



PARTS CATALOG



Table of Contents

Idler Wheel Rollers	7
Sprockets	33
Friction Drive Rollers	61
Shakers	67
Torque Limiter Clutches	73
Articulating Implement Hitches	79
Chain Tensioners & Idlers	85
Accessories	91



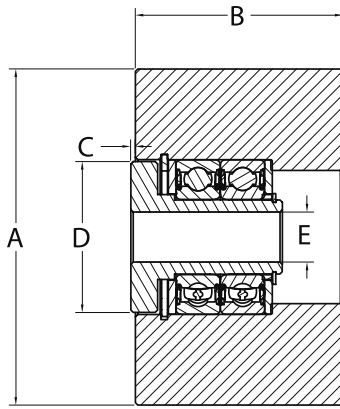
IDLER WHEEL ROLLERS

IDLER WHEEL ROLLERS



Idler Wheel Rollers

Flat Series Steel	8
Flat Series Rubber	13
Urethane Rollers	17
Tapered Edge Series Steel	18
Flanged Series Steel	20
Flanged Series Rubber	23
Double Flanged Steel Series	26
Cone Series Steel	28



- A: Wheel Diameter
- B: Wheel Width
- C: Standoff Length
- D: Standoff Diameter
- E: Through Hole

BEARING INFORMATION

BGA - A 52MM (6205) bearing used in high speed applications

BGAS - A 52MM (6205) bearing used in low to moderate speed applications where high contamination is present

BGF - A 52MM collar-locking bearing used in low to moderate speed applications where moderate contamination is present (used only for 1" shaft mounts)

BGBS - A 40MM (6203) bearing used in low to moderate speed applications where high contamination is present

BGB - A 40MM (6203) bearing used in high speed applications

NB21 - A fixed bearing used in underwater applications

AUXILIARY SEAL INFORMATION

NRT - An auxiliary bearing seal that provides excellent protection in high contamination areas to greatly improve bearing life. The NRT seal has a low friction coefficient, providing low bearing drag.





ROLLERS - FLAT SERIES - STEEL

	PART NUMBER	WHEEL DIAMETER	WHEEL WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E			
	RA200MN	2"	1"	.062 OR .094	3/4"	1/2"	(1) BGBS	N/A	Moderate Contamination
	RA225MN	2-1/4"	1"	.062 OR .094	3/4"	1/2"	(1) BGBS	N/A	Moderate Contamination
	RA250MN	2-1/2"	1"	.062 OR .094	3/4"	1/2"	(1) BGBS	N/A	Moderate Contamination
	R2517BRBW1	2-1/2"	1-3/4"	0.06	1-1/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R25BR/BRG	2-1/2"	2-3/8"	N/A	N/A	N/A	(2) BGAS	(2) NRT	High Contamination
	R25BRM2	2-1/2"	2-3/8"	0.97	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R25BRMM2	2-1/2"	2-3/8"	0.74	1-3/4"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R25BRR1	2-1/2"	2-3/8"	0.06	2"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R25BRR2	2-1/2"	2-3/8"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R25BRR3	2-1/2"	2-3/8"	0.06	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R25BRU1	2-1/2"	2-3/8"	0.06	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R25BRU2	2-1/2"	2-3/8"	0.06	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R25BRU3	2-1/2"	2-3/8"	0.06	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination






ROLLERS – FLAT SERIES – STEEL

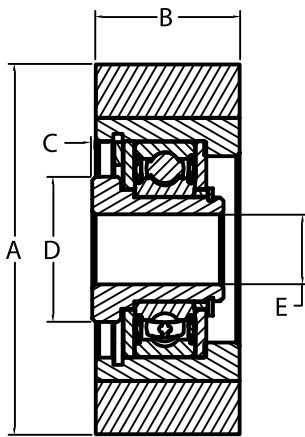
	PART NUMBER	WHEEL DIAMETER	WHEEL WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E			
	2625BG2	2-1/2"	4-1/8"	0.06	1-1/8"	5/8"	(2) BGA	----	High Speed
	2625BG3	2-1/2"	4-1/8"	0.06	1-1/8"	3/4"	(2) BGA	----	High Speed
	2625LBGL2	2-1/2"	4-1/2"	0.06	1-1/8"	5/8"	(2) BGA	----	High Speed
	2625LBGL3	2-1/2"	4-1/2"	0.06	1-1/8"	3/4"	(2) BGA	----	High Speed
	550007	2-1/2"	8"	.3 (Both Sides)	1-1/8"	3/8-16 Tapped	(2) BGA	----	High Speed
	R31AB1	3"	1"	0.13	1-1/8"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R31AB2	3"	1"	0.13	1-1/8"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R31AB3	3"	1"	0.13	1-1/8"	3/4"	(1) BGAS	N/A	Moderate Contamination
	R31AJ1	3"	1"	0.48	1-3/8"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R31AJ2	3"	1"	0.48	1-3/8"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R31AL1	3"	1"	1.108	1-1/2"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R31AL2	3"	1"	1.108	1-1/2"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R31AW1	3"	1"	0.2	1-3/8"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R31AW2	3"	1"	0.2	1-3/8"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R31AY1	3"	1"	2.06	1-1/2"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R31AY2	3"	1"	2.06	1-1/2"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R31A/BRG	3"	1"	N/A	N/A	N/A	(1) BGAS	N/A	Moderate Contamination
	2632BD1X	3"	2-1/8"	0.13	1-1/8"	1/2"	(2) BGA	N/A	High Speed
	2632BD2X	3"	2-1/8"	0.13	1-1/8"	5/8"	(2) BGA	N/A	High Speed
	2632BD3X	3"	2-1/8"	0.13	1-1/8"	3/4"	(2) BGA	N/A	High Speed
	26306BI3	3"	6"	0.13	1-1/8"	3/4"	(2) BGAS	N/A	Moderate Contamination
	R35BR/BRG	3-1/2"	2-3/8"	N/A	N/A	N/A	(2) BGAS	(2) NRT	High Contamination
	R35BR-1	3-1/2"	2-3/8"	N/A	N/A	1" Shaft Mount	(2) BGF	N/A	Moderate Contamination
	R35BRP2	3-1/2"	2-3/8"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R35BRR1	3-1/2"	2-3/8"	0.06	2"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R35BRR2	3-1/2"	2-3/8"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R35BRR3	3-1/2"	2-3/8"	0.06	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R35BRU1	3-1/2"	2-3/8"	0.06	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R35BRU2	3-1/2"	2-3/8"	0.06	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
R35BRU3	3-1/2"	2-3/8"	0.06	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination	
	R35BRLABG2	3-1/2"	4-1/8"	0.116	1-1/8"	5/8"	(2) BGAS	----	Moderate Contamination
	R35BRLABG3	3-1/2"	4-1/8"	0.116	1-1/8"	3/4"	(2) BGAS	----	Moderate Contamination

ROLLERS – FLAT SERIES – STEEL

	PART NUMBER	WHEEL DIAMETER	WHEEL WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E			
Carbon Steel Body 	R11A-1	4"	1"	N/A	N/A	1" Shaft Mount	(1) BGF	N/A	Moderate Contamination
	R11A/BRG	4"	1"	N/A	N/A	N/A	(1) BGAS	N/A	Moderate Contamination
	R11AB1	4"	1"	0.10	1-1/8"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R11AB2	4"	1"	0.10	1-1/8"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R11AB3	4"	1"	0.10	1-1/8"	3/4"	(1) BGAS	N/A	Moderate Contamination
	R11AD1	4"	1"	3.03	1-1/2"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R11AD2	4"	1"	3.03	1-1/2"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R11AJ2	4"	1"	0.45	1-3/8"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R11AL1	4"	1"	1.08	1-1/2"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R11AL2	4"	1"	1.08	1-1/2"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R11AN1	4"	1"	1.64	1-1/2"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R11AN2	4"	1"	1.64	1-1/2"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R11AO1	4"	1"	1.33	1-1/2"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R11AO2	4"	1"	1.33	1-1/2"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R11AQ2	4"	1"	1.33	1-3/8"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R11AW1	4"	1"	0.17	1-3/8"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R11AW2	4"	1"	0.17	1-3/8"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R11AY1	4"	1"	2.03	1-1/2"	1/2"	(1) BGAS	N/A	Moderate Contamination
R11AY2	4"	1"	2.03	1-1/2"	5/8"	(1) BGAS	N/A	Moderate Contamination	
Hardened Steel Body 	R41NB2	4"	1"	1.707	1-1/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R41NB3	4"	1"	1.707	1-1/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R41NR2	4"	1"	1.957	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R41NSDBB2	4"	1"	3.019	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R41NSDBB3	4"	1"	3.019	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
Carbon Steel Body 	R18N-1	4"	1-1/4"	N/A	N/A	1" Shaft Mount	(1) BGF	N/A	Moderate Contamination
	R18N/BRG	4"	1-1/4"	N/A	N/A	N/A	(1) BGAS	(2) NRT	High Contamination
	R18NB1	4"	1-1/4"	-0.019	1-1/8"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R18NB2	4"	1-1/4"	-0.019	1-1/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R18NN1	4"	1-1/4"	1.525	1-1/2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R18NO1	4"	1-1/4"	1.213	1-1/2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R18NW2	4"	1-1/4"	0.051	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R18NX1	4"	1-1/4"	1.841	2"	1/2"	(1) BGAS	(2) NRT	High Contamination
R18NX2	4"	1-1/4"	1.841	2"	5/8"	(1) BGAS	(2) NRT	High Contamination	
Carbon Steel Body 	R40BR/BRG	4"	2-3/8"	----	----	----	(2) BGAS	(2) NRT	High Contamination
	R40BR-1	4"	2-3/8"	----	----	1" Shaft Mount	(2) BGF	----	Moderate Contamination
	R40BRP2	4"	2-3/8"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R40BRR1	4"	2-3/8"	0.06	2"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R40BRR2	4"	2-3/8"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R40BRR3	4"	2-3/8"	0.06	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R40BRU1	4"	2-3/8"	0.06	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R40BRU2	4"	2-3/8"	0.06	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
R40BRU3	4"	2-3/8"	0.06	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination	

ROLLERS – FLAT SERIES – STEEL

	PART NUMBER	WHEEL DIAMETER	WHEEL WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E			
Carbon Steel Body 	R45BR/BRG	4-1/2"	2-3/8"	----	----	----	(2) BGAS	(2) NRT	High Contamination
	R45BR-1	4-1/2"	2-3/8"	----	----	1" Shaft Mount	(2) BGF	----	Moderate Contamination
	R45BRP2	4-1/2"	2-3/8"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R45BRR1	4-1/2"	2-3/8"	0.06	2"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R45BRR2	4-1/2"	2-3/8"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R45BRR3	4-1/2"	2-3/8"	0.06	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R45BRU1	4-1/2"	2-3/8"	0.06	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R45BRU2	4-1/2"	2-3/8"	0.06	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R45BRU3	4-1/2"	2-3/8"	0.06	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
Carbon Steel Body 	R12A-1	4-3/4"	1"	N/A	N/A	1" Shaft Mount	(1) BGF	N/A	Moderate Contamination
	R12A/BRG	4-3/4"	1"	N/A	N/A	N/A	(1) BGAS	N/A	Moderate Contamination
	R12AB2	4-3/4"	1"	0.1	1-1/8"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R12AD2	4-3/4"	1"	3.03	1-1/2"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R12AJ2	4-3/4"	1"	0.45	1-3/8"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R12AL2	4-3/4"	1"	1.078	1-1/2"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R12AO1	4-3/4"	1"	1.332	1-1/2"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R12AW1	4-3/4"	1"	0.17	1-3/8"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R12AW2	4-3/4"	1"	0.17	1-3/8"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R12AY1	4-3/4"	1"	2.03	1-1/2"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R12AY2	4-3/4"	1"	2.03	1-1/2"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R12AY3	4-3/4"	1"	2.03	1-1/2"	3/4"	(1) BGAS	N/A	Moderate Contamination
Hardened Steel Body 	R51N/BRG	5"	1"	N/A	N/A	N/A	(2) BGAS	(2) NRT	High Contamination
	R51NR2	5"	1"	1.957	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R51NSDBB2	5"	1"	3.019	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R51NSDBB3	5"	1"	3.019	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
Carbon Steel Body 	R50BR/BRG	5"	2-3/8"	----	----	----	(2) BGAS	(2) NRT	High Contamination
	R50BR-1	5"	2-3/8"	----	----	1" Shaft Mount	(2) BGF	----	Moderate Contamination
	R50BRP2	5"	2-3/8"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R50BRR1	5"	2-3/8"	0.06	2"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R50BRR2	5"	2-3/8"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R50BRR3	5"	2-3/8"	0.06	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R50BRU1	5"	2-3/8"	0.06	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R50BRU2	5"	2-3/8"	0.06	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
R50BRU3	5"	2-3/8"	0.06	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination	
Carbon Steel Body 	R60A/BRG	6"	1"	N/A	N/A	N/A	(1) BGAS	N/A	Moderate Contamination
	R60AAGB2	6"	1"	3.33	3"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R60AB1	6"	1"	0.1	1-1/8"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R60AB2	6"	1"	0.1	1-1/8"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R60AD2	6"	1"	3.03	1-1/2"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R60AJ1	6"	1"	0.45	1-3/8"	1/2"	(1) BGAS	N/A	Moderate Contamination
	R60AJ2	6"	1"	0.45	1-3/8"	5/8"	(1) BGAS	N/A	Moderate Contamination
	R60AW1	6"	1"	0.17	1-3/8"	1/2"	(1) BGAS	N/A	Moderate Contamination



- A: Wheel Diameter
- B: Wheel Width
- C: Standoff Length
- D: Standoff Diameter
- E: Through Hole

BEARING INFORMATION

BGA - A 52MM (6205) bearing used in high speed applications

BGAS - A 52MM (6205) bearing used in low to moderate speed applications where high contamination is present

BGF - A 52MM collar-locking bearing used in low to moderate speed applications where moderate contamination is present (used only for 1" shaft mounts)

BGBS - A 40MM (6203) bearing used in low to moderate speed applications where high contamination is present

BGB - A 40MM (6203) bearing used in high speed applications

NB21 - A fixed bearing used in underwater applications

AUXILIARY SEAL INFORMATION

NRT - An auxiliary bearing seal that provides excellent protection in high contamination areas to greatly improve bearing life. The NRT seal has a low friction coefficient, providing low bearing drag.






ROLLERS - FLAT SERIES - RUBBER

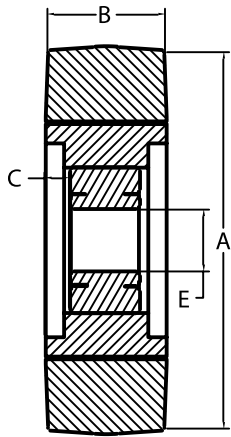
	PART NUMBER	WHEEL DIAMETER	WHEEL WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E			
	2075CA	2"	3/4"	0.05	5/8"	5/16"	(1) BGT	----	High Speed
	2555CD1	2-1/4"	2-1/2"	0.25	1"	1/2"	(2) BGB	----	High Speed
	2755CB2	2-3/4"	1"	-0.13	EXTENDED RACE	3/8", 1/2", 5/8"	(1) BGBH	----	High Speed
	27132CB2	2-3/4"	1-3/8"	0.87	15/16"	5/8"	(2) BGBS	----	High Speed
	2713CB2	2-3/4"	1-3/8"	-0.302	EXTENDED RACE	5/8"	(1) BGBH	----	High Speed
	2550BE3	3-1/2"	1-3/8"	.16 OR .09	1-1/8"	1/2", 5/8", 3/4"	(1) BGA	----	High Speed

ROLLERS – FLAT SERIES – RUBBER

	PART NUMBER	WHEEL DIAMETER	WHEEL WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E			
	RSBRR/BRG	3-1/2"	1-3/8"	----	----	----	(1) BGAS	(2) NRT	High Contamination
	RSBRRL1	3-1/2"	1-3/8"	0.958	1-1/2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	RSBRRL2	3-1/2"	1-3/8"	0.958	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	RSBRRW1	3-1/2"	1-3/8"	0.05	1-3/8"	1/2"	(1) BGAS	(2) NRT	High Contamination
	RSBRRW2	3-1/2"	1-3/8"	0.05	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	RSBRRW3	3-1/2"	1-3/8"	0.05	1-3/8"	3/4"	(1) BGAS	(2) NRT	High Contamination
	RSBRRX1	3-1/2"	1-3/8"	1.84	2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	RSBRRX2	3-1/2"	1-3/8"	1.84	2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	RSBRRY2	3-1/2"	1-3/8"	1.91	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	RBRR/BRG	3-1/2"	2-1/8"	----	----	----	(2) BGAS	(2) NRT	High Contamination
	RBRR-1	3-1/2"	2-1/8"	----	----	1" Shaft Mount	(2) BGF	----	Moderate Contamination
	RBRRB2	3-1/2"	2-1/8"	0.06	1-1/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	RBRRP2	3-1/2"	2-1/8"	0.31	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	RBRRR2	3-1/2"	2-1/8"	0.31	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	RBRRU1	3-1/2"	2-1/8"	0.31	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	RBRRU2	3-1/2"	2-1/8"	0.31	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
Steel/Rubber Body	2500BD3	3-1/2"	2-1/8"	0.12	1-1/8"	1/2", 5/8", 3/4"	(2) BGA	----	High Speed
	RBRRLABG2	3-1/2"	4-1/8"	0.116	1-1/8"	5/8"	(2) BGAS	----	Moderate Contamination
	RBRRLABG3	3-1/2"	4-1/8"	0.116	1-1/8"	3/4"	(2) BGAS	----	Moderate Contamination
	RBRRLABG3/BGA	3-1/2"	4-1/8"	0.116	1-1/8"	3/4"	(2) BGA	----	High Speed
	R40BRRBD2	4"	2-1/8"	0.328	1-1/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R40BRRM1	4"	2-1/8"	1.22	2"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R40BRRNB21	4"	2-1/8"	0.31	1-1/2"	5/8"	(1) NB21	----	Under Water
	R40BRRP2	4"	2-1/8"	0.31	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R40BRRR2	4"	2-1/8"	0.31	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R40BRRU1	4"	2-1/8"	0.31	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R40BRRU2	4"	2-1/8"	0.31	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R40BRRU3	4"	2-1/8"	0.31	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R45BRR/BRG	4-1/2"	2-1/8"	----	----	----	(2) BGAS	(2) NRT	High Contamination
	R45BRRR2	4-1/2"	2-1/8"	0.31	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R45BRRR3	4-1/2"	2-1/8"	0.31	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R45BRRU2	4-1/2"	2-1/8"	0.31	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R45BRRU3	4-1/2"	2-1/8"	0.31	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R45BRRUA35	4-1/2"	2-1/8"	1.47	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R5RR/BRG	5"	1-1/2"	----	----	----	(1) BGAS	(2) NRT	High Contamination
	R5RR-1	5"	1-1/2"	----	----	1" Shaft Mount	(1) BGF	----	Moderate Contamination
	R5RRAGB2	5"	1-1/2"	3.107	3"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R5RRB1	5"	1-1/2"	-0.123	1-1/8"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R5RRB2	5"	1-1/2"	-0.123	1-1/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R5RRB3	5"	1-1/2"	-0.123	1-1/8"	3/4"	(1) BGAS	(2) NRT	High Contamination
	R5RRD2	5"	1-1/2"	2.807	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R5RRI2	5"	1-1/2"	2.127	1-1/8"	5/8"	(1) BGAS	(2) NRT	High Contamination

ROLLERS – FLAT SERIES – RUBBER

	PART NUMBER	WHEEL DIAMETER	WHEEL WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E			
	R5RRJ3	5"	1-1/2"	2.127	1-1/8"	3/4"	(1) BGAS	(2) NRT	High Contamination
	R5RRJ2	5"	1-1/2"	0.227	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R5RRL2	5"	1-1/2"	0.855	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R5RRL3	5"	1-1/2"	0.855	1-1/2"	3/4"	(1) BGAS	(2) NRT	High Contamination
	R5RRO2	5"	1-1/2"	1.109	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R5RRQ2	5"	1-1/2"	-0.153	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R5RRQ3	5"	1-1/2"	-0.153	1-3/8"	3/4"	(1) BGAS	(2) NRT	High Contamination
	R5RRW2	5"	1-1/2"	-0.053	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R5RRY1	5"	1-1/2"	1.807	1-1/2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R5RRY2	5"	1-1/2"	1.807	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R6RR/BRG	6"	1-1/2"	----	----	----	(1) BGAS	(2) NRT	High Contamination
	R6RRB1	6"	1-1/2"	-0.123	1-1/8"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R6RRB2	6"	1-1/2"	-0.123	1-1/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R6RRD2	6"	1-1/2"	2.807	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R6RRI1	6"	1-1/2"	2.127	1-1/8"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R6RRI2	6"	1-1/2"	2.127	1-1/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R6RRJ2	6"	1-1/2"	0.227	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R6RRL2	6"	1-1/2"	0.855	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R6RRO1	6"	1-1/2"	1.109	1-1/2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R6RRO2	6"	1-1/2"	1.109	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R6RRQ2	6"	1-1/2"	-0.153	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R6RRW2	6"	1-1/2"	-0.053	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R6RRY2	6"	1-1/2"	1.807	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
		R6517RAHH2	6-9/16"	1-7/8"	3.282	3"	5/8"	(2) BGAS	(2) NRT
	R652RA-1	6-9/16"	2-1/4"	----	----	1" Shaft Mount	(2) BGF	----	Moderate Contamination
	R652RAH2	6-9/16"	2-1/4"	2.967	3"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R652RAR2	6-9/16"	2-1/4"	0.352	2"	5/8"	(2) BGAS	----	Moderate Contamination
	R652RR1	6-9/16"	2-1/4"	0.352	2"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R652RR2	6-9/16"	2-1/4"	0.352	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R652RR3	6-9/16"	2-1/4"	0.352	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
	2973/BRG	7-3/16"	1-1/2"	----	----	----	(1) BGAS	(2) NRT	High Contamination
	2973B2	7-3/16"	1-1/2"	-0.16	1-1/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	2973B3	7-3/16"	1-1/2"	-0.16	1-1/8"	3/4"	(1) BGAS	(2) NRT	High Contamination
	2973BE3	7-3/16"	1-1/2"	0.035	1-1/8"	3/4"	(1) BGAS	(2) NRT	High Contamination
	2973L2	7-3/16"	1-1/2"	0.825	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	2973Y2	7-3/16"	1-1/2"	1.777	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination



- A: Wheel Diameter
- B: Wheel Width
- C: Standoff Length
- D: Standoff Diameter
- E: Through Hole



BEARING INFORMATION

- BCA - A 52MM (6205) bearing used in high speed applications
- BGAS - A 52MM (6205) bearing used in low to moderate speed applications where high contamination is present
- BGF - A 52MM collar-locking bearing used in low to moderate speed applications where moderate contamination is present (used only for 1" shaft mounts)
- BCBS - A 40MM (6203) bearing used in low to moderate speed applications where high contamination is present
- BGB - A 40MM (6203) bearing used in high speed applications
- NB21 - A fixed bearing used in underwater applications

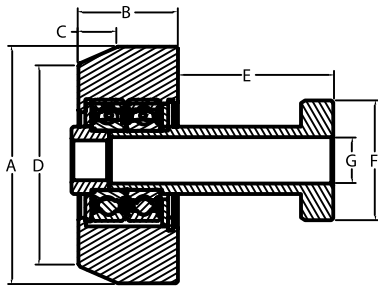
AUXILIARY SEAL INFORMATION

NRT - An auxiliary bearing seal that provides excellent protection in high contamination areas to greatly improve bearing life. The NRT seal has a low friction coefficient, providing low bearing drag.

ROLLERS - URETHANE

	PART NUMBER	WHEEL DIAMETER	WHEEL WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E			
 Urethane Body	2945G	4"	1-1/4"	-0.255	----	5/8"	N/A	----	Moderate Contamination
 Urethane Body	2955G	5"	1-1/4"	-0.255	----	5/8"	N/A	----	Moderate Contamination

Notes



- A: Wheel Diameter
- B: Wheel Width
- C: Taper Length
- D: Taper Diameter
- E: Standoff Length
- F: Standoff Diameter
- G: Through Hole

BEARING INFORMATION

BGA - A 52MM (6205) bearing used in high speed applications

BGAS - A 52MM (6205) bearing used in low to moderate speed applications where high contamination is present

BGF - A 52MM collar-locking bearing used in low to moderate speed applications where moderate contamination is present (used only for 1" shaft mounts)

BGBS - A 40MM (6203) bearing used in low to moderate speed applications where high contamination is present



BGB - A 40MM (6203) bearing used in high speed applications

NB21 - A fixed bearing used in underwater applications




AUXILIARY SEAL INFORMATION

NRT - An auxiliary bearing seal that provides excellent protection in high contamination areas to greatly improve bearing life. The NRT seal has a low friction coefficient, providing low bearing drag.

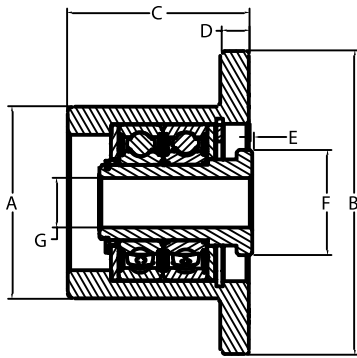
ROLLERS - TAPERED EDGE SERIES - STEEL

	PART NUMBER	WHEEL DIAMETER	WHEEL WIDTH	TAPER LENGTH	TAPER DIAMETER	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E	F	G	H		
 Hardened Steel Body	R27A/BRG	2-3/4"	1-1/2"	1/2"	2-1/8"	----	----	----	(2) BGAS	----	Moderate Contamination
	R27AAD2	2-3/4"	1-1/2"	1/2"	2-1/8"	3.1	1-1/2"	5/8"	(2) BGAS	----	Moderate Contamination
	R27AB1	2-3/4"	1-1/2"	1/2"	2-1/8"	0.16	1-1/8"	1/2"	(2) BGAS	----	Moderate Contamination
	R27AB2	2-3/4"	1-1/2"	1/2"	2-1/8"	0.16	1-1/8"	5/8"	(2) BGAS	----	Moderate Contamination
	R27ALLB1	2-3/4"	1-1/2"	1/2"	2-1/8"	0.83	1-1/2"	1/2"	(2) BGAS	----	Moderate Contamination
	R27AU2	2-3/4"	1-1/2"	1/2"	2-1/8"	0.41	1-3/8"	5/8"	(2) BGAS	----	Moderate Contamination
	R27AUA2	2-3/4"	1-1/2"	1/2"	2-1/8"	1.57	1-3/8"	5/8"	(2) BGAS	----	Moderate Contamination
 Carbon Steel Body	R37A/BRG	3-1/2"	1-1/2"	1/2"	2-7/8"	----	----	----	(2) BGAS	----	Moderate Contamination
	R37AAD2	3-1/2"	1-1/2"	1/2"	2-7/8"	3.1	1-1/2"	5/8"	(2) BGAS	----	Moderate Contamination
	R37AB2	3-1/2"	1-1/2"	1/2"	2-7/8"	0.16	1-1/8"	5/8"	(2) BGAS	----	Moderate Contamination
	R37ABD1	3-1/2"	1-1/2"	1/2"	2-7/8"	0.428	1-1/8"	1/2"	(2) BGAS	----	Moderate Contamination
	R37AU1	3-1/2"	1-1/2"	1/2"	2-7/8"	0.41	1-3/8"	1/2"	(2) BGAS	----	Moderate Contamination
	R37AU2	3-1/2"	1-1/2"	1/2"	2-7/8"	0.41	1-3/8"	5/8"	(2) BGAS	----	Moderate Contamination
	R37AUA1	3-1/2"	1-1/2"	1/2"	2-7/8"	1.57	1-3/8"	1/2"	(2) BGAS	----	Moderate Contamination
	R37AUAB1	3-1/2"	1-1/2"	1/2"	2-7/8"	1.57	1-1/2"	1/2"	(2) BGAS	----	Moderate Contamination
	R37AUAB2	3-1/2"	1-1/2"	1/2"	2-7/8"	1.57	1-1/2"	1/2"	(2) BGAS	----	Moderate Contamination

ROLLERS – TAPERED EDGE SERIES – STEEL

	PART NUMBER	WHEEL DIAMETER	WHEEL WIDTH	TAPER LENGTH	TAPER DIAMETER	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E	F	G	H		
Carbon Steel Body 	R37AU1	3-1/2"	1-1/2"	1/2"	2-7/8"	0.41	1-3/8"	1/2"	(2) BGAS	----	Moderate Contamination
	R37AU2	3-1/2"	1-1/2"	1/2"	2-7/8"	0.41	1-3/8"	5/8"	(2) BGAS	----	Moderate Contamination
	R37AUA1	3-1/2"	1-1/2"	1/2"	2-7/8"	1.57	1-3/8"	1/2"	(2) BGAS	----	Moderate Contamination
	R37AUAB1	3-1/2"	1-1/2"	1/2"	2-7/8"	1.57	1-1/2"	1/2"	(2) BGAS	----	Moderate Contamination
	R37AUAB2	3-1/2"	1-1/2"	1/2"	2-7/8"	1.57	1-1/2"	1/2"	(2) BGAS	----	Moderate Contamination
Carbon Steel Body 	R5BRS2	3-1/2"	3"	9/16"	2-1/2"	0.05	2"	5/8"	(2)BGAS	(1) NRT (1) DC150	High Contamination
Hardened Steel Body 	R39H/BRG	4"	1-5/8"	5/8"	3-3/8"	----	----	----	(2) BGAS	(2) NRT	High Contamination
	R39HADD2	4"	1-5/8"	5/8"	3-3/8"	2.942	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R39HAUB2	4"	1-5/8"	5/8"	3-3/8"	1.487	1-1/2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R39HB2	4"	1-5/8"	5/8"	3-3/8"	0.077	1-1/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R39HB3	4"	1-5/8"	5/8"	3-3/8"	0.077	1-1/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R39HGGB2	4"	1-5/8"	5/8"	3-3/8"	2.6	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R39HGGB3	4"	1-5/8"	5/8"	3-3/8"	2.6	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R39HLLB2	4"	1-5/8"	5/8"	3-3/8"	0.747	1-1/2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R39HR3	4"	1-5/8"	5/8"	3-3/8"	0.327	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R39HU2	4"	1-5/8"	5/8"	3-3/8"	0.327	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R39HU3	4"	1-5/8"	5/8"	3-3/8"	0.327	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R39HUAB2	4"	1-5/8"	5/8"	3-3/8"	1.487	1-1/2"	5/8"	(2) BGAS	(2) NRT	High Contamination

Notes



- A: Wheel Diameter
- B: Flange Diameter
- C: Total Width
- D: Flange Width
- E: Standoff Length
- F: Standoff Diameter
- G: Through Hole






BEARING INFORMATION

- BGA - A 52MM (6205) bearing used in high speed applications
- BGAS - A 52MM (6205) bearing used in low to moderate speed applications where high contamination is present
- BGF - A 52MM collar-locking bearing used in low to moderate speed applications where moderate contamination is present (used only for 1" shaft mounts)
- BCBS - A 40MM (6203) bearing used in low to moderate speed applications where high contamination is present
- BGB - A 40MM (6203) bearing used in high speed applications
- NB21 - A fixed bearing used in underwater applications





AUXILIARY SEAL INFORMATION

NRT - An auxiliary bearing seal that provides excellent protection in high contamination areas to greatly improve bearing life. The NRT seal has a low friction coefficient, providing low bearing drag.

ROLLERS - FLANGED SERIES - STEEL

	PART NUMBER	WHEEL DIAMETER	FLANGE DIAMETER	TOTAL WIDTH	FLANGE WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E	F	G	H		
 Carbon Steel Body	R4FBRSP2	2-1/2"	4"	2-3/8"	3/8"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R4FBRSU1	2-1/2"	4"	2-3/8"	3/8"	0.06	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R4FBRSU2	2-1/2"	4"	2-3/8"	3/8"	0.06	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
 Carbon Steel Body	R4FBRSLU1	2-1/2"	4"	4-3/8"	3/8"	0.06	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R4FBRSLU2	2-1/2"	4"	4-3/8"	3/8"	0.06	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R4FBRSLU3	2-1/2"	4"	4-3/8"	3/8"	0.06	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
 Carbon Steel Body	R5F25BRSP2	2-1/2"	5"	2-3/8"	3/8"	0.06	2"	5/8"	(2) BGAS	(2) NRT	Scraper Option
	R5F25BRSU1	2-1/2"	5"	2-3/8"	3/8"	0.06	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R5F25BRSU2	2-1/2"	5"	2-3/8"	3/8"	0.06	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
 Carbon Steel Body	R6FBRSP2	3-1/2"	6"	2-3/8"	1/4"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R6FBRSR2	3-1/2"	6"	2-3/8"	1/4"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R6FBRSU2	3-1/2"	6"	2-3/8"	1/4"	0.06	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R6FBRSU3	3-1/2"	6"	2-3/8"	1/4"	0.06	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
 Carbon Steel Body	R5FBRSP2	3-1/2"	5"	2-3/8"	1/4"	0.06	2"	5/8"	(2) BGAS	(2) NRT	Scraper Option
	R5FBRSR2	3-1/2"	5"	2-3/8"	1/4"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R5FBRSU1	3-1/2"	5"	2-3/8"	1/4"	0.06	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination

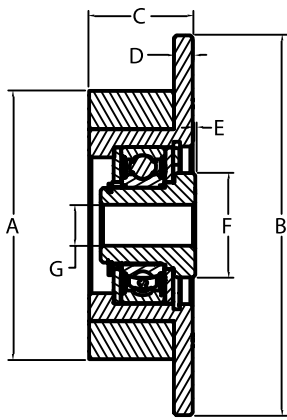
ROLLERS – FLANGED SERIES – STEEL

	PART NUMBER	WHEEL DIAMETER	FLANGE DIAMETER	TOTAL WIDTH	FLANGE WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E	F	G	H		
Carbon Steel Body 	R5FBRSU2	3-1/2"	5"	2-3/8"	1/4"	0.06	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R5FBRSU3	3-1/2"	5"	2-3/8"	1/4"	0.06	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R5FBRSNB21	3-1/2"	5"	2-3/8"	1/4"	0.06	1-1/2"	5/8"	(1) NB21	----	Under Water
	R5FBRS/BRG	3-1/2"	5"	2-3/8"	1/4"	----	----	----	(2) BGAS	(2) NRT	High Contamination
Carbon Steel Body 	R5SFBR/BRG	3-1/2"	5"	1-3/8"	1/4"	----	1-1/8"	----	(1) BGAS	(2) NRT	High Contamination
	R5SFBR-1	3-1/2"	5"	1-3/8"	1/4"	----	----	1" Shaft Mount	(1) BGF	----	Moderate Contamination
	R5SFBRW1	3-1/2"	5"	1-3/8"	1/4"	0.053	1-3/8"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R5SFBRW2	3-1/2"	5"	1-3/8"	1/4"	0.053	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
Carbon Steel Body 	R16L1	3-3/8"	4"	1-1/4"	1/4"	0.961	1-1/2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R16L2	3-3/8"	4"	1-1/4"	1/4"	0.961	1-1/2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R16W1	3-3/8"	4"	1-1/4"	1/4"	0.053	1-3/8"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R16W2	3-3/8"	4"	1-1/4"	1/4"	0.053	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R16W3	3-3/8"	4"	1-1/4"	1/4"	0.053	1-3/8"	3/4"	(1) BGAS	(2) NRT	High Contamination
	R16Y1	3-3/8"	4"	1-1/4"	1/4"	1.913	1-1/2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R16Y2	3-3/8"	4"	1-1/4"	1/4"	1.913	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R16/BRG	3-3/8"	4"	1-1/4"	1/4"	----	----	----	(1) BGAS	(2) NRT	High Contamination
Hardened Steel Body 	R15HI1	3-3/8"	4-1/2"	1-1/4"	1/4"	0.961	1-1/8"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R15HI2	3-3/8"	4-1/2"	1-1/4"	1/4"	0.961	1-1/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R15HJ1	3-3/8"	4-1/2"	1-1/4"	1/4"	0.333	1-3/8"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R15HJ2	3-3/8"	4-1/2"	1-1/4"	1/4"	0.333	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R15HL1	3-3/8"	4-1/2"	1-1/4"	1/4"	0.961	1-1/2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R15HL2	3-3/8"	4-1/2"	1-1/4"	1/4"	0.961	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R15HN1	3-3/8"	4-1/2"	1-1/4"	1/4"	1.527	1-1/2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R15HN2	3-3/8"	4-1/2"	1-1/4"	1/4"	1.527	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R15HO1	3-3/8"	4-1/2"	1-1/4"	1/4"	1.215	1-1/2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R15HO2	3-3/8"	4-1/2"	1-1/4"	1/4"	1.215	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R15HW1	3-3/8"	4-1/2"	1-1/4"	1/4"	0.053	1-3/8"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R15HW2	3-3/8"	4-1/2"	1-1/4"	1/4"	0.053	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R15HY1	3-3/8"	4-1/2"	1-1/4"	1/4"	1.913	1-1/2"	1/2"	(1) BGAS	(2) NRT	High Contamination

ROLLERS – FLANGED SERIES – STEEL

	PART NUMBER	WHEEL DIAMETER	FLANGE DIAMETER	TOTAL WIDTH	FLANGE WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E	F	G	H		
Hardened Steel Body 	R15HY2	3-3/8"	4-1/2"	1-1/4"	1/4"	1.913	1-1/2"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R15HX1	3-3/8"	4-1/2"	1-1/4"	1/4"	1.843	2"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R15HX2	3-3/8"	4-1/2"	1-1/4"	1/4"	1.843	2"	5/8"	(1) BGAS	(2) NRT	High Contamination
Carbon Steel Body 	R14A/BRG	4"	6-1/2"	1-5/16"	3/8"	----	----	----	(1) BGAS	----	Moderate Contamination
	R14AW1	4"	6-1/2"	1-5/16"	3/8"	0.053	1-3/8"	1/2"	(1) BGAS	----	Moderate Contamination
	R14AW2	4"	6-1/2"	1-5/16"	3/8"	0.053	1-3/8"	5/8"	(1) BGAS	----	Moderate Contamination
	R14AW3	4"	6-1/2"	1-5/16"	3/8"	0.053	1-3/8"	3/4"	(1) BGAS	----	Moderate Contamination
Hardened Steel Body 	R32NAHR2	4"	5"	2-1/4"	7/16"	0.06	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
Carbon Steel Body 	R25DNP2	6-9/16"	9-1/2"	2-1/2"	5/16"	0.08	2"	5/8"	(2) BGAS	(2) NRT	Scraper Option
	R25DNR1	6-9/16"	9-1/2"	2-1/2"	5/16"	0.08	2"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R25DNR-1	6-9/16"	9-1/2"	2-1/2"	5/16"	----	----	1" Shaft Mount	(2) BGAS	(2) NRT	High Contamination
	R25DNR2	6-9/16"	9-1/2"	2-1/2"	5/16"	0.08	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R25DNR3	6-9/16"	9-1/2"	2-1/2"	5/16"	0.08	2"	3/4"	(2) BGAS	(2) NRT	High Contamination

Notes



- A: Wheel Diameter
- B: Flange Diameter
- C: Total Width
- D: Flange Width
- E: Standoff Length
- F: Standoff Diameter
- G: Through Hole

BEARING INFORMATION

BGA - A 52MM (6205) bearing used in high speed applications

BGAS - A 52MM (6205) bearing used in low to moderate speed applications where high contamination is present

BGF - A 52MM collar-locking bearing used in low to moderate speed applications where moderate contamination is present (used only for 1" shaft mounts)

BGBS - A 40MM (6203) bearing used in low to moderate speed applications where high contamination is present



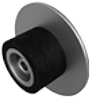
BGB - A 40MM (6203) bearing used in high speed applications

NB21 - A fixed bearing used in underwater applications

AUXILIARY SEAL INFORMATION

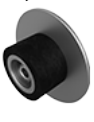




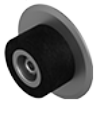

NRT - An auxiliary bearing seal that provides excellent protection in high contamination areas to greatly improve bearing life. The NRT seal has a low friction coefficient, providing low bearing drag.

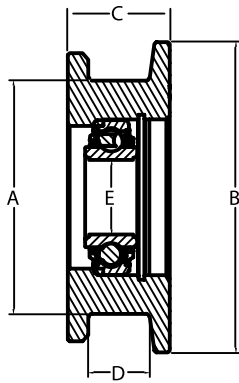
ROLLERS - FLANGED SERIES - RUBBER

	PART NUMBER	WHEEL DIAMETER	FLANGE DIAMETER	TOTAL WIDTH	FLANGE WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E	F	G	H		
 Cast/Rubber Body	R5SFBRRC/BRG	3-1/2"	5"	1-3/8"	1/4"	----	----	----	(1) BGAS	(2) NRT	High Contamination
	R5SFBRRCNB11	3-1/2"	5"	1-3/8"	1/4"	0.232	1-1/2"	5/8"	(1) NB11	----	Under Water
	R5SFBRRCW1	3-1/2"	5"	1-3/8"	1/4"	0.052	1-3/8"	1/2"	(1) BGAS	(2) NRT	High Contamination
	R5SFBRRCW2	3-1/2"	5"	1-3/8"	1/4"	0.052	1-3/8"	5/8"	(1) BGAS	(2) NRT	High Contamination
	R5SFBRRCW3	3-1/2"	5"	1-3/8"	1/4"	0.052	1-3/8"	3/4"	(1) BGAS	(2) NRT	High Contamination
 Cast/Rubber Body	R5FBRRC-1	3-1/2"	5"	2-3/8"	1/4"	----	----	1" Shaft Mount	(2) BGF	----	Moderate Contamination
	R5FBRRCNB21	3-1/2"	5"	2-3/8"	1/4"	0.062	1-1/2"	5/8"	(1) NB21	----	Under Water
	R5FBRRCP2	3-1/2"	5"	2-3/8"	1/4"	0.062	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R5FBRRCU1	3-1/2"	5"	2-3/8"	1/4"	0.062	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R5FBRRCU2	3-1/2"	5"	2-3/8"	1/4"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R5FBRRCU3	3-1/2"	5"	2-3/8"	1/4"	0.062	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
 Steel/Rubber Body	R6FBRR/BRG	3-1/2"	6-1/2"	2-3/8"	1/4"	----	----	----	(2) BGAS	(2) NRT	High Contamination
	R6FBRRNB21	3-1/2"	6-1/2"	2-3/8"	1/4"	0.062	1-1/2"	5/8"	(1) NB21	----	Under Water
	R6FBRRP2	3-1/2"	6-1/2"	2-3/8"	1/4"	0.062	2"	5/8"	(2) BGAS	(2) NRT	High Contamination

FLANGED SERIES - RUBBER

ROLLERS – FLANGED SERIES – RUBBER

	PART NUMBER	WHEEL DIAMETER	FLANGE DIAMETER	TOTAL WIDTH	FLANGE WIDTH	STANDOFF LENGTH	STANDOFF DIAMETER	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E	F	G	H		
 Steel/Rubber Body	R6FBRRU1	3-1/2"	6-1/2"	2-3/8"	1/4"	0.062	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R6FBRRU2	3-1/2"	6-1/2"	2-3/8"	1/4"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R6FBRRU3	3-1/2"	6-1/2"	2-3/8"	1/4"	0.062	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
 Steel/Rubber Body	R6FBRRU2	3-1/2"	6-1/2"	4-3/8"	1/4"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
 Steel/Rubber Body	R8FBRR/BRG	3-1/2"	7-7/8"	2-3/8"	1/4"	----	----	----	(2) BGAS	(2) NRT	High Contamination
	R8FBRR2	3-1/2"	7-7/8"	2-3/8"	1/4"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R8FBRRP2	3-1/2"	7-7/8"	2-3/8"	1/4"	0.062	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R8FBRRU1	3-1/2"	7-7/8"	2-3/8"	1/4"	0.062	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R8FBRRU2	3-1/2"	7-7/8"	2-3/8"	1/4"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
 Steel/Rubber Body	R8FBRRNB21	3-1/2"	7-7/8"	4-3/8"	1/4"	0.062	1-1/2"	5/8"	(1) NB21	----	Under Water
	R8FBRRU1	3-1/2"	7-7/8"	4-3/8"	1/4"	0.062	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R8FBRRU2	3-1/2"	7-7/8"	4-3/8"	1/4"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
 Cast/Rubber Body	R5F4BRRC2	4"	5"	2-3/8"	1/4"	0.062	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R5F4BRRCNB21	4"	5"	2-3/8"	1/4"	0.062	1-1/2"	5/8"	(1) NB21	----	Under Water
	R5F4BRRCU1	4"	5"	2-3/8"	1/4"	0.062	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R5F4BRRCU2	4"	5"	2-3/8"	1/4"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R5F4BRRCU3	4"	5"	2-3/8"	1/4"	0.062	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
 Steel/Rubber Body	R6F4BRRN21	4"	6-1/2"	2-3/8"	1/4"	0.062	1-1/2"	5/8"	(1) NB21	----	Under Water
	R6F4BRRP2	4"	6-1/2"	2-3/8"	1/4"	0.062	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R6F4BRRU1	4"	6-1/2"	2-3/8"	1/4"	0.062	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R6F4BRRU2	4"	6-1/2"	2-3/8"	1/4"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R6F4BRRU3	4"	6-1/2"	2-3/8"	1/4"	0.062	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
 Steel/Rubber Body	R8F4BRRP2	4"	7-7/8"	2-3/8"	1/4"	0.062	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R8F4BRRU2	4"	7-7/8"	2-3/8"	1/4"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination



- A: Wheel Diameter
- B: Flange Diameter
- C: Total Width
- D: Flange Width
- E: Standoff Length
- F: Standoff Diameter
- G: Through Hole

BEARING INFORMATION

BGA - A 52MM (6205) bearing used in high speed applications

BGAS - A 52MM (6205) bearing used in low to moderate speed applications where high contamination is present

BGF - A 52MM collar-locking bearing used in low to moderate speed applications where moderate contamination is present (used only for 1" shaft mounts)

BGBS - A 40MM (6203) bearing used in low to moderate speed applications where high contamination is present






BGB - A 40MM (6203) bearing used in high speed applications

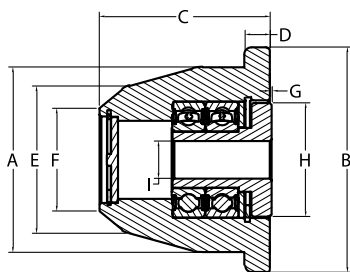
NB21 - A fixed bearing used in underwater applications

AUXILIARY SEAL INFORMATION

NRT - An auxiliary bearing seal that provides excellent protection in high contamination areas to greatly improve bearing life. The NRT seal has a low friction coefficient, providing low bearing drag.

ROLLERS - DOUBLE FLANGED SERIES - STEEL

	PART NUMBER	WHEEL DIAMETER	FLANGE DIAMETER	WHEEL WIDTH	BETWEEN FLANGES	THROUGH HOLE	BEARING	APPLICATION
		A	B	C	D	E	F	
 Hardened Steel Body	HP574ASSY	4-1/4"	5-1/4" & 5-5/8"	1-7/8"	1-1/8"	35MM (BRG)	(1) BGLP	LOW RPM/HIGH LOAD
 Hardened Steel Body	HP575ASSY	4-1/4"	5-3/8"	1-7/8"	1-1/8"	35MM (BRG)	(1) BGLP	LOW RPM/HIGH LOAD
 Hardened Steel Body	HP576ASSY	4-1/2"	5-5/8" & 5-7/8"	1-7/8"	1-1/8"	35MM (BRG)	(1) BGLP	LOW RPM/HIGH LOAD
 Hardened Steel Body	HP577ASSY	5-3/4"	6-3/4"	2"	1-1/8"	35MM (BRG)	(1) BGLP	LOW RPM/HIGH LOAD
 Hardened Steel Body	HP578ASSY	5-3/4"	6-3/4" & 7"	2"	1-1/8"	35MM (BRG)	(1) BGLP	LOW RPM/HIGH LOAD



- A: Wheel Diameter
- B: Flange Diameter
- C: Total Width
- D: Flange Width
- E: Taper (1) Diameter
- F: Taper (2) Diameter
- G: Standoff Length
- H: Standoff Diameter
- I: Through Hole

BEARING INFORMATION

BGA - A 52MM (6205) bearing used in high speed applications

BGAS - A 52MM (6205) bearing used in low to moderate speed applications where high contamination is present

BGF - A 52MM collar-locking bearing used in low to moderate speed applications where moderate contamination is present (used only for 1" shaft mounts)

BGBS - A 40MM (6203) bearing used in low to moderate speed applications where high contamination is present







BGB - A 40MM (6203) bearing used in high speed applications

NB21 - A fixed bearing used in underwater applications








AUXILIARY SEAL INFORMATION

NRT - An auxiliary bearing seal that provides excellent protection in high contamination areas to greatly improve bearing life. The NRT seal has a low friction coefficient, providing low bearing drag.

ROLLERS - CONE

	PART NUMBER	WHEEL DIA	FLANGE DIA	TOTAL WIDTH	FLANGE WIDTH	TAPER (1) DIA	TAPER (2) DIA	STANDOFF LENGTH	STANDOFF DIA	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E	F	G	H	I			
	R25CNS2	3-1/2"	4-3/4"	3"	5/8"	3-1/4"	1-13/16"	0.05	2"	5/8"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25SNRS1	3-1/2"	4-3/4"	3"	3/8"	----	1-13/16"	0.05	2"	1/2"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25SNRS2	3-1/2"	4-3/4"	3"	3/8"	----	1-13/16"	0.05	2"	5/8"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25SNS1	3-1/2"	4-3/4"	3"	5/8"	----	1-13/16"	0.05	2"	1/2"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25SNS2	3-1/2"	4-3/4"	3"	5/8"	----	1-13/16"	0.05	2"	5/8"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25SNS3	3-1/2"	4-3/4"	3"	5/8"	----	1-13/16"	0.05	2"	3/4"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25TNS1	3-1/2"	4"	3"	5/8"	----	1-13/16"	0.05	2"	1/2"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25TNS2	3-1/2"	4"	3"	5/8"	----	1-13/16"	0.05	2"	5/8"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25TXNS1	3-1/2"	7-15/16"	3"	5/8"	----	1-13/16"	0.05	2"	1/2"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25TXNS2	3-1/2"	7-15/16"	3"	5/8"	----	1-13/16"	0.05	2"	5/8"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R5FBRS1	3-1/2"	5"	3"	3/8"	----	2-1/2"	0.05	2"	1/2"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R5FBRS2	3-1/2"	5"	3"	3/8"	----	2-1/2"	0.05	2"	5/8"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R5FBRS3	3-1/2"	5"	3"	3/8"	----	2-1/2"	0.05	2"	3/4"	(2) BGAS	(1)NRT (1)DC150	High Contamination

ROLLERS – CONE

	PART NUMBER	WHEEL DIA	FLANGE DIA	TOTAL WIDTH	FLANGE WIDTH	TAPER (1) DIA	TAPER (2) DIA	STANDOFF LENGTH	STANDOFF DIA	THROUGH HOLE	BEARING	AUXILIARY SEAL	APPLICATION
		A	B	C	D	E	F	G	H	I			
	R5FSHU1	3-1/2"	5"	2-3/8"	1/4"	----	3"	0.062	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R5FSHU2	3-1/2"	5"	2-3/8"	1/4"	----	3"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R5FSHU3	3-1/2"	5"	2-3/8"	1/4"	----	3"	0.062	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R25NS1	3-1/4"	4"	3"	1/2"	2-9/16"	1-13/16"	0.05	2"	1/2"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25NS2	3-1/4"	4"	3"	1/2"	2-9/16"	1-13/16"	0.05	2"	5/8"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25NS3	3-1/4"	4"	3"	1/2"	2-9/16"	1-13/16"	0.05	2"	3/4"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25WNS1	3-1/4"	4"	3"	1/2"	2-1/2"	1-13/16"	0.05	2"	1/2"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R25WNS2	3-1/4"	4"	3"	1/2"	2-1/2"	1-13/16"	0.05	2"	5/8"	(2) BGAS	(1)NRT (1)DC150	High Contamination
	R383R2	3-3/4"	6-1/2"	2-1/2"	3/8"	----	2-1/8"	0.062	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R383R3	3-3/4"	6-1/2"	2-1/2"	3/8"	----	2-1/8"	0.062	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R383U1	3-3/4"	6-1/2"	2-1/2"	3/8"	----	2-1/8"	0.062	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R383U2	3-3/4"	6-1/2"	2-1/2"	3/8"	----	2-1/8"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R5000R2	3-3/8"	5"	2-1/2"	5/16"	----	2-9/16"	0.062	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R5000U1	3-3/8"	5"	2-1/2"	5/16"	----	2-9/16"	0.062	1-3/8"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R5000U2	3-3/8"	5"	2-1/2"	5/16"	----	2-9/16"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R5000U3	3-3/8"	5"	2-1/2"	5/16"	----	2-9/16"	0.062	1-3/8"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R3876R1	4-1/2"	6"	3-1/8"	1/2"	----	2-13/16"	0.062	2"	1/2"	(2) BGAS	(2) NRT	High Contamination
	R3876R2	4-1/2"	6"	3-1/8"	1/2"	----	2-13/16"	0.062	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R3876R3	4-1/2"	6"	3-1/8"	1/2"	----	2-13/16"	0.062	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R3876U2	4-1/2"	6"	3-1/8"	1/2"	----	2-13/16"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R603R2	5"	6-1/2"	2-1/8"	3/8"	----	4-3/4"	0.062	2"	5/8"	(2) BGAS	(2) NRT	High Contamination
	R603R3	5"	6-1/2"	2-1/8"	3/8"	----	4-3/4"	0.062	2"	3/4"	(2) BGAS	(2) NRT	High Contamination
	R603U2	5"	6-1/2"	2-1/8"	3/8"	----	4-3/4"	0.062	1-3/8"	5/8"	(2) BGAS	(2) NRT	High Contamination



SPROCKETS

SPROCKETS



Sprockets

Agricultural Roller Chain	34
Belted Chain	36
Combination Chain	44
Engineering Class Chain	46
Hook Chain	48
Pintle Chain	51
T-Bar Chain	54
Double Pitch Roller Chain	55
Detachable Chain	56
High Profile Belted Chain	57



Black Ace Agricultural Roller Chain Sprockets are manufactured with the highest integrity. You will realize value, as these sprockets are flame-cut and machined with the highest precision available on the market.

ANSI Standard Torch Profiles - Engineered to promote the best life of your sprockets and chain.

STYLES AVAILABLE

- **A Type (no hub)** typically used in weld-on applications.
- **B Type (hub on one side)** used in applications where clearance width is narrow. Typically have two (2) setscrews on the hub to fasten the sprocket to shaft and keyway.
- **Split Style Construction** - Once you use a Split Sprocket, you may never want to use a setscrew mount style again. Removal or installation is a breeze. Can be used in virtually all applications. An additional benefit to Black Ace's split sprockets is that the shaft/keyway security is much tighter than a typical setscrew mount.
- **Split Style Narrow Width** - Enjoy the benefits of split style construction and keep the total sprocket width only slightly wider than the sprocket tooth thickness.
- **Hex Bore Split Style** - Used in equipment that uses hexagon shafts.
- **Idler Style** - Assembled with a long-lasting Black Ace Ball Bearing.

SPROCKETS - AGRICULTURAL ROLLER CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
550 CHAIN		
6	5506	3.98
7	5507	4.48
8	5508	4.98
9	5509	5.49
10	55010	6.00
11	55011	6.51
12	55012	7.02
13	55013	7.53
14	55014	8.05
15	55015	8.56
16	55016	9.08
17	55017	9.59
18	55018	10.11
19	55019	10.62
20	55020	11.14
555 CHAIN		
6	5556	3.94
7	5557	4.43
8	5558	4.94
9	5559	5.44
10	55510	5.95
11	55511	6.46
12	55512	6.97
13	55513	7.49
14	55514	8.00
15	55515	8.52

SPROCKETS - AGRICULTURAL ROLLER CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
555 CHAIN		
16	55516	9.03
17	55517	9.55
18	55518	10.06
19	55519	10.58
20	55520	11.10
557 CHAIN		
6	5576	3.98
7	5577	4.48
8	5578	4.98
9	5579	5.49
10	55710	6.00
11	55711	6.51
12	55712	7.02
13	55713	7.53
14	55714	8.05
15	55715	8.56
16	55716	9.08
17	55717	9.59
18	55718	10.11
19	55719	10.62
20	55720	11.14
620 CHAIN		
6	6206	4.02
7	6207	4.53
8	6208	5.04
9	6209	5.55
10	62010	6.07
11	62011	6.59
12	62012	7.11
13	62013	7.63
14	62014	8.15
15	62015	8.67
16	62016	9.19
17	62017	9.72
18	62018	10.24
19	62019	10.76
20	62020	11.29



Black Ace Belted Chain Sprockets are manufactured with the highest integrity. You will realize value, as these sprockets are flame-cut and machined with the highest precision available on the market.

Torch Profiles – Engineered to promote the best life for your sprockets and chain. Black Ace Steel Cut sprockets maintain better pitch accuracy and perpendicularity over cast iron. This means longer sprocket and chain life.

STYLES AVAILABLE

- **A Type (no hub)** typically used in weld-on applications.
- **Split Style Construction** – Once you use a Split Sprocket, you may never want to use a setscrew mount style again. Removal or installation is a breeze. Can be used in virtually all applications. An additional benefit to Black Ace's split sprockets is that the shaft/keyway security is much tighter than a typical setscrew mount.
- **Idler Style** – Assembled with a long-lasting Black Ace Ball Bearing.
- **Multiple Sprocket Thicknesses Available** – Standard sprocket thickness is 1", but some circumstances may require different thicknesses. Thicknesses are available from ½" to 2".
- **Heat Treat** – Hardening of sprockets is available as an option. Hardness on hardened sprockets ranges from 50-60 Rc.

SPROCKETS – BELTED CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
BELTED CHAIN 7/16" ROD		
28MM PITCH (1.102") 7/16" (11MM) ROD		
12	28M12	5.17
14	28M14	5.69
18	28M18	7.10
20	28M20	7.71
22	28M22	8.40
24	28M24	9.14
26	28M26	9.83
28	28M28	10.50
32MM PITCH (1.260") 7/16"(11MM) ROD		
8	32M8X	4.21
10	32M10	5.00
12	32M12	5.75
14	32M14	6.57
16	32M16	7.66
18	32M18	8.58
22	32M22	9.88
36MM PITCH (1.417") 7/16"(11MM) ROD		
8	36M8	4.66
10	36M10	5.35
11	36M11X	5.94
12	36M12	6.48
14	36M14	7.37
16	36M16	8.45
18	36M18	9.25
20	36M20	10.15
22	36M22	10.85
23	36M23X	11.29

SPROCKETS - BELTED CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
BELTED CHAIN 7/16" ROD		
40MM PITCH (1.574") 7/16"(11MM) ROD		
8	40M8	5.25
9	40M9X	5.56
10	40M10	6.06
12	40M12	7.32
12	40M12LTX	7.52
14	40M14	8.32
16	40M16	9.42
18	40M18	10.41
20	40M20	11.32
42MM PITCH (1.654") 7/16"(11MM) ROD		
8	42M8	5.57
9	42M9X	5.99
10	42M10	6.48
12	42M12	7.38
14	42M14	8.69
14	42M14LT	9.00
16	42M16	9.42
20	42M20	11.82
45MM PITCH (1.771") 7/16"(11MM) ROD		
8	45M8	5.75
8	45M8LT	6.06
9	45M9X	6.43
10	45M10	6.98
10	45M10LT	7.30
11	45M11X	7.45
12	45M12	8.10
14	45M14	9.22
16	45M16	10.33
18	45M18	11.53
20	45M20	12.56
22	45M22	13.65
50MM PITCH (1.969") 7/16"(11MM) ROD		
5	50M5X	4.40
6	50M6	5.02
8	50M8	6.29
10	50M10	7.62
11	50M11X	8.24
12	50M12	8.85
12	50M12LT	9.15
12	50M12ST	8.41
14	50M14	10.10
16	50M16	11.34
18	50M18	12.57
20	50M20	13.83

SPROCKETS - BELTED CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
BELTED CHAIN 7/16" ROD		
56MM PITCH (2.205") 7/16"(11MM) ROD		
6	56M6	5.556
7	56M7X	6.074
8	56M8	7.25
10	56M10	8.375
10	56M10LTX	9.1
12	56M12	9.75
14	56M14	11.236
60MM PITCH (2.362") 7/16"(11MM) ROD		
8	60M8	7.445
10	60M10	9.094
12	60M12	10.576
64MM PITCH (2.520") 7/16"(11MM) ROD		
8	64M8	8.03
9	64M9X	8.8482
10	64M10	9.5
66MM PITCH (2.598") 7/16"(11MM) ROD		
8	66M8	8.044
12	66M12	11.29
BELTED CHAIN 1/2" ROD		
28MM PITCH (1.102") 1/2"(12 & 13MM) ROD		
10	28M101	4.184
14	28M141	5.6521
16	28M161	6.4244
32MM PITCH (1.260") 1/2"(12 & 13MM) ROD		
12	32M121	5.734
14	32M141	6.508
16	32M161	7.4866
18	32M181	8.361
18	32M181X	8.361
22	32M221	9.666
22	32M221X	9.74
36MM PITCH (1.417") 1/2"(12 & 13MM) ROD		
10	36M101	5.588
12	36M121	6.4125
14	36M141	7.368
16	36M161	8.309
18	36M181	9.2875
40MM PITCH (1.574") 1/2"(12 & 13MM) ROD		
10	40M101	6.079
10	40M101X	5.997
12	40M121	7.2755
14	40M141	8.336
14	40M141X	8.336
16	40M161	9.25

SPROCKETS - BELTED CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
BELTED CHAIN 1/2" ROD		
42MM PITCH (1.654") 1/2"(12 & 13MM) ROD		
10	42M101	6.461
10	42M101X	6.411
12	42M121	7.313
14	42M141	8.687
16	42M161	9.7924
20	42M201	11.835
45MM PITCH (1.772") 1/2"(12 & 13MM) ROD		
8	45M81	5.6875
10	45M101	6.97
12	45M121	8.096
14	45M141	9.455
16	45M161	10.62
16	45M161STM	9.625
50MM PITCH (1.969") 1/2"(12 & 13MM) ROD		
8	50M81	6.231
8	50M81X	6.231
9	50M91MX	7.35
9	50M91X	7.03
10	50M101	7.704
10	50M101LTMX	8.125
10	50M101STX	7.2715
10	50M101X	7.75
12	50M121	8.98
12	50M121MX	8.98
12	50M121STX	8.48
12	50M121X	8.98
14	50M141	10.197
14	50M141X	10.197
16	50M161	11.376
56MM PITCH (2.205") 1/2"(12 & 13MM) ROD		
8	56M81	7.161
9	56M91MX	8.25
10	56M101	8.604
10	56M101LTMX	9
10	56M101LTX	9.007
10	56M101MX	8.5
10	56M101X	8.557
12	56M121	10.017
12	56M121LTX	10.391
12	56M121X	10.007
14	56M141	11.1
14	56M141LT	11.832

SPROCKETS - BELTED CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
BELTED CHAIN 1/2" ROD		
60MM PITCH (2.362") 1/2"(12 & 13MM) ROD		
8	60M81	7.382
10	60M101	9.0315
12	60M121	10.5135
16	60M161	13.101
64MM PITCH (2.362") 1/2"(12 & 13MM) ROD		
8	64M81	7.868
8	64M81LTMX	8.368
8	64M81MX	7.868
10	64M101	9.35
180MM PITCH (7.087") 1/2"(12 & 13MM) ROD		
6 EFFECTIVE, 12T	180M61	15.225
BELTED CHAIN 5/8" ROD		
32MM PITCH (1.260") 5/8"(15 & 16MM) ROD		
22	32M222	9.741
36MM PITCH (1.417") 5/8"(15 & 16MM) ROD		
20	36M202	10.204
40MM PITCH (1.575") 5/8"(15 & 16MM) ROD		
16	40M162	9.25
18	40M182	10.11
42MM PITCH (1.654") 5/8"(15 & 16MM) ROD		
14	42M142	8.639
45MM PITCH (1.772") 5/8"(15 & 16MM) ROD		
12	45M122	8.094
14	45M142	9.415
50MM PITCH (1.969") 5/8"(15 & 16MM) ROD		
8	50M82	6.106
8	50M82X	6.106
9	50M92X	6.7472
10	50M102X	7.507
12	50M122	8.855
16	50M162	11.2133
56MM PITCH (2.205") 5/8"(15 & 16MM) ROD		
8	56M82	7.23
8	56M82MX	7.1
8	56M82X	7.23
9	56M92MX	8.25
9	56M92X	7.9481
10	56M102	8.5721
10	56M102X	8.5721
12	56M122	9.875
12	56M122X	9.875
14	56M142	11.15

SPROCKETS – BELTED CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
BELTED CHAIN 5/8" ROD		
60MM PITCH (2.362") 5/8"(15 & 16MM) ROD		
12	60M122	10.4183
64MM PITCH (2.520") 5/8"(15 & 16MM) ROD		
8	64M82X	7.822
10	64M102	9.313
126MM PITCH (4.961") 5/8"(15 & 16MM) ROD		
6	126M6	11.662
6	126M6TX	11.7
8	126M8	14.15
128MM PITCH (5.039") 5/8"(15 & 16MM) ROD		
6	128M6	11.625
135MM PITCH (5.315") 5/8"(15 & 16MM) ROD		
5	135M5	10.808
6	135M6	12.5
6	135M6T	12.5
7	135M7X	14.3688
8	135M8X	16.667
150MM PITCH (5.906") 5/8"(15 & 16MM) ROD		
5	150M5	11.5
5	150M5T	11.5
6	150M6	13.65
6	150M6T	13.65
7	150M7	14.6
8	150M8	16.617
180MM PITCH (7.087") 5/8"(15 & 16MM) ROD		
5	180M5	13.6
5	180M5T	13.6
6	180M6	15.1
6	180M6T	15.315
200MM PITCH (7.874") 5/8"(15 & 16MM) ROD		
5	200M5	14.8
5	200M5X	14.968
BELTED CHAIN REVERSE DRIVE 7/16" ROD		
28MM PITCH (1.102") 7/16"(11MM) ROD – REVERSE DRIVE		
14	28M14RX	4.989
18	28M18RX	6.455
32MM PITCH (1.260") 7/16"(11MM) ROD – REVERSE DRIVE		
10	32M10RX	4.615
12	32M12RX	5.134
14	32M14RX	5.9871
16	32M16RX	6.875
18	36M18RX	8.511

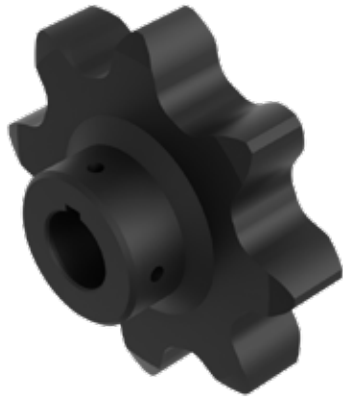
SPROCKETS – BELTED CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
BELTED CHAIN REVERSE DRIVE 7/16" ROD		
36MM PITCH (1.417") 7/16"(11MM) ROD – REVERSE DRIVE		
10	36M10RX	4.965
12	36M12RX	5.82
16	36M16RX	7.6212
40MM PITCH (1.575") 7/16"(11MM) ROD – REVERSE DRIVE		
10	40M10RX	5.3925
12	40M12RX	6.6865
15	40M15RX	8.552
42MM PITCH (1.654") 7/16"(11MM) ROD – REVERSE DRIVE		
8	42M8RX	4.488
10	42M10RX	6.45
12	42M12RX	7.293
14	42M14RX	8.224
18	42M18RX	10.4824
45MM PITCH (1.772") 7/16"(11MM) ROD – REVERSE DRIVE		
8	45M8RX	5.043
9	45M9RX	5.763
10	45M10RX	6.574
12	45M12RX	7.612
14	45M14RX	8.802
50MM PITCH (1.969") 7/16"(11MM) ROD – REVERSE DRIVE		
8	50M8RX	5.733
10	50M10RX	7.26
12	50M12RX	8.543
14	50M14RX	9.796
56MM PITCH (2.205") 7/16"(11MM) ROD – REVERSE DRIVE		
10	56M10RX	7.8
12	56M12RX	9.404
BELTED CHAIN REVERSE DRIVE 1/2" ROD – REVERSE DRIVE		
28MM PITCH (1.102") 1/2"(12 & 13MM) ROD – REVERSE DRIVE		
22	28M22R1X	7.9961
32MM PITCH (1.260") 1/2"(12 & 13MM) ROD – REVERSE DRIVE		
12	32M12R1X	5.0134
22	32M22R1X	9.186
24	32M24R1X	9.802
36MM PITCH (1.417") 1/2"(12 & 13MM) ROD – REVERSE DRIVE		
12	36M12R1X	5.7575
14	36M14R1X	6.605
20	36M20R1X	9.319
40MM PITCH (1.417") 1/2"(12 & 13MM) ROD – REVERSE DRIVE		
10	40M10R1X	5.3
12	40M12R1X	6.8539
14	40M14R1X	7.85

SPROCKETS – BELTED CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
BELTED CHAIN REVERSE DRIVE 1/2" ROD – REVERSE DRIVE		
45MM PITCH (1.772") 1/2"(12 & 13MM) ROD – REVERSE DRIVE		
8	45M8R1X	4.8805
9	45M9R1X	5.343
10	45M10R1X	6.3912
12	45M12R1X	7.5516
14	45M14R1X	8.711
50MM PITCH (1.969") 1/2"(12 & 13MM) ROD – REVERSE DRIVE		
8	50M8R1X	5.67
10	50M10R1X	7
12	50M12R1X	8.201
14	50M14R1X	9.525
16	50M16R1X	10.82
56MM PITCH (2.205") 1/2"(12 & 13MM) ROD – REVERSE DRIVE		
8	56M8R1X	6.558
10	56M10R1X	7.7267
12	56M12R1X	8.983
14	56M14R1X	10.6104
64MM PITCH (2.520") 1/2"(12 & 13MM) ROD – REVERSE DRIVE		
7	64M7R1X	6.461
8	64M8R1X	7.181
BELTED CHAIN REVERSE DRIVE 5/8" ROD		
36MM PITCH (1.417") 5/8"(15 & 16MM) ROD – REVERSE DRIVE		
14	36M14R2X	6.483
20	36M20R2X	9.194
40MM PITCH (1.575") 5/8"(15 & 16MM) ROD – REVERSE DRIVE		
10	40M10R2X	5.8248
50MM PITCH (1.969") 5/8"(15 & 16MM) ROD – REVERSE DRIVE		
8	50M8R2X	5.4819
56MM PITCH (2.205") 5/8"(15 & 16MM) ROD – REVERSE DRIVE		
8	56M8R2X	6.279
12	56M12R2X	8.983
64MM PITCH (2.205") 5/8"(15 & 16MM) ROD – REVERSE DRIVE		
7	64M7R2X	6.336
180MM PITCH (7.087") 5/8"(15 & 16MM) ROD – REVERSE DRIVE		
6	180M6RX	14.41

COMBINATION CHAIN SPROCKETS



Black Ace Combination Chain Sprockets are manufactured with the highest integrity. You will realize value, as these sprockets are flame-cut and machined with the highest precision available on the market.

ASME Standard Torch Profiles - Elongated Root Design promotes a self-cleaning effect of the root to keep your demanding applications moving.

A - B - C Hub Types

- **A Type (no hub)** typically used in weld-on applications.
- **B Type (hub on one side)** used in applications where clearance width is narrow. More economical than C Type.
- **C Type (hub on both sides)** used in applications where B Type is not wide enough to withstand torques produced by drive.
- **Split Style Construction** - Once you use a Split Sprocket, you may never want to use a setscrew mount style again. Removal or installation is a breeze. Can be used in virtually all applications. An additional benefit to Black Ace's split sprockets is that the shaft/keyway security is much tighter than a typical setscrew mount.
- **Hardening Available** - Flame hardening of sprockets is available as an option.

SPROCKETS - COMBINATION CHAIN

SPROCKET SERIES	C55	C60	C77	C188	C131	C102B
CHAIN PITCH (INCHES)	1.631	2.307	2.308	2.609	3.075	4
CHAIN ROLLER DIAMETER	.72"	.75"	.72"	.88"	1.250"	.97"
PLATE THICKNESS	5/8"	7/8"	5/8"	1"	1"	2"
COMMON DESIGNATIONS	C55 - C55L	C60	C77 - N77	C188 - BRH188 - C188M	C131	C102B - C102BM - N102B
NUMBER OF TEETH	PITCH DIAMETERS					
8	4.26	6.03	6.03	6.82	8.04	10.45
9	4.77	6.75	6.75	7.63	8.99	11.70
10	5.28	7.47	7.47	8.44	9.95	12.94
11	5.79	8.19	8.19	9.26	10.91	14.20
12	6.30	8.91	8.92	10.08	11.88	15.45
13	6.82	9.64	9.64	10.90	12.85	16.71
14	7.33	10.37	10.37	11.72	13.82	17.98
15	7.84	11.10	11.10	12.55	14.79	19.24
16	8.36	11.83	11.83	13.37	15.76	20.50
17	8.88	12.56	12.56	14.20	16.74	21.77
18	9.39	13.29	13.29	15.02	17.71	23.04
19	9.91	14.02	14.02	15.85	18.68	24.30
20	10.43	14.75	14.75	16.68	19.66	25.57
21	10.94	15.48	15.49	17.51	20.63	26.84
22	11.46	16.21	16.22	18.33	21.61	28.11
23	11.98	16.94	16.95	19.16	22.58	29.38
24	12.50	17.67	17.68	19.99	23.56	30.65
25	13.01	18.41	18.41	20.82	24.53	31.91
26	13.53	19.14	19.15	21.64	25.51	33.18
27	14.05	19.87	19.88	22.47	26.49	
28	14.57	20.60	20.61	23.30	27.46	
29	15.09	21.34	21.35	24.13	28.44	
30	15.60	22.07	22.08	24.96	29.42	
31	16.12	22.80	22.81	25.79	30.39	
32	16.64	23.54	23.55	26.62	31.37	
33	17.16	24.27	24.28	27.45	32.35	



Black Ace Engineering Class Sprockets are manufactured with the highest integrity. You will realize value, as these sprockets are flame-cut and machined with the highest precision available on the market.

ASME Standard Torch Profiles - Elongated Root Design promotes a self-cleaning effect of the root to keep your demanding applications moving.

A - B - C Hub Types

- **A Type (no hub)** typically used in weld-on applications.
- **B Type (hub on one side)** used in applications where clearance width is narrow. More economical than C Type.
- **C Type (hub on both sides)** used in applications where B Type is not wide enough to withstand torques produced by drive.
- **Split Style Construction** - Once you use a Split Sprocket, you may never want to use a setscrew mount style again. Removal or installation is a breeze. Can be used in virtually all applications. An additional benefit to Black Ace's split sprockets is that the shaft/keyway security is much tighter than a typical setscrew mount.
- **Hardening Available** - Flame hardening of sprockets is available as an option.

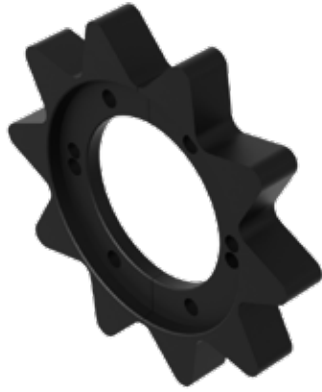
SPROCKETS - ENGINEERING CLASS CHAIN

COMMON DESIGNATIONS
62 SERIES
62 - 62H - H62 - 072 - 162 - R362 - RR362 - R432 - RR432 - 962, LXS627 - IS620 - 162R - US622 - 378R - 402RX - US620
78 SERIES
78 - H74 - 75 - H75 - H78 - H79 - 88 - 188 - S188 - S78 - R588 - RR588 - R778 - RR778 - 988 - IS880 - 87R - IS881 - 81X - IS882 - LXS881 - LXS886 - US881 - LXS887 - LXS882 - 488 - XS578 - SS188 - C188 - US278R - US882 - 578R - 588R
1568 SERIES
1568 - AX1568 - JS3011 - SS568 - X568 - XX568 - 1803A - 1803AB - MXS3011 - IS3011 - IS3010 - US3011 - LXS3011 - LXS3011M
1030 SERIES
1030 - CHAMPION #3 - R1033 - R1035 - 1037 - 1539 - SS40 - LXS1031 - API3 - LXS1032 - SS40HYP - IS1030 - IS1031 - IS1032 - IS1037 - US1031 - 1190 - SXX - 1190R - US1032
82 SERIES
82 - H82 - WH82 - 103 - 131 - S131 - WS82 - WS82H - SS131 - 527R - 527RX - C9103 - 6131 - 4103 - C131 - 382
238 SERIES
238 - RX238 - IS3514J - 1616A - MXS3514 - LXS3514 - LXS3514M
124 SERIES
124 - H124 - W124 - WS124 - WR124 - WH124

SPROCKETS – ENGINEERING CLASS CHAIN

SPROCKET SERIES	62	78	1568	1030	82	238	124
CHAIN PITCH (INCHES)	1.654	2.609	3.067	3.075	3.075	3.5	4
CHAIN ROLLER DIAMETER	13/16"	7/8"	1-5/8"	1-1/4"	1-7/32"	1-3/4"	1-1/2"
PLATE THICKNESS	3/4"	7/8"	1-1/4"	1-1/4"	1-1/8"	1-1/4"	1-1/2"
NUMBER OF TEETH	PITCH DIAMETERS						
8	4.32	6.82	8.01	8.04	8.04	9.15	10.45
9	4.84	7.63	8.97	8.99	8.99	10.23	11.70
10	5.35	8.44	9.93	9.95	9.95	11.33	12.94
11	5.87	9.26	10.89	10.91	10.91	12.42	14.20
12	6.39	10.08	11.85	11.88	11.88	13.52	15.45
13	6.91	10.90	12.82	12.85	12.85	14.62	16.71
14	7.43	11.72	13.78	13.82	13.82	15.73	17.98
15	7.96	12.55	14.75	14.79	14.79	16.83	19.24
16	8.48	13.37	15.72	15.76	15.76	17.94	20.50
17	9.00	14.20	16.69	16.74	16.74	19.05	21.77
18	9.53	15.02	17.66	17.71	17.71	20.16	23.04
19	10.05	15.85	18.63	18.68	18.68	21.26	24.30
20	10.57	16.68	19.61	19.66	19.66	22.37	25.57
21	11.10	17.51	20.58	20.63	20.63	23.48	26.84
22	11.62	18.33	21.55	21.61	21.61	24.59	28.11
23	12.15	19.16	22.52	22.58	22.58	25.70	29.38
24	12.67	19.99	23.50	23.56	23.56	26.81	30.65
25	13.20	20.82	24.47	24.53	24.53	27.93	31.91
26	13.72	21.64	25.44	25.51	25.51	29.04	33.18
27	14.25	22.47	26.42	26.49	26.49	30.15	
28	14.77	23.30	27.39	27.46	27.46	31.26	
29	15.30	24.13	28.37	28.44	28.44	32.37	
30	15.82	24.96	29.34	29.42	29.42	33.48	
31	16.35	25.79	30.32	30.39	30.39		
32	16.87	26.62	31.29	31.37	31.37		
33	17.40	27.45	32.27	32.35	32.35		
34	17.93	28.28					
35	18.45	29.11					
36	18.98	29.93					
37	19.50	30.76					
38	20.03	31.59					
39	20.56	32.42					
40	21.08	33.25					

Notes



Black Ace Hook Chain Sprockets are manufactured with the highest integrity. You will realize value, as these sprockets are flame-cut and machined with the highest precision available on the market.

Torch Profiles – Engineered to promote the best life for your sprockets and chain. Black Ace Steel Cut sprockets maintain better pitch accuracy and perpendicularity over cast iron. This means longer sprocket and chain life.

Styles Available

- **A Type (no hub)** typically used in weld-on applications.
- **Split Style Construction (hub on one side)** – Once you use a Split Sprocket, you may never want to use a setscrew mount style again. Removal or installation is a breeze. Can be used in virtually all applications. An additional benefit to Black Ace's split sprockets is that the shaft/keyway security is much tighter than a typical setscrew mount.
- **Idler Style** – Assembled with long-lasting Black Ace Ball Bearings.
- **Multiple Sprocket Thicknesses Available** – Standard Sprocket thickness is 1", but some circumstances may require different thicknesses. Thicknesses are available from ½" to 2".
- **Heat Treat** – Hardening of sprockets is available as an option. Hardness on hardened sprockets ranges from 50-60 Rc.

SPROCKETS – HOOK CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
1.000" PITCH HOOK CHAIN		
11	10011	4.28
12	10012	4.5
14	10014	5.15
18	10018	6.3125
1.156" PITCH HOOK CHAIN		
20	11520	8
1.250" PITCH HOOK CHAIN		
10	12510	4.535
11	12511	5.125
12	12512	5.5
13	12513	5.808
14	12514	6.187
15	12515	6.8248
16	12516	6.9375
18	12518	8.155
20	12520	8.93
22	12522	9.2
23	12523	10
26	12526	11.356
1.375" PITCH HOOK CHAIN		
8	1378	4.202
9	1379	4.5
10	13710	5.25
11	13711	5.65
12	13712	6
14	13714	6.8
16	13716	7.625

SPROCKETS - HOOK CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
1.375" PITCH HOOK CHAIN		
16	13716LT	8.2
18	13718	8.713
20	13720	9.696
1.562" PITCH HOOK CHAIN		
8	1568	5
9	1569	5.5
10	15610	6
11	15611	6.5
12	15612	7
13	15613	8
14	15614	8.125
14	15614LT	8.8
15	15615	8.653
16	15616	9.43
18	15618	10.225
20	15620	10.922
24	15624	12.8919
1.625" PITCH HOOK CHAIN		
9	1629	5.7
10	16210	6.2
12	16212	7.229
14	16214	8.405
1.750" PITCH HOOK CHAIN		
7	1757	4.883
8	1758	5.273
9	1759	6.375
10	17510	7.015
10	17510LP	6.4
12	17512	8.5
14	17514	9.695
16	17516	10.415
18	17518	11.128
20	17520	12.937
1.875" PITCH HOOK CHAIN		
7	1887	5.213
8	1888	6.312
9	1889	7
10	18810	7.687
12	18812	8.75
14	18814	10.1

SPROCKETS – HOOK CHAIN

# OF TEETH	SPROCKET	OUTSIDE DIAMETER
2.000" PITCH HOOK CHAIN		
7	2007	5.6
8	2008	6.625
9	2009	7.528
10	20010	8.16
12	20012	9.5
14	20014	10.625
16	20016	11.875
2.250" PITCH HOOK CHAIN		
6	2256	6.2
7	2257	6.875
8	2258	7.578
9	2259	8.25
10	22510	9.131
11	22511	9.849
12	22512	10.143
13	22513	11.5
14	22514	11.125
2.375" PITCH HOOK CHAIN		
8	2378	7.375
9	2379	8.187
10	23710	9.08
12	23712	10.41
2.500" PITCH HOOK CHAIN		
6	2506	6.768
7	2507	7.2
8	2508	8.5
9	2509	8.76
10	25010	9.7
12	25012	11.02

Notes



Black Ace Pintle Chain Sprockets are manufactured with the highest integrity. You will realize value, as these sprockets are flame-cut and machined with the highest precision available on the market.

ASME Standard Torch Profiles – Elongated root design promotes a self-cleaning effect of the root, to keep your demanding applications moving.

Torch Profiles – Engineered to promote the best life for your sprockets and chain. Black Ace Steel Cut sprockets maintain better pitch accuracy and perpendicularity over cast iron. This means longer sprocket and chain life.

A – B – C Hub Types

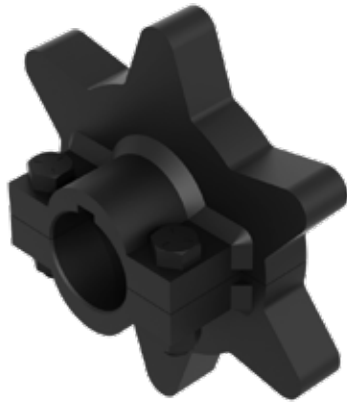
- **A Type (no hub)** typically used in weld-on applications.
- **B Type (hub on one side)** used in applications where clearance width is narrow. More economical than C Type.
- **C Type (hub on both sides)** used in applications where B Type is not wide enough to withstand torques produced by drive.
- **Split Style Construction** – Once you use a Split Sprocket, you may never want to use a solid style again. Removal or installation is a breeze. Can be used in virtually all applications. An additional benefit to Black Ace's split sprockets is that the shaft/keyway security is much tighter than a typical setscrew mount.
- **Hardening Available** – Flame hardening of sprockets is available as an option.

SPROCKETS – PINTLE CHAIN

# OF TEETH	SPROCKET PATTERN	OUTSIDE DIAMETER
662		
6	6626	4.058
7	6627	4.565
8	6628	5.078
9	6629	5.595
10	66210	6.115
11	66211	6.636
12	66212	7.159
13	66213	7.683
14	66214	8.208
15	66215	8.733
16	66216	9.259
17	66217	9.786
18	66218	10.313
19	66219	10.84
20	66220	11.367
667X		
6	6676	5.447
7	6677	6.132
8	6678	6.827
9	6679	7.526
10	66710	8.228
11	66711	8.933
12	66712	9.64
13	66713	10.349
14	66714	11.058
15	66715	11.769
16	66716	12.48
17	66717	13.192

SPROCKETS - PINTLE CHAIN

# OF TEETH	SPROCKET PATTERN	OUTSIDE DIAMETER
667X		
18	66718	13.904
19	66719	14.617
20	66720	15.33
88K		
6	88K6	6.29
7	88K7	7.085
8	88K8	7.89
9	88K9	8.7
10	88K10	9.515
11	88K11	10.333
12	88K12	11.152
13	88K13	11.974
14	88K14	12.797
15	88K15	13.621
16	88K16	14.445
17	88K17	15.271
18	88K18	16.096
19	88K19	16.923
20	88K20	17.75
667K		
6	667K6	5.454
7	667K7	6.215
8	667K8	6.951
9	667K9	7.65
10	667K10	8.353
11	667K11	9.058
12	667K12	9.765
13	667K13	10.474
14	667K14	11.183
15	667K15	11.894
16	667K16	12.605
17	667K17	13.317
18	667K18	14.029
19	667K19	14.742
20	667K20	15.455
667H		
6	667H6	5.511
7	667H7	6.216
8	667H8	6.929
9	667H9	7.648
10	667H10	8.37
11	667H11	9.095
12	667H12	9.822
13	667H13	10.55
14	667H14	11.28



Black Ace Sprockets play an integral role when conveying product. Whether it's on an assembly line that runs 24/7 or an agricultural harvester used annually, production halts when sprockets don't perform.

ASME Standard Torch Profiles - Elongated root design promotes a self-cleaning effect of the root, to keep your demanding applications moving.

A - B - C Hub Types

- **A Type (no hub)** typically used in weld-on applications.
- **B Type (hub on one side)** used in applications where clearance width is narrow. More economical than C Type.
- **C Type (hub on both sides)** used in applications where B Type is not wide enough to withstand torques produced by drive.
- **Split Style Construction** - Once you use a Split Sprocket, you may never want to use a solid style again. Removal or installation is a breeze. Can be used in virtually all applications. An additional benefit to Black Ace's split sprockets is that the shaft/keyway security is much tighter than a typical setscrew mount.
- **Hardening Available** - Flame hardening of sprockets is available as an option.

SPROCKETS - T-BAR CHAIN

SPROCKET SERIES	67T
CHAIN PITCH (INCHES)	2.56
CHAIN ROLLER DIAMETER	1.187"
PLATE THICKNESS	3/4"
COMMON DESIGNATIONS	T67 - 67 T-BAR
NUMBER OF TEETH	PITCH DIAMETERS
6	5.12
7	5.90
8	6.69
9	7.48
10	8.28
11	9.09
12	9.89
13	10.70
14	11.50
15	12.31
16	13.12
17	13.93
18	14.74
19	15.55
20	16.36



Black Ace Double Pitch Roller Chain Sprockets are manufactured with the highest integrity. You will realize value, as these sprockets are flame-cut and machined with the highest precision available on the market.

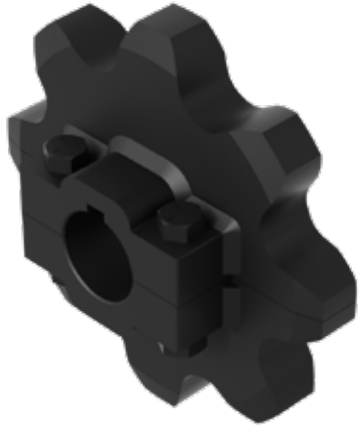
ASME Standard Torch Profiles

A - B - C Hub Types

- **A Type (no hub)** typically used in weld-on applications.
- **B Type (hub on one side)** used in applications where clearance width is narrow. More economical than C Type.
- **C Type (hub on both sides)** used in applications where B Type is not wide enough to withstand torques produced by drive.
- **Split Style Construction** - Once you use a Split Sprocket, you may never want to use a solid style again. Removal or installation is a breeze. Can be used in virtually all applications. An additional benefit to Black Ace's split sprockets is that the shaft/keyway security is much tighter than a typical setscrew mount.
- **Hardening Available** - Flame hardening of sprockets is available as an option.

SPROCKETS - DOUBLE PITCH ROLLER CHAIN

SPROCKET SERIES	2062	2082	2102	2122	2162
CHAIN PITCH (INCHES)	1.5	2	2.5	3	4
CHAIN ROLLER DIAMETER	0.875"	1.125"	1.563"	1.750"	2.250"
PLATE THICKNESS	7/16"	9/16"	11/16"	15/16"	1-5/32"
CHAIN DESIGNATIONS	2062 - 2062H	2082 - 2082H	2102 - 2102H	2122 - 2122H	2162 - 2162H
NUMBER OF TEETH	PITCH DIAMETERS				
8	3.92	5.23	6.53	7.84	10.45
9	4.39	5.85	7.31	8.77	11.70
10	4.85	6.47	8.09	9.71	12.94
11	5.32	7.10	8.87	10.65	14.20
12	5.80	7.73	9.66	11.59	15.45
13	6.27	8.36	10.45	12.54	16.71
14	6.74	8.99	11.24	13.48	17.98
15	7.21	9.62	12.02	14.43	19.24
16	7.69	10.25	12.81	15.38	20.50
17	8.16	10.88	13.61	16.33	21.77
18	8.64	11.52	14.40	17.28	23.04
19	9.11	12.15	15.19	18.23	24.30
20	9.59	12.79	15.98	19.18	25.57



Black Ace Detachable Chain Sprockets are manufactured with the highest integrity. You will realize value, as these sprockets are flame-cut and machined with the highest precision available on the market.

ASME Standard Torch Profiles - Elongated Root Design promotes a self-cleaning effect of the root to keep your demanding applications moving.

A - B - C Hub Types

- **A Type (no hub)** typically used in weld-on applications.
- **B Type (hub on one side)** used in applications where clearance width is narrow. More economical than C Type.
- **C Type (hub on both sides)** used in applications where B Type is not wide enough to withstand torques produced by drive.
- **Split Style Construction** - Once you use a Split Sprocket, you may never want to use a solid style again. Removal or installation is a breeze. Can be used in virtually all applications. An additional benefit to Black Ace's split sprockets is that the shaft/keyway security is much tighter than a typical setscrew mount.
- **Hardening Available** - Flame hardening of sprockets is available as an option.

SPROCKETS - DETACHABLE CHAIN

SPROCKET SERIES	52	55	62	62H	67H	67W	67XH	70	72	S
CHAIN PITCH (INCHES)	1.508	1.63	1.654	1.654	2.313	2.313	2.313	2.013	2.205	2.906
CHAIN ROLLER DIAMETER	.606"	.640"	.670"	.684"	.896"	.856"	.926"	.818"	.818"	.818"
PLATE THICKNESS	5/8"	5/8"	7/8"	7/8"	1"	1"	1"	1"	1"	1"
NUMBER OF TEETH	PITCH DIAMETERS									
6	3.02	3.26	3.31	3.31	4.63	4.63	4.63	4.03	4.41	5.81
7	3.48	3.76	3.81	3.81	5.33	5.33	5.33	4.64	5.08	6.70
8	3.94	4.26	4.32	4.32	6.04	6.04	6.04	5.26	5.76	7.59
9	4.41	4.77	4.84	4.84	6.76	6.76	6.76	5.89	6.45	8.50
10	4.88	5.27	5.35	5.35	7.49	7.49	7.49	6.51	7.14	9.40
11	5.35	5.79	5.87	5.87	8.21	8.21	8.21	7.15	7.83	10.31
12	5.83	6.30	6.39	6.39	8.94	8.94	8.94	7.78	8.52	11.23
13	6.30	6.81	6.91	6.91	9.66	9.66	9.66	8.41	9.21	12.14
14	6.78	7.33	7.43	7.43	10.39	10.39	10.39	9.05	9.91	13.06
15	7.25	7.84	7.96	7.96	11.12	11.12	11.12	9.68	10.61	13.98
16	7.73	8.36	8.48	8.48	11.86	11.86	11.86	10.32	11.30	14.90
17	8.21	8.87	9.00	9.00	12.59	12.59	12.59	10.96	12.00	15.82
18	8.68	9.39	9.53	9.53	13.32	13.32	13.32	11.59	12.70	16.74
19	9.16	9.90	10.05	10.05	14.05	14.05	14.05	12.23	13.40	17.66
20	9.64	10.42	10.57	10.57	14.79	14.79	14.79	12.87	14.10	18.58



Black Ace High Profile Belted Chain Sprockets are manufactured with the highest integrity. You will find value, as these sprockets are flame-cut and machined with the highest precision available on the market.

- Used in conjunction only with high profile belted chain
- Drives belted chain by extended lugs under belt runs
- Promotes rod life on chain
- No teeth protruding through belt rod run protects conveyed product from damage
- Split configuration is standard for easy installation or replacement
- Sprockets available without flange for mid belt runs
- Standards:
 - Flange Thickness: 3/8"
 - Drive COG Length: 2-9/16" (65MM)

SPROCKETS - HIGH PROFILE BELTED CHAIN

# OF DRIVE COGS	APPROX. OUTER DIAMETER OF DRIVE CAGE	FLANGE DIAMETER	COG SIZE	MAX DIAMETER OF DRIVESHAFT
35MM PITCH				
14	5-1/2"	6-5/8"	1/2"SQ	1-1/2"
16	6-1/2"	7-9/16"	1/2"SQ	1-1/2"
17	7"	8"	1/2"SQ	2"
18	7-3/8"	8"	1/2"SQ	2"
20	8-1/8"	8-5/8"	1/2"SQ	2"
40MM PITCH				
10	4-1/2"	5-1/4"	1/2"SQ	1-1/2" (NON-SPLIT)
12	5-1/2"	6-1/4"	1/2"SQ	1-1/2"
14	6-1/2"	7-1/8"	1/2"SQ	1-1/2"
15	7-1/8"	7-9/16"	1/2"SQ	2"
16	7-3/4"	8-3/4"	1/2"SQ	2"
18	8-1/2"	9-9/16"	1/2"SQ	2"
42MM PITCH				
12	6-1/2"	5-1/2"	1/2"SQ	1-1/2"
16	7-3/4"	8-5/8"	1/2"SQ	2"
24	12"	13"	1/2"SQ	2"
44MM PITCH				
16	8-1/2"	9"	1/2"SQ	2"
45MM PITCH				
10	5"	6-1/8"	1/2"SQ	1-1/4"
12	6-1/8"	7-1/8"	1/2"SQ	1-1/2"
14	7-1/4"	8"	1/2"SQ	2"
16	8-1/2"	9-9/16"	1/2"SQ	2"
18	9-1/2"	11"	1/2"SQ	2"
50MM PITCH				
10	5-3/4"	7-1/8"	1/2"SQ	1-1/2"
12	7"	8-3/4"	1/2"SQ	2"
14	8-1/4"	10-1/4"	1/2"SQ	2"
16	9-1/2"	11"	1/2"SQ	2"
18	10-1/2"	11-1/4"	1/2"SQ	2"



FRICION DRIVE ROLLERS

FRICION DRIVE ROLLERS



Friction Drive Rollers










Flat Series Rubber

62

Flanged Series Rubber

63

FRICITION DRIVE ROLLERS – FLAT SERIES – RUBBER

	PART NUMBER	WHEEL DIAMETER	TOTAL WIDTH	BORE SIZE	KEYWAY SIZE
		A	B	C	D
Steel/Rubber Body 	RBRKKA5	3-1/2"	2-1/8"	1"	1/4"
	RBRKKG5	3-1/2"	2-1/8"	1-3/16"	1/4"
	RBRRKB5	3-1/2"	2-1/8"	1-1/4"	1-4"
	RBRKRC6	3-1/2"	2-1/8"	1-3/8"	5/16"
	RBRRKH4	3-1/2"	2-1/8"	1-7/16"	3/8"
Steel/Rubber Body/Split 	DRBRR	3-1/2"	2-1/8"	1"-1-7/16"	1/4"-3/8"
Steel/Rubber Body 	R40BRKKA5	4"	2-1/8"	1"	1/4"
	R40BRKKG5	4"	2-1/8"	1-3/16"	1/4"
	R40BRRKB5	4"	2-1/8"	1-1/4"	1-4"
	R40BRKRC6	4"	2-1/8"	1-3/8"	5/16"
	R40BRRKH4	4"	2-1/8"	1-7/16"	3/8"
Steel/Rubber Body 	R45BRKKA5	4-1/2"	2-1/8"	1"	1/4"
	R45BRKKG5	4-1/2"	2-1/8"	1-3/16"	1/4"
Steel/Rubber Body 	R45BRRKB5	4-1/2"	2-1/8"	1-1/4"	1-4"
	R45BRKRC6	4-1/2"	2-1/8"	1-3/8"	5/16"
	R45BRRKH4	4-1/2"	2-1/8"	1-7/16"	3/8"
Steel/Rubber Body 	R5RRDRA5	5"	1-1/2"	1"	1/4"
	R5RRDRG5	5"	1-1/2"	1-3/16"	1/4"
	R5RRDRB5	5"	1-1/2"	1-1/4"	1-4"
	R5RRDRE4	5"	1-1/2"	2"	3/8"
Steel/Rubber Body 	R652RKA5	6-9/16"	2-1/4"	1"	1/4"
	R652RKG5	6-9/16"	2-1/4"	1-3/16"	1/4"
	R652RKB5	6-9/16"	2-1/4"	1-1/4"	1-4"
	R652RKC6	6-9/16"	2-1/4"	1-3/8"	5/16"
	R652RKH4	6-9/16"	2-1/4"	1-7/16"	3/8"
Steel/Rubber Body/Split 	DR6517R	6-9/16"	1-3/4"	1"-2"	1/4" - 1/2"
Steel/Rubber Body/Split 	R929RSB5	9"	3"	1-1/4"	1/4"
	R929RSH4	9"	3"	1-7/16"	3/8"
	R929RSN4	9"	3"	1-1/2"	3/8"
	R929RSE1	9"	3"	2"	1/2"

FRICION DRIVE ROLLERS – FLANGED SERIES – RUBBER

	PART NUMBER	WHEEL DIAMETER	FLANGE DIAMETER	TOTAL WIDTH	FLANGE WIDTH	BORE SIZE	KEYWAY SIZE
		A	B	C	D	E	F
 Cast/Rubber Body	R5FBRRCKA5	3-1/2"	5"	2-3/8"	1/4"	1"	1/4"
	R5FBRRCKG5	3-1/2"	5"	2-3/8"	1/4"	1-3/16"	1/4"
	R5FBRRCKB5	3-1/2"	5"	2-3/8"	1/4"	1-1/4"	1-4"
	R5FBRRCKC6	3-1/2"	5"	2-3/8"	1/4"	1-3/8"	5/16"
	R5FBRRCKH4	3-1/2"	5"	2-3/8"	1/4"	1-7/16"	3/8"
 Steel/Rubber Body	R6FBRRKA5	3-1/2"	6-1/2"	2-3/8"	1/4"	1"	1/4"
	R6FBRRKG5	3-1/2"	6-1/2"	2-3/8"	1/4"	1-3/16"	1/4"
	R6FBRRKB5	3-1/2"	6-1/2"	2-3/8"	1/4"	1-1/4"	1-4"
	R6FBRRKC6	3-1/2"	6-1/2"	2-3/8"	1/4"	1-3/8"	5/16"
	R6FBRRKH4	3-1/2"	6-1/2"	2-3/8"	1/4"	1-7/16"	3/8"
 Steel/Rubber Body	R8FBRRKA5	3-1/2"	7-7/8"	2-3/8"	1/4"	1"	1/4"
	R8FBRRKG5	3-1/2"	7-7/8"	2-3/8"	1/4"	1-3/16"	1/4"
	R8FBRRKB5	3-1/2"	7-7/8"	2-3/8"	1/4"	1-1/4"	1-4"
	R8FBRRKC6	3-1/2"	7-7/8"	2-3/8"	1/4"	1-3/8"	5/16"
	R8FBRRKH4	3-1/2"	7-7/8"	2-3/8"	1/4"	1-7/16"	3/8"
 Cast/Rubber Body	R5F4BRRCKA5	4"	5"	2-3/8"	1/4"	1"	1/4"
	R5F4BRRCKG5	4"	5"	2-3/8"	1/4"	1-3/16"	1/4"
	R5F4BRRCKB5	4"	5"	2-3/8"	1/4"	1-1/4"	1-4"
	R5F4BRRCKC6	4"	5"	2-3/8"	1/4"	1-3/8"	5/16"
	R5F4BRRCKH4	4"	5"	2-3/8"	1/4"	1-7/16"	3/8"
 Steel/Rubber Body	R6F4BRRKA5	4"	6-1/2"	2-3/8"	1/4"	1"	1/4"
	R6F4BRRKG5	4"	6-1/2"	2-3/8"	1/4"	1-3/16"	1/4"
	R6F4BRRKB5	4"	6-1/2"	2-3/8"	1/4"	1-1/4"	1-4"
	R6F4BRRKC6	4"	6-1/2"	2-3/8"	1/4"	1-3/8"	5/16"
	R6F4BRRKH4	4"	6-1/2"	2-3/8"	1/4"	1-7/16"	3/8"
 Steel/Rubber Body	R8F4BRRKA5	4"	7-7/8"	2-3/8"	1/4"	1"	1/4"
	R8F4BRRKG5	4"	7-7/8"	2-3/8"	1/4"	1-3/16"	1/4"
	R8F4BRRKB5	4"	7-7/8"	2-3/8"	1/4"	1-1/4"	1-4"
	R8F4BRRKC6	4"	7-7/8"	2-3/8"	1/4"	1-3/8"	5/16"
	R8F4BRRKH4	4"	7-7/8"	2-3/8"	1/4"	1-7/16"	3/8"
 Steel/Rubber Body	R6F5BRRKA5	4-1/2"	6-1/2"	2-3/8"	1/4"	1"	1/4"
	R6F5BRRKG5	4-1/2"	6-1/2"	2-3/8"	1/4"	1-3/16"	1/4"
	R6F5BRRKB5	4-1/2"	6-1/2"	2-3/8"	1/4"	1-1/4"	1-4"
	R6F5BRRKC6	4-1/2"	6-1/2"	2-3/8"	1/4"	1-3/8"	5/16"
	R6F5BRRKH4	4-1/2"	6-1/2"	2-3/8"	1/4"	1-7/16"	3/8"
 Steel/Rubber Body	R8F5BRRKA5	4-1/2"	7-7/8"	2-3/8"	1/4"	1"	1/4"
	R8F5BRRKG5	4-1/2"	7-7/8"	2-3/8"	1/4"	1-3/16"	1/4"
	R8F5BRRKB5	4-1/2"	7-7/8"	2-3/8"	1/4"	1-1/4"	1-4"
	R8F5BRRKC6	4-1/2"	7-7/8"	2-3/8"	1/4"	1-3/8"	5/16"
	R8F5BRRKH4	4-1/2"	7-7/8"	2-3/8"	1/4"	1-7/16"	3/8"
 Steel/Rubber Body	R25DNRKA5	6-9/16"	9-1/2"	2-1/2"	5/16"	1"	1/4"
	R25DNRKG5	6-9/16"	9-1/2"	2-1/2"	5/16"	1-3/16"	1/4"
	R25DNRKB5	6-9/16"	9-1/2"	2-1/2"	5/16"	1-1/4"	1-4"
	R25DNRKC6	6-9/16"	9-1/2"	2-1/2"	5/16"	1-3/8"	5/16"
	R25DNRKH4	6-9/16"	9-1/2"	2-1/2"	5/16"	1-7/16"	3/8"

FLANGED SERIES RUBBER



SHAKERS

SHAKERS

Shakers

Shakers








68

Shaker Rollers

70

SHAKERS

SHAKERS

	SHAKER BODY	# OF POINTS	PITCH	APPROX. VERTICAL MOVEMENT	ACTION	BEARING	STANDOFF LENGTH	STANDOFF DIA	THROUGH HOLE
	H2P156A	2	1.56" (40MM)	1-3/8"	A	1 BGAS	N/A	N/A	N/A
	H2P156A/BRG	2	1.56" (40MM)	1-3/8"	A	1 BGAS	N/A	N/A	N/A
	H2P156AB1	2	1.56" (40MM)	1-3/8"	A	1 BGAS	0.14	1-1/8"	1/2"
	H2P156AB2	2	1.56" (40MM)	1-3/8"	A	1 BGAS	0.14	1-1/2"	5/8"
	H2P156AD1	2	1.56" (40MM)	1-3/8"	A	1 BGAS	3.04	1-1/2"	1/2"
	H2P156AD2	2	1.56" (40MM)	1-3/8"	A	1 BGAS	3.04	1-1/2"	5/8"
	H2P156AL1	2	1.56" (40MM)	1-3/8"	A	1 BGAS	1.09	1-1/2"	1/2"
	H2P156AO1	2	1.56" (40MM)	1-3/8"	A	1 BGAS	1.34	1-1/2"	1/2"
	H2P156AY1	2	1.56" (40MM)	1-3/8"	A	1 BGAS	2.04	1-1/2"	1/2"
	H2P156AY2	2	1.56" (40MM)	1-3/8"	A	1 BGAS	2.04	1-1/2"	5/8"
	H3PSGA	3	UP TO 2.00" (50MM)	1-9/16"	A	1 BGAS	N/A	N/A	N/A
	H3PSGA/BRG	3	UP TO 2.00" (50MM)	1-9/16"	A	1 BGAS	N/A	N/A	N/A
	H3PSGAB1	3	UP TO 2.00" (50MM)	1-9/16"	A	1 BGAS	0.13	1-1/8"	1/2"
	H3PSGAB2	3	UP TO 2.00" (50MM)	1-9/16"	A	1 BGAS	0.13	1-1/8"	5/8"
	H3PSGAD1	3	UP TO 2.00" (50MM)	1-9/16"	A	1 BGAS	3.06	1-1/2"	1/2"
	H3PSGAD2	3	UP TO 2.00" (50MM)	1-9/16"	A	1 BGAS	3.06	1-1/2"	5/8"
	H3PSGAL2	3	UP TO 2.00" (50MM)	1-9/16"	A	1 BGAS	1.11	1-1/2"	5/8"
	H3PSGAW2	3	UP TO 2.00" (50MM)	1-9/16"	A	1 BGAS	0.20	1-3/8"	5/8"
	H3PSGAY1	3	UP TO 2.00" (50MM)	1-9/16"	A	1 BGAS	2.06	1-1/2"	1/2"
	H3PSGAY2	3	UP TO 2.00" (50MM)	1-9/16"	A	1 BGAS	2.06	1-1/2"	5/8"
	H4P45A	4	1.75" (45MM)	5/8"	M	1 BGAS	N/A	N/A	N/A
	H4P45MA/BRG	4	1.75" (45MM)	5/8"	M	1 BGAS	N/A	N/A	N/A
	H4P45MAD2	4	1.75" (45MM)	5/8"	M	1 BGAS	3.02	1-1/2"	5/8"
	H4P45MAH2	4	1.75" (45MM)	5/8"	M	1 BGAS	2.37	1-1/2"	5/8"
	H4P45MAO2	4	1.75" (45MM)	5/8"	M	1 BGAS	1.44	1-1/2"	5/8"
	H4P45MAY1	4	1.75" (45MM)	5/8"	M	1 BGAS	2.05	1-1/2"	1/2"
	H4P45MAY2	4	1.75" (45MM)	5/8"	M	1 BGAS	2.05	1-1/2"	5/8"
	H4P56MA	4	2.25" (56 MM)	7/8"	M	1 OR 2 BGAS	(N/A)	N/A	N/A
	H4P56MA/BRG	4	2.25" (56 MM)	7/8"	M	1 OR 2 BGAS	N/A	N/A	N/A
	H4P56MAB2	4	2.25" (56 MM)	7/8"	M	1 OR 2 BGAS	0.09	1-1/8"	5/8"
	H4P56MAD2	4	2.25" (56 MM)	7/8"	M	1 OR 2 BGAS	3.02	1-1/2"	5/8"
	H4P56MAY1	4	2.25" (56 MM)	7/8"	M	1 OR 2 BGAS	2.02	1-1/2"	1/2"
	H4P56MAY2	4	2.25" (56 MM)	7/8"	M	1 OR 2 BGAS	2.02	1-1/2"	5/8"
	HR21MA	3	UP TO 2.5" (56MM)	1-3/4"	A	2 BGBE	N/A	N/A	N/A
	HR21MA-1	3	UP TO 2.5" (56MM)	1-3/4"	A	2 BGBE	N/A	N/A	N/A
	HR21MA/BRG	3	UP TO 2.5" (56MM)	1-3/4"	A	2 BGBE	N/A	N/A	N/A
	HR21MAD1	3	UP TO 2.5" (56MM)	1-3/4"	A	2 BGBE	3.04	1-1/2"	1/2"
	HR21MAD2	3	UP TO 2.5" (56MM)	1-3/4"	A	2 BGBE	3.04	1-1/2"	5/8"
	HR21MAO2	3	UP TO 2.5" (56MM)	1-3/4"	A	2 BGBE	1.43	1-1/2"	5/8"
	HR21MAY1	3	UP TO 2.5" (56MM)	1-3/4"	A	2 BGBE	2.05	1-1/2"	1/2"
	HR21MAY2	3	UP TO 2.5" (56MM)	1-3/4"	A	2 BGBE	2.05	1-1/2"	5/8"
	SR21MU	3	UP TO 2.5" (56MM)	1-3/4"	A	2 BGBE	N/A	N/A	N/A
	HR21DA	3	UP TO 2.5" (56MM)	1-3/4"	A	2 BGAS	N/A	N/A	N/A
	HR21DA/BRG	3	UP TO 2.5" (56MM)	1-3/4"	A	2 BGAS	N/A	N/A	N/A
	HR21DAB2	3	UP TO 2.5" (56MM)	1-3/4"	A	2 BGAS	0.13	1-1/2"	5/8"







TORQUE LIMITER CLUTCHES

TORQUE LIMITER CLUTCHES

Torque Limiter Clutches






Roller Chain Torque Limiter	74
Clutch Component Part Info	74
Inline Torque Limiter Series	76

TORQUE LIMITER CLUTCHES - ROLLER CHAIN TORQUE LIMITER SERIES

	SERIES NUMBER	HUB WEAR AREA		SMALLEST SPROCKET DIAMETER	# OF SPRINGS STANDARD	APPROX. TORQUE	BRONZE PRESSURE PLATE	STANDARD BORE & KEYWAY SIZE
		OD X ID						
	37	3.7	2.2	50P27T	4	400 FT# 4 SPRINGS	NO	A5, B5, C6
60P22T								
80P18T								
	44	4.37	2.25	50P31T OR 33T*	6	600 FT# 8 SPRINGS	NO	B5, B6, C4, C6
60P26T OR 29T*								
80P20T OR 22T*								
	45	4.5	2.25	50P31T OR 33T*	4	600 FT# 8 SPRINGS	NO	A5, B5, B6, C4, C5, C6, H4, Q5
60P26T OR 29T*								
80P20T OR 22T*								
	47	4.75	2.50	50P33T OR 35T*	6	800 FT# 8 SPRINGS	NO	A5, B5, M4
60P28T OR 31T*								
80P22T OR 23T*								
	65	6.46	3.63	50P41T OR 43T*	6	1300 FT# 12 SPRINGS	YES	B5, C6, E1, E4, H4, M4, N4
60P35T OR 36T*								
80P27T OR 28T*								
	651	6.46	3.63	60P41T	6	1300 FT# 12 SPRINGS	YES	SPLIT TAPER BUSHING P
60P37T								
80P28T								
	66	6.46	3.0	50P43T	6	1500 FT# 12 SPRINGS	YES	B5, C6, D4, E1, E4, H4, M4
60P37T								
80P28T								
	92	9.0	4.27	60P48T	8	3000 FT# 16 SPRINGS	YES	D4, E1, E4, M4, N4
80P36T								
	921	9.0	4.27	60P48T	8	3000 FT# 16 SPRINGS	YES	SPLIT TAPER BUSHING Q
80P36T								

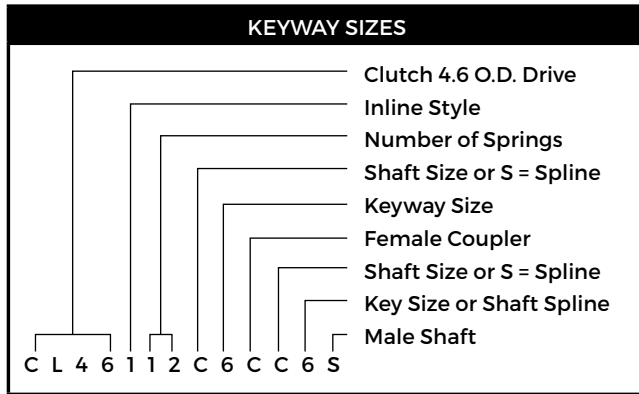
*DENOTES USE OF 1/2" BOLTS. ALL DIMENSIONS IN INCHES.

TORQUE LIMITER CLUTCHES - CLUTCH COMPONENT PART INFO

	SERIES NUMBER	FIBER DISK	PLATE	SPRING	TORQUE TUBE	BOLT	WASHER
	CH37	CF37	CP37-6	3246	OPTIONAL	BOLT0X3.25	WA4Z
	CH44	CF44	CP44	3246	OPTIONAL	BOLT0X3	WA4Z
	CH45	CF45	CP45	3246	OPTIONAL	BOLT0X3.5	WA4Z
	CH47	CF47	CP47-6	3246	OPTIONAL	BOLT0X3.25	WA4Z
	CH65	CF65	CP65B	3246	OPTIONAL	BOLT0X3.23	WA4Z

ALL DIMENSIONS IN INCHES

Explanation of Inline Torque Limiters Item Numbers



Standard Female Sizes
B5, C6 and 540 PTO 6-Spline

KEYWAY SIZES

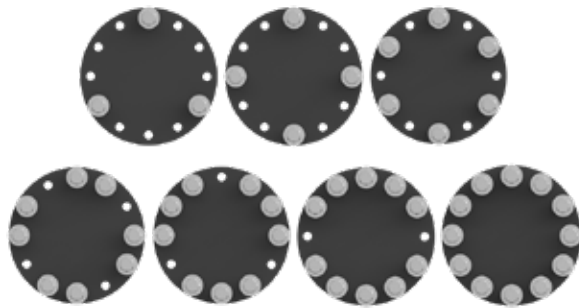
4 = 3/8"
5 = 1/4"
6 = 5/16"

BORE OR SHAFT SIZES

4 = 3/8"
5 = 1/4"
6 = 5/16"

Standard Male Sizes
B5, B6, C6, N4 and 540 PTO 6-Spline

Torque is adjusted by adding or removing springs and torque tube assemblies.



Spring pattern is designated by light gray circles.

TORQUE CHART

# of Springs	FT. LBS Torque
3	170
4	210
6	250
8	295
9	335
10	375
12	500

Notes



ARTICULATING IMPLEMENT HITCHES

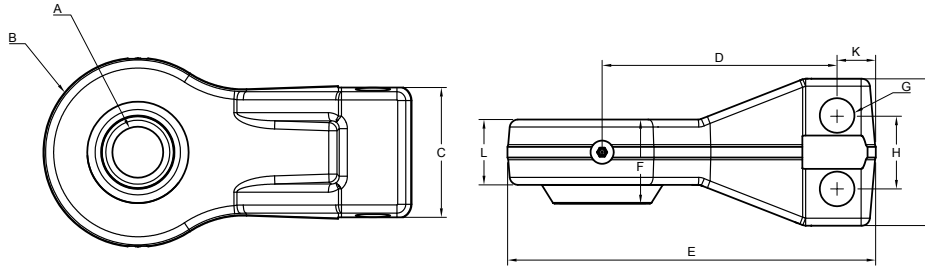
ARTICULATING IMPLEMENT HITCHES



Articulating Implement Hitches








Standard Mount	80
Horizontal Mount	82

ARTICULATION IMPLEMENT HITCHES – STANDARD MOUNT











- A: Draw Pin Size
- B: Ball Housing Diameter
- C: Receiver Width
- D: Draw Pin to Hole Mtg
- E: Overall Length
- F: Height (For Drawbar Strap)
- G: Bolt Hole Size
- H: Bolt Hole Distance
- I: # of Bolt Holes in Receiver
- J: Receiver Height
- K: Hole Center to Back Receiver
- L: Ball Housing Thickness

ARTICULATION IMPLEMENT HITCHES – STANDARD MOUNT

CATEGORY	PART NUMBER	DRAW PIN SIZE	BALL HOUSING DIA	RECEIVER WIDTH	DRAW PIN TO HOLE MTG	OVERALL LENGTH	HEIGHT (FOR DRAWBAR STRAP)	BOLT HOLE SIZE	BOLT HOLE DISTANCE	# OF BOLT HOLES IN RECEIVER	RECEIVER HEIGHT	HOLE CENTER TO BACK RECEIVER	BALL HOUSING THICKNESS	WEIGHT
 CATEGORY 2	BPF-CAT 3	1-1/4"	5-1/2"	4"	7-1/2"	11"	2-3/4"	1" BOLT	2-1/4"	2	4-1/2"	1-1/4"	2"	31 LBS.
 CATEGORY 3 & 4	BPF-CAT 4	1-1/2" OR 2"	5-1/2"	4"	7-1/4"	11"	2-3/4"	1" BOLT	2-1/4"	2	4-1/2"	1-1/4"	2"	31 LBS.
 CATEGORY 3 & 4	BPF-CAT 4Z	1-1/2" OR 2"	6-3/8"	4"	7-1/2"	11-3/8"	2-3/4"	1" BOLT	2-1/4"	3	6-3/4"	1-1/8"	2"	39 LBS.
 CATEGORY 3 & 4	BPF-CAT 4ZW	1-1/2" OR 2"	6-3/8"	4"	7"	11"	2-3/4"	1-1/4" BOLT	4"	2	6-3/4"	1-1/4"	2"	39 LBS.
 CATEGORY 3 & 4	BPF-CAT 4ZCH	1-1/2" OR 2"	6-3/8"	4-3/4"	7-1/2"	11-3/8"	2-3/4"	1-5/8" BOLT	3"	2	6-3/4"	1-1/4"	2"	40 LBS.
 CATEGORY 3 & 4	BPF-CAT 4B	1-1/2" OR 2"	5-1/2"	6"	7"	11"	2-3/4"	1" BOLT	2"	3	6-3/4"	1-1/4"	2"	37 LBS.
 CATEGORY 3 & 4	BPF-CAT 4CH	1-1/2" OR 2"	5-1/2"	5"	6-1/4"	11"	2-3/4"	1-5/8" BOLT	N/A	1	4-1/2"	2"	2"	32 LBS.

ARTICULATION IMPLEMENT HITCHES - STANDARD MOUNT

CATEGORY	PART NUMBER	DRAW PIN SIZE	BALL HOUSING DIA	RECEIVER WIDTH	DRAW PIN TO HOLE MTG	OVERALL LENGTH	HEIGHT (FOR DRAWBAR STRAP)	BOLT HOLE SIZE	BOLT HOLE DISTANCE	# OF BOLT HOLES IN RECEIVER	RECEIVER HEIGHT	HOLE CENTER TO BACK RECEIVER	BALL HOUSING THICKNESS	WEIGHT
		A	B	C	D	E	F	G	H	I	J	K	L	
CATEGORY 3 & 4 	BPF-CAT 4BW	1-1/2" OR 2"	5-1/2"	4"	7-1/4"	11"	2-3/4"	1" BOLT	3"	2	4-1/2"	1-1/4"	2"	31 LBS.
CATEGORY 3 & 4 	BPF-CAT 4KU	1-1/2" OR 2"	5-1/2"	4"	7"	11"	2-3/4"	2" PIN	N/A	1	4-1/2"	1-3/8"	2"	30 LBS.
CATEGORY 3 & 4 	BPF-CAT 4K	1-1/2" OR 2"	5-1/2"	4"	7-1/4"	11"	2-3/4"	27MM BOLT	2-1/4"	2	4-1/2"	1-1/4"	2"	31 LBS.
CATEGORY 3 & 4 	BPF-CAT 4S	1-1/2" OR 2"	5-1/2"	4"	6"	11"	2-3/4"	2-1/2" WEIGH BAR 1" CROSSPIN	N/A	1	4-1/2"	2-1/4"	2"	29 LBS.
CATEGORY 5 	BPF-CAT 45	2-3/4"	6-3/8"	4"	7-3/8"	11-3/8"	3-3/8"	1" BOLT	2-1/4"	2	6-3/4"	1-1/8"	2"	38 LBS.
CATEGORY 5 	BP-CAT 45CH	2-3/4"	6-5/8"	5"	6-5/8"	12"	3-3/8"	1-5/8" PIN	N/A	1	4-1/2"	2"	2-3/8"	35 LBS.
CATEGORY 5 	BPF-CAT 5	2-3/4"	6-3/8"	4"	7-3/8"	11-3/8"	3-3/8"	1" BOLT	2-1/4"	3	6-3/4"	1-1/4"	2-3/8"	37 LBS.
CATEGORY 5 	BP-CAT 5B	2-3/4"	6-5/8"	6"	7-3/8"	12"	3-3/8"	1" BOLT	2"	3	6-3/4"	1-1/4"	2-3/8"	45 LBS.
CATEGORY 5 	BPF-CAT 5CH	2-3/4"	6-3/8"	4-3/4"	7"	11-3/8"	3-3/8"	1-5/8" BOLT	3"	2	6-3/4"	1-1/4"	2-3/8"	40 LBS.



CHAIN TENSIONERS & IDLERS

CHAIN TENSIONERS & IDLERS

Chain Tensioners & Idlers


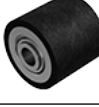










Snugulators

86

IdleMaster

87

CHAIN TENSIONERS & IDLERS – SNUGULATORS®

	PART NUMBER	ANSI CHAIN SIZE	DIAMETER	TOTAL WIDTH	STANDOFF LENGTH	THROUGH HOLE	BEARING
	2075CA	25, 35, 40	2.000	0.750	0.05	5/16"	(1) BGT
	2525-2X	40, 50, 60, 80	2.500	2.240	.045/- .855	5/8"	(2) BGBH
	2555CD1X	40, 50, 60, 80	2.500	2.240	.25	1/2"	(2) BGB
	2755C1X	40, 50	2.750	1.000	.05/.043	1/2"	(1) BGBS
	2755CB2X	40, 50	2.750	1.000	-0.14	5/8"	(1) BGBH
	2755FCB2X	40, 50	2.750	1.000	-0.14	5/8"	(1) BGBH
	2713CB2X	40, 50, 60	2.750	1.345	-0.34	5/8"	(1) BGBH
	2550BE1X	40, 50, 60	3.500	1.375	.180/.092	1/2"	(1) BGA
	2550BE2X	40, 50, 60	3.500	1.375	.180/.092	5/8"	(1) BGA
	2550BE3X	40, 50, 60	3.500	1.375	.180/.092	3/4"	(1) BGA
	2550FBE1X	40, 50, 60	3.500	1.375	.180/.092	1/2"	(1) BGA
	2500BD1X	60, 80, 100	3.500	2.125	.127/- .144	1/2"	(2) BGA
	2500BD2X	60, 80, 100	3.500	2.125	.127/- .144	5/8"	(2) BGA
	2500BD3X	60, 80, 100	3.500	2.125	.127/- .144	3/4"	
	2500BE1X	60, 80, 100	3.500	2.125	.057/.044	1/2"	(2) BGA
	2500FBD2X	60, 80, 100	3.500	2.125	.127/- .144	5/8"	(2) BGA
	2500BSS1X	60, 80, 100	3.500	2.125	.057/0	1/2"	(2) BGA

CHAIN TENSIONERS & IDLERS - IDLEMASTER®

	PART NUMBER	ANSI CHAIN SIZE	DIAMETER	TOTAL WIDTH	STANDOFF LENGTH	THROUGH HOLE	BEARING
	2662BDE1X	60-2	3.236	1.865	.511/.560	1/2"	(2) BGA
	2662BDE2X	60-2	3.236	1.865	.511/.560	5/8"	(2) BGA
	2662BDE3X	60-2	3.236	1.865	.511/.560	3/4"	(2) BGA
	28100-2B3X	100	4.950	1.625	.105/.130	3/4"	(2) BGA
	28100B3X	100	3.513	1.625	0.04	3/4"	(2) BGA
	28120B3X	120	4.950	1.625	.130/.105	3/4"	(2) BGA
	2856BE1X	50 OR 60	3.450	1.550	0.04	1/2"	(1) BGA
	2856BE2X	50 OR 60	3.450	1.550	0.04	5/8"	(1) BGA
	2856BE3X	50 OR 60	3.450	1.550	0.04	3/4"	(1) BGA
	28684B2X	60 OR 80	3.950	1.750	.04/.068	5/8"	(2) BGA
	2868B2X	60 OR 80	3.236	1.625	.09/.126	5/8"	(2) BGA
	2868B3X	60 OR 80	3.236	1.625	.09/.126	3/4"	(2) BGA
	2868BD2X	60 OR 80	3.236	1.625	126/.358	5/8"	(2) BGA
	2868BD3X	60 OR 80	3.236	1.625	126/.358	3/4"	(2) BGA
	2868BDE2X	60 OR 80	3.236	1.625	.293/.358	5/8"	(2) BGA
	2868BDE3X	60 OR 80	3.236	1.625	.293/.358	3/4"	(2) BGA
	2868F4B3X	60 OR 80	3.950	1.750	.068/.040	3/4"	(2) BGA
	2868F4BD2X	60 OR 80	3.950	1.750	.336/.040	5/8"	(2) BGA
	2868FB2X	60 OR 80	3.450	1.750	.04/.068	5/8"	(2) BGA
	2868FB3X	60 OR 80	3.450	1.750	.04/.068	3/4"	(2) BGA
	2868FBD2X	60 OR 80	3.450	1.750	.04/.336	5/8"	(2) BGA
	2868FBD3X	60 OR 80	3.450	1.750	.04/.336	3/4"	(2) BGA
	2868FBDE3X	60 OR 80	3.450	1.750	.230/.336	3/4"	(2) BGA
	2882TBD3X	80-2	3.236	2.375	0.0/-0.272	3/4"	(2) BGA
	2885B3	80	8.450	1.250	0.015/-0.005	3/4"	(2) BGA
	W56851SASSY	80	8.450	1.250	N/A	1-7/16"	(1) BGLH

IDLEMASTER®




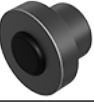
ACCESSORIES

ACCESSORIES

Accessories

Dust Caps	92
Scrapers	92
Flange Protectors	92




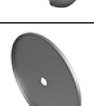
ACCESSORIES - DUST CAPS

	PART NUMBER	APPLICATION	USED IN CONJUNCTION WITH
	DC150	SUPPLIED ON CONE ROLLER ASSEMBLIES	R25CN, R25SNR, R25SN, R25TN, R25TXN, R5FBRS, R25WN SERIES CONE ROLLERS
	DC203 <i>R41NSDBB2 SHOWN WITH DC203 INSTALLED</i>	ADDITIONAL BEARING PROTECTION FROM SOIL COMPACTION	R41N, R51N, R61N SERIES ROLLERS

ACCESSORIES - SCRAPERS

	PART NUMBER	APPLICATION	USED IN CONJUNCTION WITH
	3024TL	LEFT HAND SCRAPER	ROLLERS UP TO 4-1/2" DIAMETER AND A P2 SUFFIX
	3023TL	RIGHT HAND SCRAPER	ROLLERS UP TO 4-1/2" DIAMETER AND A P2 SUFFIX
	3024LT	LEFT HAND SCRAPER	ROLLERS WITH A 6-1/2" DIAMETER AND A P2 SUFFIX
	3023TL	RIGHT HAND SCRAPER	ROLLERS WITH A 6-1/2" DIAMETER AND A P2 SUFFIX

ACCESSORIES - FLANGE PROTECTORS

	PART NUMBER	APPLICATION	USED IN CONJUNCTION WITH
	FP5-1	PROTECTION FROM DEBRIS PACKING BETWEEN FRAME & ROLLER FLANGE	R5FBRRCU1 AND R55FBRRCU1 ROLLERS
	FP5-2	PROTECTION FROM DEBRIS PACKING BETWEEN FRAME & ROLLER FLANGE	R5FBRRCU2 AND R55FBRRCU2 ROLLERS
	FP6-2	PROTECTION FROM DEBRIS PACKING BETWEEN FRAME & ROLLER FLANGE	R6FBRRU2, R6F4BRRU2, R6F5BRRU2 ROLLERS
	FP8-2	PROTECTION FROM DEBRIS PACKING BETWEEN FRAME & ROLLER FLANGE	R8FBRRU2, R8F4BRRU2, R8F5BRRU2 ROLLERS

TEROG
MANUFACTURING



For our most complete and up-to-date product offerings, please visit our mobile-friendly site, blackaceparts.com.

Distributed by:

