



BHT 2RS 150°

Ball Bearings for High Temperature

The bearings BHT 2RS for 150° are developed on the base of a standard structure but with special stabilization treatment, radial clearance, greases and special seals which make them suitable to operate from -30 to +150°.

Their application range is extremely wide and covers almost all the areas of application, particularly the bearing in BHT 2RS 150° version allows a wide range of safety in all applications where it can also occur temporarily and for reason not dependent on the will of the designer, occasional phenomenal of overheating.

The current trend of globalization of supply, often creates situations of application of products not predictable and not calculable; the bearing BHT 2RS 150° allows additional security at very low cost.

Technical characteristics:

Material Steel AISI 52100 (Chrome) stabilized for the application

Radial Clearance C4

Seals 2RS in steel with vulcanized rubber for 150°

Greasing with grease for temperature up to 170°

Fields of application:

Air Conveyors

Transmission chains

Industrial fan

Industrial heaters

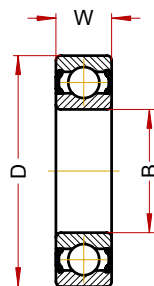
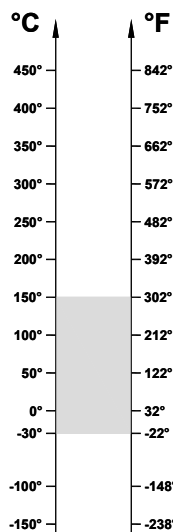
Various oven components

Agricultural machinery



BHT 2RS 150° (6000 Serie)

Ball Bearings for High Temperature



OPERATING RANGE: -30° / 150°C

ECONOMIC OPERATING RANGE: 80° / 150°C

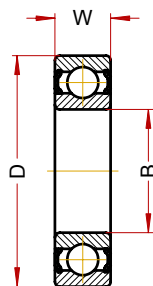
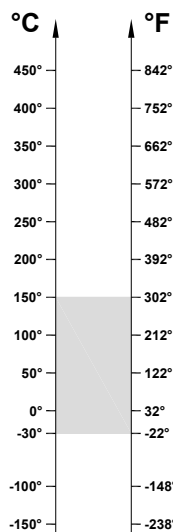
Designation	Bore (B)	Diam (D)	Widht (W)	Weight g	Speed RPM/min (*)	Static Load, kN at 150°	Static Load, kN at 20°
6000 BHT 2RS 150°	10	26	8	20	10000	1,96	1,96
6001 BHT 2RS 150°	12	28	8	25	10000	2,36	2,36
6002 BHT 2RS 150°	15	32	9	30	10000	2,85	2,85
6003 BHT 2RS 150°	17	35	10	40	9000	3,25	3,25
6004 BHT 2RS 150°	20	42	12	69	8000	5	5
6005 BHT 2RS 150°	25	47	12	80	7000	5,85	5,85
6006 BHT 2RS 150°	30	55	13	120	6000	8	8
6007 BHT 2RS 150°	35	62	14	160	5000	10,4	10,4
6008 BHT 2RS 150°	40	68	15	190	4500	11,8	11,8

OPERATING RANGE is the correct technical range in which can be used the bearing with good operating result.

ECONOMIC OPERATING RANGE is the range of temperature in which you can find, according to our study experience and know-how, the better relation price - quality life-time.

BHT 2RS 150° (6200 Serie)

Ball Bearings for High Temperature



OPERATING RANGE: -30° / 150°C

ECONOMIC OPERATING RANGE: 80° / 150°C

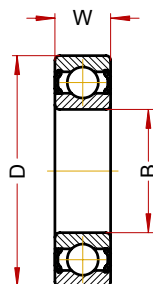
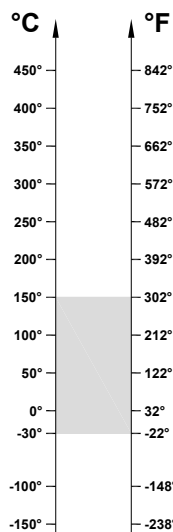
Designation	Bore (B)	Diam (D)	Widht (W)	Weight g	Speed RPM/min (*)	Static Load, kN at 150°	Static Load, kN at 20°
6200 BHT 2RS 150°	10	30	9	30	10000	2,6	2,6
6201 BHT 2RS 150°	12	32	10	37	10000	3,1	3,1
6202 BHT 2RS 150°	15	35	11	45	10000	3,75	3,75
6203 BHT 2RS 150°	17	40	12	65	9000	4,75	4,75
6204 BHT 2RS 150°	20	47	14	110	8000	6,55	6,55
6205 BHT 2RS 150°	25	52	15	130	7000	8	8
6206 BHT 2RS 150°	30	62	16	200	6000	11,2	11,2
6207 BHT 2RS 150°	35	72	17	290	5000	15,3	15,3
6208 BHT 2RS 150°	40	80	18	370	4000	18	18

OPERATING RANGE is the correct technical range in which can be used the bearing with good operating result.

ECONOMIC OPERATING RANGE is the range of temperature in which you can find, according to our study experience and know-how, the better relation price - quality life-time.

BHT 2RS 150° (6300 Serie)

Ball Bearings for High Temperature



OPERATING RANGE: -30° / 150°C

ECONOMIC OPERATING RANGE: 80° / 150°C

Designation	Bore (B)	Diam (D)	Widht (W)	Weight g	Speed RPM/min (*)	Static Load, kN at 150°	Static Load, kN at 20°
6300 BHT 2RS 150°	10	35	11	52	10000	3,45	3,45
6301 BHT 2RS 150°	12	37	12	60	9500	4,15	4,15
6302 BHT 2RS 150°	15	42	13	80	9000	5,4	5,4
6303 BHT 2RS 150°	17	47	14	120	8000	6,55	6,55
6304 BHT 2RS 150°	20	52	15	140	7000	8,5	8,5
6305 BHT 2RS 150°	25	62	17	225	6000	11,4	11,4
6306 BHT 2RS 150°	30	72	19	350	5000	16,3	16,3
6307 BHT 2RS 150°	35	80	21	450	4000	19	19
6308 BHT 2RS 150°	40	90	23	620	3500	25	25

OPERATING RANGE is the correct technical range in which can be used the bearing with good operating result.

ECONOMIC OPERATING RANGE is the range of temperature in which you can find, according to our study experience and know-how, the better relation price - quality life-time.