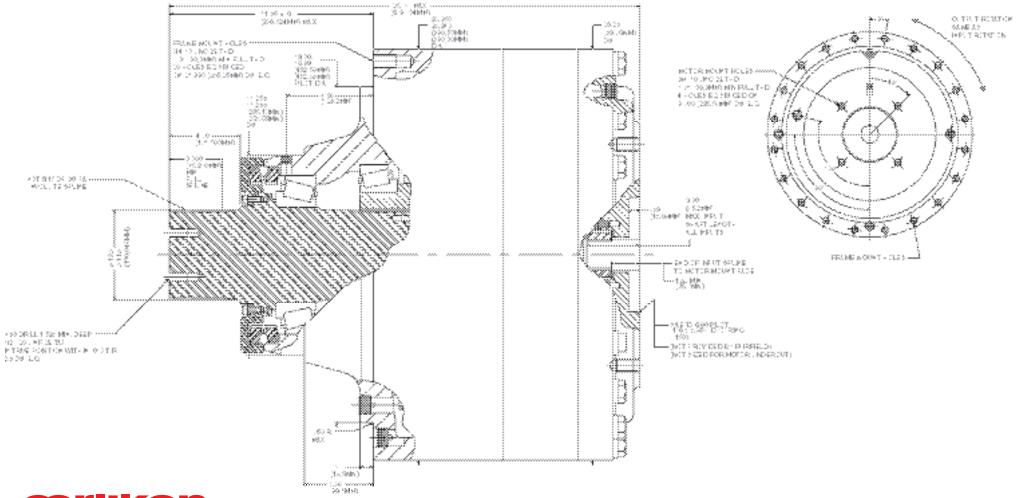
50 Series S50A1 Application Sheet





Cerlikon fairfield

Catalog prints are representative of the units. Before final design request a certified print from Fairfield. OTHER MODELS ALSO AVAILABLE FAIRFIELD BRAKE AVAILABLE

Torque-Hub[®] 50 Series

S50A1

Fairfield Manufacturing Company, Inc. First in Custom Gears and Drive Systems

www.fairfieldmfg.com

Continuous											rve				
Sommuous	Intermittent	Peak				gear lube w	ith EP additiv	е	32,000					T	
0.000 lb-in	1,000,000 lb-in		on most a	pplicatio	ons.				31,000	++++	+++	+++	+++	╂┼┼┼	$\left \right $
1,667 lb-ft	83,333 lb-ft	Contact Fairfield							30,000	++++	┼┼┼┏┥	+++-	┝╋┝	+++	
6,453 Nm	112,906 Nm		Approxin	nate Vol	lume 500 d	z. (15.63 gu	uarts)		29,000	† ++++		+++		+++	}
760 kg-m	11,520 kg-m					(1-			- 28,000	+++++	⊢∦⊢	+++	$\left \right \left \right $	↓ ↓↓	
r ultimata tarqua c	and horoonowor consoition	contact a Tarqua Llub®							₽ 27,000	++++	/	+++	++++	+++	
or ultimate torque and horsepower capacities, contact a Torque-Hub® epresentative.			Note: Oil le	evel and ty	ype will vary v	vith specific m	odel and applica	tion.	26,000	++++	-1	+++	$\left \right $	1 + +	
peed Limi	tations		Condit	ions d	of Beari	ng Curv	е		(12),000 27,000 26,000 125,000 24,000	++++		+++	3000 HOU	■ RS @ 100	
ut Speed: 2.0	00 RPM Maximum Inte	ormittont							24,000	++++	/	+++	++++	+++	
but Speed. 5,0		ennilleni	Life = 3,000) hours l	B-10				u 23,000	++++	4	+++	++++	}	
			Speed = 10	0 RPM	output				22,000	╡┤┤╏	++++	+++	┼┼┟┼	↓ ↓↓	
ontact Fairfield for	specific speed and horsep	ower information.)							23,000 22,000 21,000	ŧН И	++++	+++		<u> </u>	
Veight			To adjust fo	r loads a	and speeds	other than	shown on cur	ve:	₹ 20,000	± /	++++	+++		$\left \right \right $	
	1,460 lbs (662kg)		-			100 RPM	V Load (Curve) 10/3	19,000	±//	++++	+++	\square	<u> </u>	
pproximatery	1,400 IDS (002kg)		Adjusted L	ife (hrs)	= 3,000	Speed (Adjuste	$\overline{e}d$ x $\left(\frac{\text{Load (0)}}{\text{Load (Add)}}\right)$	djusted)	18,000	.≇4		╧╢╧	— — маз	. BEARING	L I I ∋ LIFE LIN
									17,000	<u>+</u>	\square	⊥∥ -	— – • НИВ	MOUNTIN	G FLAN
lote: Specific mod	els will change weights.								16,000	1.1.1.1.1					اساسا
S50A2 Mod	lel Formula		S 5	0	A 25	5	40 R	V		2425	= <u>0</u> ~ «	10-10-	400-	0-94	24.5
			- 3 0	U F	4 Z J	Ð	40 K	V		DIS			B MOUN	ING FA	CE (in
					1 1	1	1 1								
S – Torque-Hu	ıb [®] Shaft Output							<u> </u>					ires		_
5 – Torque-Hu	ıb® Shaft Output		_								pecial	Featu	ires		_
	ıb®Shaft Output										pecial	Featu	ires		_
0 – Series		Hub									pecial /- Vitor	Featu Seals	ires		_
0 – Series Shaft		Hub									pecial /- Vitor Spee	Featu Seals			rier
0 – Series	ation Hub Flange	Hub Flange B.C.								S	pecial /- Vitor Spee	Featu Seals	atures		rier
0 – Series Shaft Configura	ation Hub Flange Thickness	Flange B.C.						_	Redu	ction	pecial /- Vitor Spee	Featu Seals	atures		rier
50 – Series Shaft	ation Hub Flange Thickness way No Flange							_	25 – 2	ction 4.95:1	pecial /- Vitor Spee	Featu Seals	atures		rier
0 – Series Shaft Configura A1 1-1/2" Key	ation Hub Flange Thickness way No Flange	Flange B.C. (20) 3/4-10 Holes 21.900 B.C. (20) 3/4-10 Holes						_	25 - 2 40 - 3	ction 4.95:1 9.71:1	Special - Vitor - Spec R – F	Featu Seals cial Fe Redesig	atures		rier
0 – Series Shaft Configura 5.125" Key 5.125" Dia	ation Hub Flange Thickness way No Flange a. No Flange	Flange B.C. (20) 3/4-10 Holes 21.900 B.C.						_	25 - 2 40 - 3	ction 4.95:1	Special - Vitor - Spec R – F	Featu Seals cial Fe Redesig	atures		rier
0 – Series Shaft Configura 5.125" Dia A2 5.125" Dia 40T, 8/16	ation Hub Flange Thickness way No Flange a. No Flange	Flange B.C. (20) 3/4-10 Holes 21.900 B.C. (20) 3/4-10 Holes 21.900 B.C.							25 - 2 40 - 3	ction 4.95:1 9.71:1	Special - Vitor - Spec R – F	Featu Seals cial Fe Redesig	atures		rier
0 – Series Shaft Configura 5.125" Dia A2 5.125" Dia 40T, 8/16	Ation Hub Flange Thickness way No Flange a. No Flange Spline	Flange B.C. (20) 3/4-10 Holes 21.900 B.C. (20) 3/4-10 Holes 21.900 B.C.						ut Spindle	25 - 2 40 - 3 94 - 9 Side	ction 4.95:1 9.71:1	Special - Vitor - Spec R – F	Featu Seals cial Fe Redesig	atures		rier
0 – Series Shaft Configura A1 1-1/2" Key 5.125" Dia 40T, 8/16 Note: Other models a	Ation Hub Flange Thickness way No Flange a. No Flange Spline vailable, please contact Fairfield	Flange B.C. (20) 3/4-10 Holes 21.900 B.C. (20) 3/4-10 Holes 21.900 B.C. d.						ut Spindle 13T, 8/16 Sp	25 - 2 40 - 3 94 - 9 Side	ction 4.95:1 9.71:1	Special - Vitor - Spec R – F	Featu Seals cial Fe Redesig	atures		rier
50 – Series Shaft Configura A1 1-1/2" Key 5.125" Dia 40T, 8/16 Note: Other models ar	Ation Hub Flange Thickness way No Flange a. No Flange Spline vailable, please contact Fairfiel	Flange B.C. (20) 3/4-10 Holes 21.900 B.C. (20) 3/4-10 Holes 21.900 B.C. d.		or Mour		002) Pilot 4	5		25 - 2 40 - 3 94 - 9 Side	ction 4.95:1 9.71:1	Special - Vitor - Spec R – F	Featu Seals cial Fe Redesig	atures		rier

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