INTRODUCING

F315 Universal Joints

Designed for high-horsepower hydraulic fracturing applications

An economical solution to meet the demands of greener, next generation fracking processes

Ameridrives engineers have developed a new U-joint based on the proven design of the popular Ameridrives U3315 model. The economical shaft, with a peak torque rating of 1,100,000 lb.in., can handle the environmentally-friendly, higher horsepower diesel engine and gas turbine drives being utilized on newer trailer-mounted pump packages.

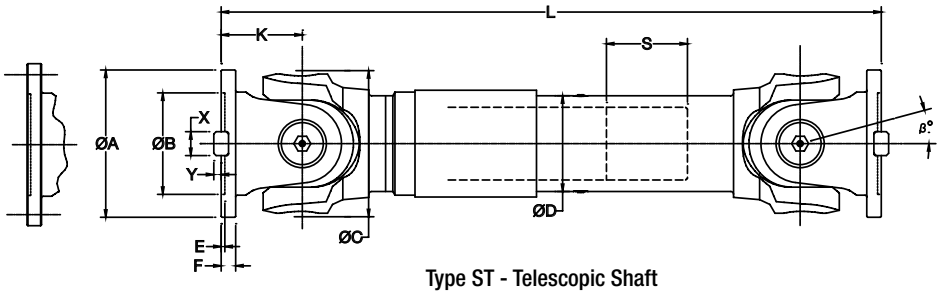
- Increased torque ratings vs. J Series models
- Smaller swing diameter vs. comparable J Series models
- Conventional closed eye design
- One-piece yokes
- 315/350mm DIN style flanges available
- All shafts dynamically balanced
- Manufactured in the heart of Oil & Gas Country. Our facility in San Marcos, Texas, is ideally located to serve the industry.
- Faster response compared to off-shore competitors
- Optional add-on companion flanges

The Ameridrives team of highly experienced application and U-joint engineers is always available to design a modified solution to meet specific customer requirements.

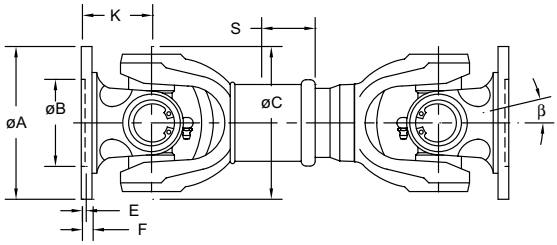
MADE IN THE USA

AMERIDRIVES™
A REGAL REXNORD BRAND

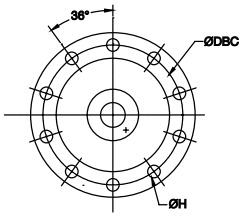
MODEL F315 UNIVERSAL JOINTS



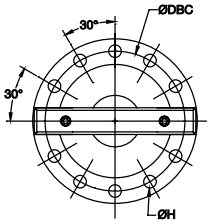
Type ST - Telescopic Shaft



Type SC - Short Coupled Shaft



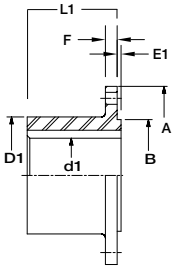
10 Bolt Flange Design



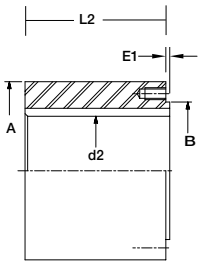
10 Bolt Flange Design with Face Key

Size	F315			
Torque Ratings				
	Lb. Ft.		Nm	
Tdw	550,000		53,670	
Tk	1,100,000		93,036	
BL	507,400		57,300	
Dimensional Data				
ß	15°			
	inch	mm	inch	mm
A	12.4	315	13.78	350
B	5.12	130	8.66	220
C	12.4	315	12.4	315
D	8.75	222	8.75	222
E	0.31	8	0.31	8
F	1.26	32	0.98	25
K	7.09	180	7.09	180
DBC	11.02	280	12.2	310
Bolt Qty.	10	10	10	10
H	0.91	23	0.87	22
X	1.57	40	—	—
Y	0.59	15.00	—	—
Minimum Length				
	inch		mm	
ST	47.75		1212	
S (ST)	5.51		140	
SC	39.00		990	
S (SC)	3.00		76	

F315 COMPANION FLANGES



Design 1 (SF)



Design 2 (SLF)

Size	F315			
	inch	mm	inch	mm
A	12.40	315.0	13.78	350.0
B	5.12	130.0	8.66	220.0
E1	0.24	6.0	0.28	7.0
F	1.26	32.0	1.38	35.0
L1	8.07	205.0	9.06	230.0
D1	9.65	245.0	10.83	275.0
d1	6.46	164.0	7.24	184.0
L2	10.24	260.0	11.22	285.0
d2	8.27	210.0	8.98	228.0

AMERIDRIVES™
A REGAL REXNORD BRAND

www.ameridrives.com

1802 Pittsburgh Avenue
Erie, PA 16502 - USA
814-480-5000