750 N/mm<sup>2</sup>

Hardness: > 210 HB

Maximum load	
Static	150 N/mm <sup>2</sup>
Dynamic	90 N/mm <sup>2</sup>

Friction: 0,03-0,20 $\mu$

Maximum speed	
No lubrication	< 0,30 m/s
Oil lubricated	< 1,00 m/s

Temperature range: -100 / +300 °C

Tolerances: Inside F7, outside m6.

Recommended tolerance for the shaft d8, e7 or f7.

### Benefits:

- Extremely high load capacity.
- May be used without additional lubrication.
- Excellent for constructions with low speeds and high loads.
- Suitable for reciprocating, oscillating or intermittent movement.
- Wide range of temperature.
- Good chemical resistance.
- Excellent corrosion resistance.

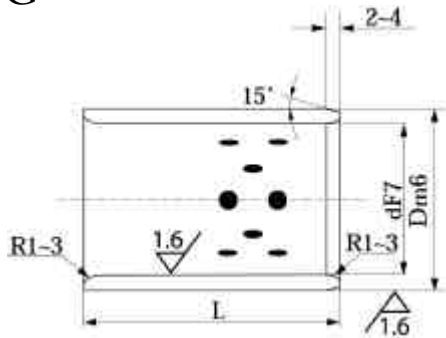
### Special:

- Thrust washers, plates, bars.
- Drawing details.
- Several alternative lubricant materials.
- Several alternative base materials.

### Applications:

- Casting machines.
- Steel rollers.
- Metallurgical industry.
- Ships.
- Turbines.
- Ship cranes.

# Dimension programme BWG



NOTICE THAT THESE BEARINGS  
ARE NOT IN STOCK!!

Code	Designation	d	D	L
Not in stock	08/12X08 BWG	08	12	08
Not in stock	08/12X10 BWG	08	12	10
Not in stock	08/12X12 BWG	08	12	12
Not in stock	08/12X15 BWG	08	12	15
Not in stock	10/14X08 BWG	10	14	08
Not in stock	10/14X10 BWG	10	14	10
Not in stock	10/14X12 BWG	10	14	12
Not in stock	10/14X15 BWG	10	14	15
Not in stock	10/14X20 BWG	10	14	20
Not in stock	12/18X10 BWG	12	18	10
Not in stock	12/18X12 BWG	12	18	12
Not in stock	12/18X15 BWG	12	18	15
Not in stock	12/18X16 BWG	12	18	16
Not in stock	12/18X20 BWG	12	18	20
Not in stock	12/18X25 BWG	12	18	25
Not in stock	12/18X30 BWG	12	18	30
Not in stock	13/19X10 BWG	13	19	10
Not in stock	13/19X15 BWG	13	19	15
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Not in stock	14/20X12 BWG	14	20	12
Not in stock	14/20X15 BWG	14	20	15
Not in stock	14/20X20 BWG	14	20	20
Not in stock	14/20X25 BWG	14	20	25
Not in stock	14/20X30 BWG	14	20	30
Not in stock	15/21X10 BWG	15	21	10
Not in stock	15/21X12 BWG	15	21	12
Not in stock	15/21X15 BWG	15	21	15
Not in stock	15/21X16 BWG	15	21	16
Not in stock	15/21X20 BWG	15	21	20
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Not in stock	16/22X16 BWG	16	22	16
Not in stock	16/22X20 BWG	16	22	20
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Not in stock	16/22X30 BWG	16	22	30
Not in stock	16/22X35 BWG	16	22	35
Not in stock	16/22X40 BWG	16	22	40
Not in stock	18/24X12 BWG	18	24	12
Not in stock	18/24X15 BWG	18	24	15
Not in stock	18/24X16 BWG	18	24	16
Not in stock	18/24X20 BWG	18	24	20
Not in stock	18/24X25 BWG	18	24	25
Not in stock	18/24X30 BWG	18	24	30
Not in stock	18/24X35 BWG	18	24	35
Not in stock	18/24X40 BWG	18	24	40
Not in stock	20/28X10 BWG	20	28	10
Not in stock	20/28X12 BWG	20	28	12
Not in stock	20/28X15 BWG	20	28	15
Not in stock	20/28X16 BWG	20	28	16
Not in stock	20/28X20 BWG	20	28	20
Not in stock	20/28X25 BWG	20	28	25
Not in stock	20/28X30 BWG	20	28	30
Not in stock	20/28X35 BWG	20	28	35

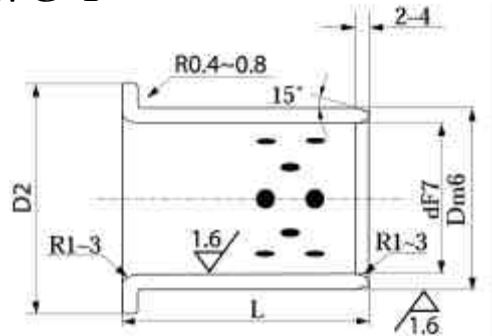
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Not in stock	22/32X15 BWG	22	32	15
Not in stock	22/32X20 BWG	22	32	20
Not in stock	22/32X25 BWG	22	32	25
Not in stock	25/33X12 BWG	25	33	12
Not in stock	25/33X15 BWG	25	33	15
Not in stock	25/33X16 BWG	25	33	16
Not in stock	25/33X20 BWG	25	33	20
Not in stock	25/33X25 BWG	25	33	25
Not in stock	25/33X30 BWG	25	33	30
Not in stock	25/33X35 BWG	25	33	35
Not in stock	25/33X40 BWG	25	33	40
Not in stock	25/33X50 BWG	25	33	50
Not in stock	25/33X60 BWG	25	33	12
Not in stock	30/38X12 BWG	30	38	12
Not in stock	30/38X15 BWG	30	38	15
Not in stock	30/38X20 BWG	30	38	20
Not in stock	30/38X25 BWG	30	38	25
Not in stock	30/38X30 BWG	30	38	30
Not in stock	30/38X35 BWG	30	38	35
Not in stock	30/38X40 BWG	30	38	40
Not in stock	30/38X50 BWG	30	38	50
Not in stock	30/38X60 BWG	30	38	60
Not in stock	35/45X20 BWG	35	45	20
Not in stock	35/45X25 BWG	35	45	25
Not in stock	35/45X30 BWG	35	45	30
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Not in stock	50/65X80 BWG	50	65	80
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Not in stock	55/70X60 BWG	55	70	60
Not in stock	55/70X70 BWG	55	70	70
Not in stock	60/74X30 BWG	60	74	30
Not in stock	60/74X35 BWG	60	74	35
Not in stock	60/74X40 BWG	60	74	40
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Code	Designation	d	D	L
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Not in stock	65/80X80 BWG	65	80	80
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Not in stock	70/85X80 BWG	70	85	80
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Not in stock	70/90X60 BWG	70	90	60
Not in stock	70/90X70 BWG	70	90	70
Not in stock	70/90X80 BWG	70	90	80
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Not in stock	75/90X70 BWG	75	90	70
Not in stock	75/90X80 BWG	75	90	80
Not in stock	75/90X100 BWG	75	90	100
Not in stock	75/95X60 BWG	75	95	60
Not in stock	75/95X70 BWG	75	95	70
Not in stock	75/95X80 BWG	75	95	80
Not in stock	75/95X100 BWG	75	95	100
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Not in stock	80/96X80 BWG	80	96	80
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Not in stock	80/100X70 BWG	80	100	70
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Not in stock	90/110X70 BWG	90	110	70
Not in stock	90/110X80 BWG	90	110	80
Not in stock	90/110X100 BWG	90	110	100
Not in stock	90/110X120 BWG	90	110	120
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Not in stock	100/120X120 BWG	100	120	120
Not in stock	100/120X140 BWG	100	120	140
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Not in stock	110/130X100 BWG	110	130	100
Not in stock	110/130X120 BWG	110	130	120
Not in stock	120/140X80 BWG	110	140	80
Not in stock	120/140X100 BWG	110	140	100
Not in stock	120/140X120 BWG	110	140	120
Not in stock	120/140X140 BWG	110	140	140
Not in stock	125/145X100 BWG	125	145	100
Not in stock	125/145X120 BWG	125	145	120
Not in stock	130/150X100 BWG	130	150	100
Not in stock	130/150X100 BWG	130	150	100
Not in stock	140/160X100 BWG	140	160	100

Code	Designation	d	D	L
Not in stock	140/160X140 BWG	140	160	140
Not in stock	150/170X100 BWG	150	170	100
Not in stock	150/170X150 BWG	150	170	150
Not in stock	160/180X100 BWG	160	180	100
Not in stock	160/180X150 BWG	160	180	150

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

## Dimension programme BWG-F



NOTICE THAT THESE BEARINGS  
ARE NOT IN STOCK!!

Code	Designation	d	D	D2	L
Not in stock	10/14/22X15 BWG-F	10	14	22	15
Not in stock	10/14/22X20 BWG-F	10	14	22	20
Not in stock	12/18/25X15 BWG-F	12	18	25	15
Not in stock	12/18/25X20 BWG-F	12	18	25	20
Not in stock	13/19/26X15 BWG-F	13	19	26	15
Not in stock	13/19/26X20 BWG-F	13	19	26	20
Not in stock	14/20/27X15 BWG-F	14	20	27	15
Not in stock	14/20/27X20 BWG-F	14	20	27	20
Not in stock	15/21/28X15 BWG-F	15	21	28	15
Not in stock	15/21/28X20 BWG-F	15	21	28	20
Not in stock	15/21/28X25 BWG-F	15	21	28	25
Not in stock	15/21/28X30 BWG-F	15	21	28	30
Not in stock	16/22/29X15 BWG-F	16	22	29	15
Not in stock	16/22/29X20 BWG-F	16	22	29	20
Not in stock	16/22/29X25 BWG-F	16	22	29	25
Not in stock	16/22/29X30 BWG-F	16	22	29	30
Not in stock	20/30/40X15 BWG-F	20	30	40	15
Not in stock	20/30/40X20 BWG-F	20	30	40	20
Not in stock	20/30/40X25 BWG-F	20	30	40	25
Not in stock	20/30/40X30 BWG-F	20	30	40	30
Not in stock	20/30/40X40 BWG-F	20	30	40	40
Not in stock	25/35/45X15 BWG-F	25	35	45	15
Not in stock	25/35/45X20 BWG-F	25	35	45	20
Not in stock	25/35/45X25 BWG-F	25	35	45	25
Not in stock	25/35/45X30 BWG-F	25	35	45	30
Not in stock	25/35/45X40 BWG-F	25	35	45	40
Not in stock	30/40/50X20 BWG-F	30	40	50	20
Not in stock	30/40/50X25 BWG-F	30	40	50	25
Not in stock	30/40/50X30 BWG-F	30	40	50	30
Not in stock	30/40/50X35 BWG-F	30	40	50	35
Not in stock	30/40/50X40 BWG-F	30	40	50	40
Not in stock	30/40/50X50 BWG-F	30	40	50	50
Not in stock	31,5/40/50X20 BWG-F	31,5	40	50	20
Not in stock	31,5/40/50X35 BWG-F	31,5	40	50	35
Not in stock	35/45/60X20 BWG-F	35	45	60	20
Not in stock	35/45/60X30 BWG-F	35	45	60	30
Not in stock	35/45/60X40 BWG-F	35	45	60	40
Not in stock	35/45/60X50 BWG-F	35	45	60	50
Not in stock	40/50/65X20 BWG-F	40	50	65	20
Not in stock	40/50/65X30 BWG-F	40	50	65	30
Not in stock	40/50/65X40 BWG-F	40	50	65	40
Not in stock	40/50/65X50 BWG-F	40	50	65	50
Not in stock	45/55/70X30 BWG-F	45	55	70	30

Code	Designation	d	D	D2	L
Not in stock	45/55/70X40 BWG-F	45	55	70	40
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Not in stock	45/55/70X60 BWG-F	45	55	70	60
Not in stock	50/60/75X30 BWG-F	50	60	75	30
Not in stock	50/60/75X40 BWG-F	50	60	75	40
Not in stock	50/60/75X50 BWG-F	50	60	75	50
Not in stock	50/60/75X60 BWG-F	50	60	75	60
Not in stock	55/65/80X40 BWG-F	55	65	80	40
Not in stock	55/65/80X60 BWG-F	55	65	80	60
Not in stock	60/75/90X40 BWG-F	60	75	90	40
Not in stock	60/75/90X50 BWG-F	60	75	90	50
Not in stock	60/75/90X80 BWG-F	60	75	90	80
Not in stock	63/75/85X67 BWG-F	63	75	85	67
Not in stock	70/85/105X50 BWG-F	70	85	105	50
Not in stock	70/85/105X80 BWG-F	70	85	105	80
Not in stock	75/90/110X60 BWG-F	75	90	110	60
Not in stock	80/100/120X60 BWG-F	80	100	120	60
Not in stock	80/100/120X80 BWG-F	80	100	120	80
Not in stock	80/100/120X100 BWG-F	80	100	120	100
Not in stock	90/110/130X60 BWG-F	90	110	130	60
Not in stock	90/110/130X80 BWG-F	90	110	130	80
Not in stock	100/120/150X80 BWG-F	100	120	150	80
Not in stock	100/120/150X100 BWG-F	100	120	150	100
Not in stock	120/140/170X80 BWG-F	120	140	170	80
Not in stock	120/140/170X100 BWG-F	120	140	170	100

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

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