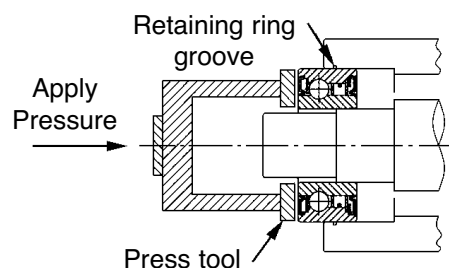
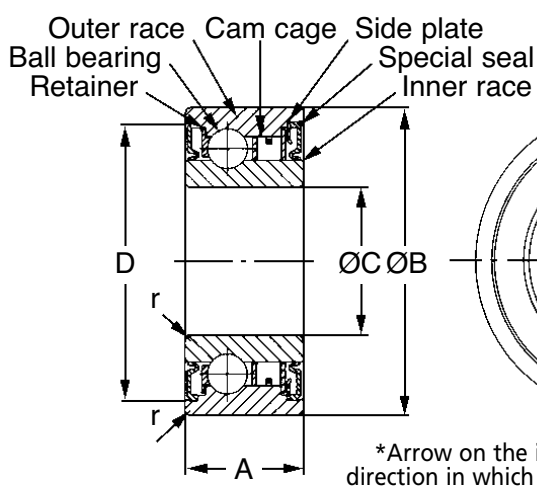


# COUPLINGS

**BB-2GD**

## Sprag Type One Way Cam Clutches

Press Fit Type with Seals : 29 - 260Nm, 15 - 40mm Bores



**Discounts:** 5+ -5%    10+ -10%    20+ -12.5%    50+ -25%    80+ -27.5%

Part Number	Torque Capacity N•m	Max Overrunning Speed Inner Race r/min	Outer Race r/min	Drag Torque N•m	Mating Parts		A	ØB	ØC	D	r	Weight g	Bearing Loads		Price Each 1 - 4
					Shaft Dia.	Housing Dia.							C N	Co N	
BB15-2GD	29	3600	2000	0.040	15 <sup>+0.023</sup> / <sub>+0.012</sub>	35 <sup>-0.012</sup> / <sub>-0.028</sub>	16	35	15	32.45	0.6	70	5950	3230	£66.45
BB17-2GD	43	3500	1900	0.050	17 <sup>+0.023</sup> / <sub>+0.012</sub>	40 <sup>-0.012</sup> / <sub>-0.028</sub>	17	40	17	36.45	0.6	100	7000	3700	£61.46
BB20-2GD	61	3000	1600	0.055	20 <sup>+0.028</sup> / <sub>+0.015</sub>	47 <sup>-0.012</sup> / <sub>-0.028</sub>	19	47	20	42.35	1.0	150	8500	4900	£59.98
BB25-2GD	78	2500	1400	0.055	25 <sup>+0.028</sup> / <sub>+0.015</sub>	52 <sup>-0.014</sup> / <sub>-0.033</sub>	20	52	25	47.05	1.0	200	10700	6300	£61.12
BB30-2GD	140	2000	1100	0.058	30 <sup>+0.033</sup> / <sub>+0.017</sub>	62 <sup>-0.014</sup> / <sub>-0.033</sub>	21	62	30	55.60	1.0	280	11900	7900	£66.76
BB35-2GD	173	1800	1000	0.060	35 <sup>+0.033</sup> / <sub>+0.017</sub>	72 <sup>-0.014</sup> / <sub>-0.033</sub>	22	72	35	64.60	1.1	410	13500	9700	£88.28
BB40-2GD	260	1800	900	0.080	40 <sup>+0.033</sup> / <sub>+0.017</sub>	80 <sup>-0.014</sup> / <sub>-0.033</sub>	27	80	40	71.60	1.1	600	14500	11700	£111.21

### Material

High carbon hardened steel alloy

### Installation & Usage

The BB-2GD series Cam Clutches are designed for press fit installation. Shaft Dia. and Housing Dia. shown in the table must be maintained to obtain maximum bearing and clutch performance.

The clutch should be mounted onto the shaft by stamped rotational arrow on the clutch inner race.

To install the clutch, use a press tool of the appropriate diameter to apply even pressure over the entire face of the inner race and outer race.

Do not hammer or knock the clutch.

Make sure the housing has enough strength to withstand the pressure required for press fit installation of the clutch.

Operating temperature range: -30°C to +100°C (Peaks up to +120°C). Please contact our technical department for temperatures out of the above range.

Furnished with Long Life Lubrication grease.

### Features

**Dust Protection:** The BB-2GD series Cam Clutches have special lip seals for the effective protection against dust.

**Dimension Identical:** The BB-2GD series Cam Clutches are dimensionally interchangeable with competitors, which means it is easy to replace them with the BB-2GD.

**Easy Installation and Easy Maintenance:** The clutch is designed for press fit installation. It is easy to install the clutch to your machine. In addition, they are furnished with Long Life Lubrication grease.

### Safety Recommendations

Always lock out power switch before installing, removing, lubricating or servicing a system that uses Cam Clutch products.

When connecting or disconnecting Cam Clutch products, eye protection is required. Wear safety glasses, protective clothing, gloves and safety shoes.

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Product information updated 1st April 2011 and subject to change. Please contact Sales for the latest prices and availability.