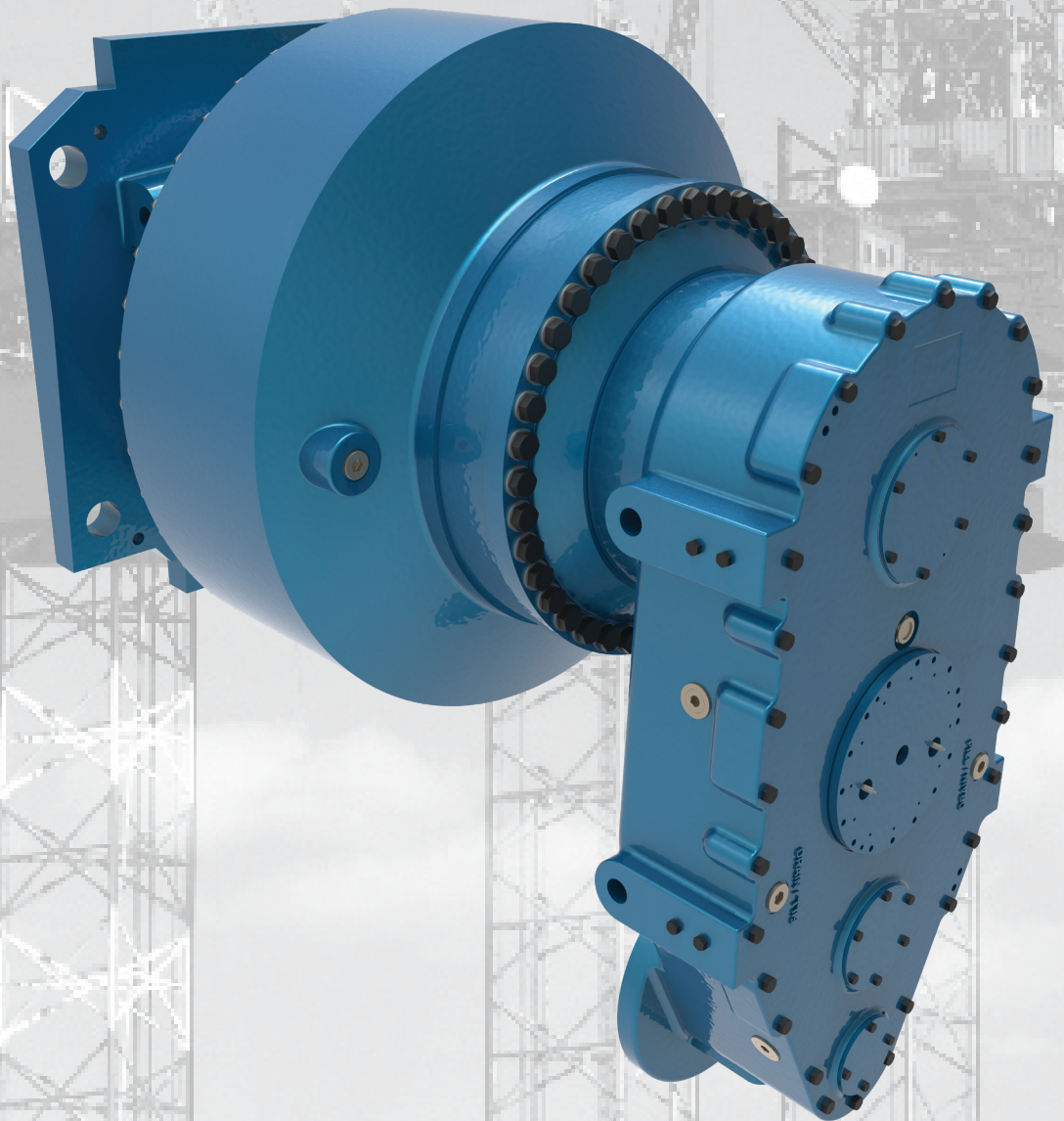




**FAIRFIELD®**

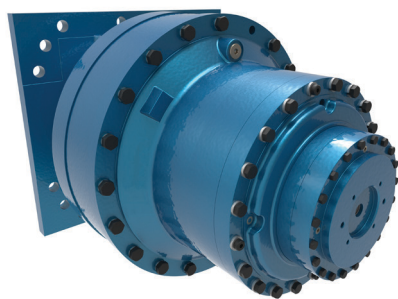
*Custom Gears and Drives*

# Offshore Drive Solutions Jacking Drives





Drive systems you can rely on from the leader in offshore drive solutions.



Jacking System Drives

Dana offers a wide range of drive solutions that serve a variety of offshore applications.

- Jacking system drives for workboats and offshore platforms
- Swing drives for cranes and boom rotation
- Winch and hoist drives
- Custom-designed drives for unique offshore applications
- Products certified by the American Bureau of Shipping (ABS) and Det Norske Veritas (DNV)





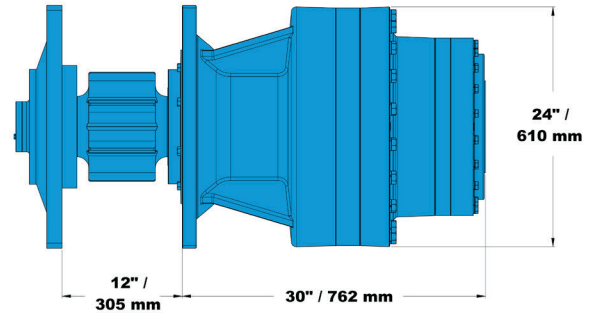
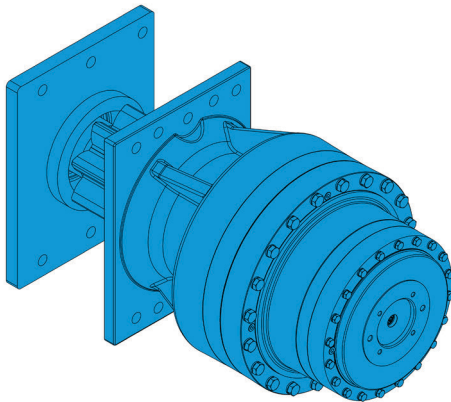


Photo Credit: GustoMSC

With more than 30 years of experience in the industry, we have the engineering, design, and application expertise to ensure your equipment is powered with precisely the right drive system—built to deliver the smooth, reliable performance that gives you a strong competitive edge.

## Jacking System Drives

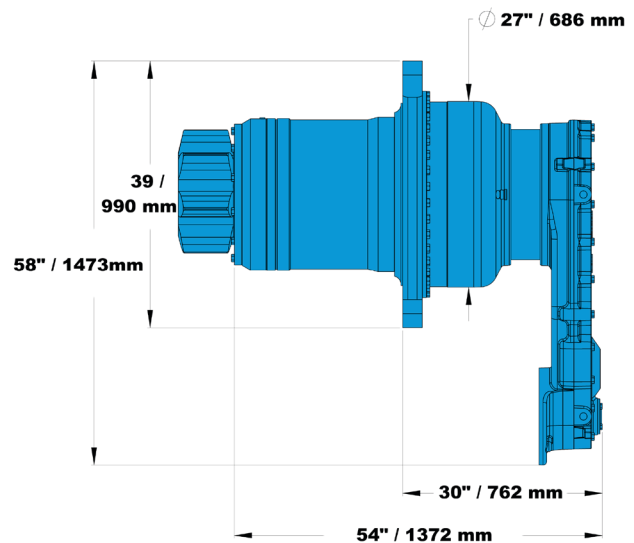
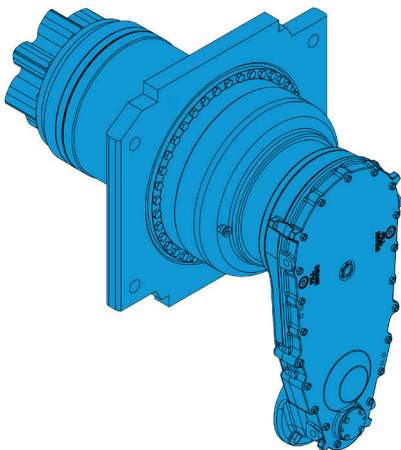
Our complete line of jacking system drive products are designed to meet the specialized needs and requirements of your specific applications and can be driven by electric or hydraulic motors. Features such as customized input configurations, output configurations, and specific ratios suited to your application make working with us the easiest part of your project. Our application and design engineering team works as your engineering department devoted to providing you with the best solution for your vessel. High quality, precision gearing ensures smooth jacking and reliability you can count on in the most demanding applications. Contact one of our specialists today and learn more about how you can put our jacking drive systems to work for you on your next offshore project.



## S60A Jacking System Drive

Note: Pinion load ratings assume pitch radius of 4.5"

Max. Jacking (in-lb)	Short Ton (ST)	KIPS	Max. Holding (in-lb)	Short Ton (ST)	KIPS	Storm Holding (in-lb)	Short Ton (ST)	KIPS	Ratio	Design Temp
732,000	81.03	163	860,000	95.6	191	1,100,000	122.2	244	374:1 (Other Ratios Available)	-20°C



## S130 Jacking System Drive

Note: Pinion load ratings assume pitch radius of 7.5"

Max. Jacking (in-lb)	Short Ton (ST)	KIPS	Max. Holding (in-lb)	Short Ton (ST)	KIPS	Storm Holding (in-lb)	Short Ton (ST)	KIPS	Ratio	Design Temp
1,300,000	87	173	2,330,000	155	311	3,100,000	207	413	2,000:1 to 5,000:1	-20°C

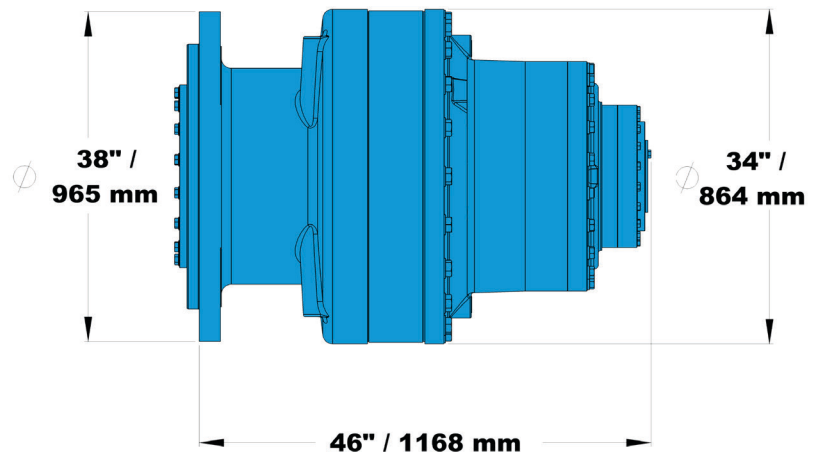
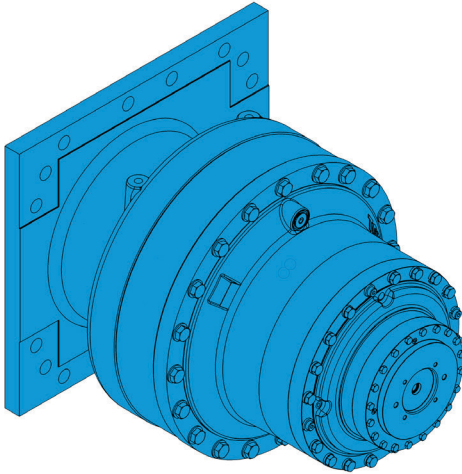
Reference for all Jacking Systems:

S. Ton Rating = in.lb. / (pinion PRx2000)

Kips = (short ton x 2000) / 1000

Pinion spline interface to customer specifications

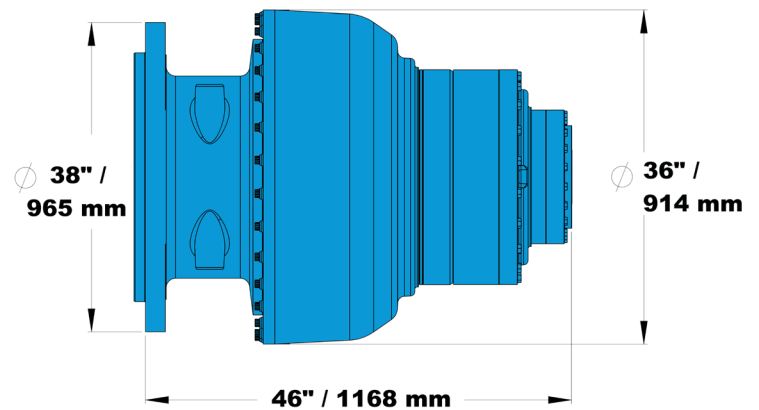
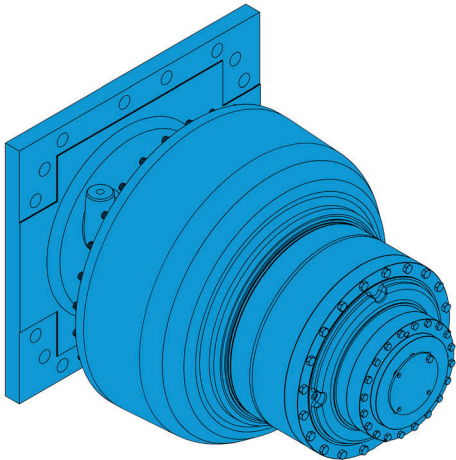
# Jacking System Drives



## S350 Jacking System Drive

Note: Pinion load ratings assume pitch radius of 10.29"

Max. Jacking (in-lb)	Short Ton (ST)	KIPS	Max. Holding (in-lb)	Short Ton (ST)	KIPS	Storm Holding (in-lb)	Short Ton (ST)	KIPS	Ratio	Design Temp
3,492,000	170	340	4,176,000	203	406	5,580,000	271	542	1,736:1 (Other Ratios Available)	-20°C



## S500 Jacking System Drive

Note: Pinion load ratings assume pitch radius of 11.02"

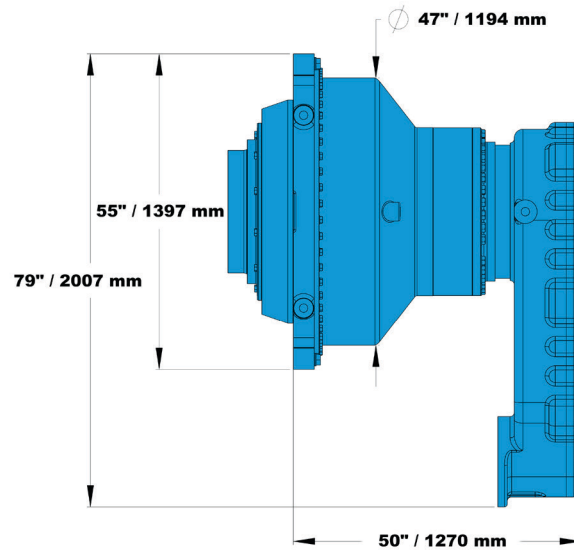
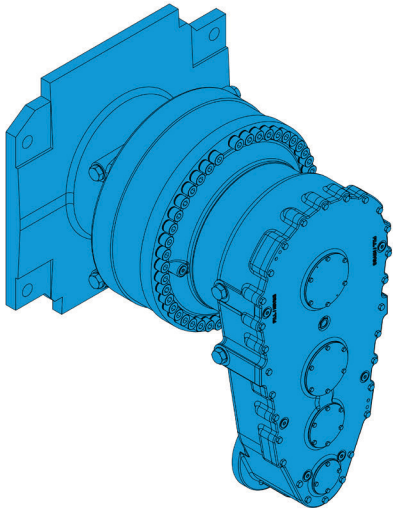
Max. Jacking (in-lb)	Short Ton (ST)	KIPS	Max. Holding (in-lb)	Short Ton (ST)	KIPS	Storm Holding (in-lb)	Short Ton (ST)	KIPS	Ratio	Design Temp
4,425,000	201	402	5,310,000	241	482	6,195,000	281	562	98:1 (Other Ratios Available)	-20°C

Reference for all Jacking Systems:

S. Ton Rating = in.lb. / (pinion PRx2000)

Kips = (short ton x 2000) / 1000

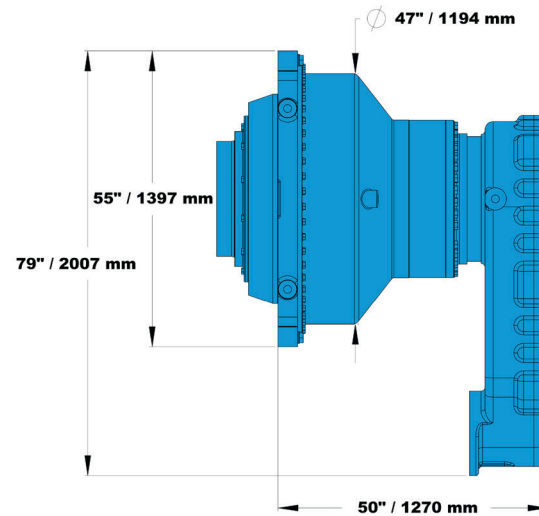
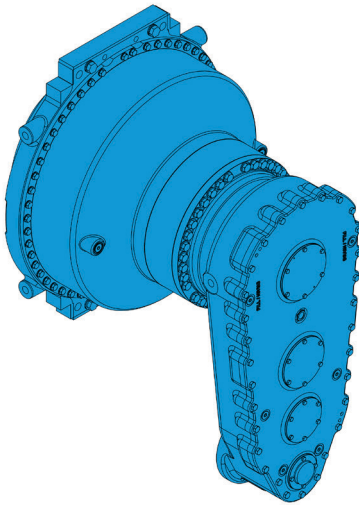
Pinion spline interface to customer specifications



## S650 Jacking System Drive

Note: Pinion load ratings assume pitch radius of 12"

Max. Jacking (in-lb)	Short Ton (ST)	KIPS	Max. Holding (in-lb)	Short Ton (ST)	KIPS	Storm Holding (in-lb)	Short Ton (ST)	KIPS	Ratio	Design Temp
6,000,000	250	500	9,000,000	375	750	12,000,000	500	1,000	2,000:1 to 5,000:1	-20°C



## S1000 Jacking System Drive

Note: Pinion load ratings assume pitch radius of 14"

Max. Jacking (in-lb)	Short Ton (ST)	KIPS	Max. Holding (in-lb)	Short Ton (ST)	KIPS	Storm Holding (in-lb)	Short Ton (ST)	KIPS	Ratio	Design Temp
9,500,000	339	679	12,000,000	429	857	16,000,000	571	1,143	3,000:1 to 7,500:1	-20°C

Reference for all Jacking Systems:

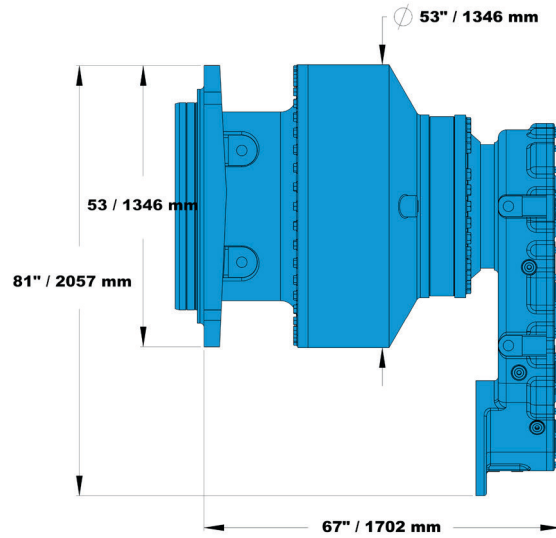
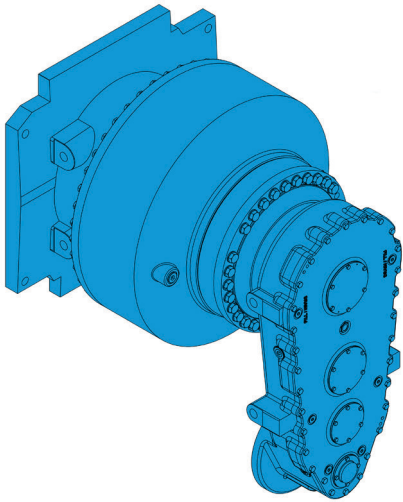
S. Ton Rating = in.lb. / (pinion PRx2000)

Kips = (short ton x 2000) / 1000

Pinion spline interface to customer specifications



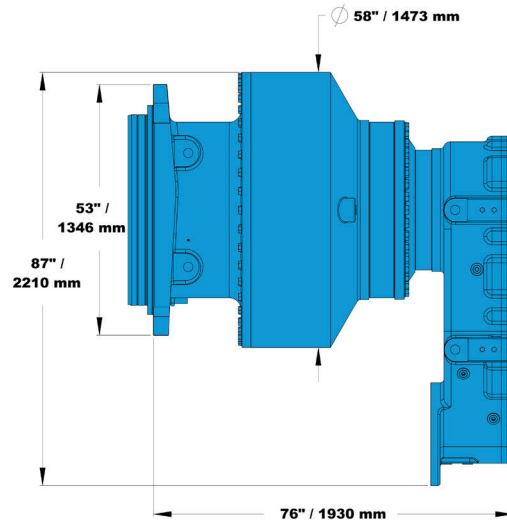
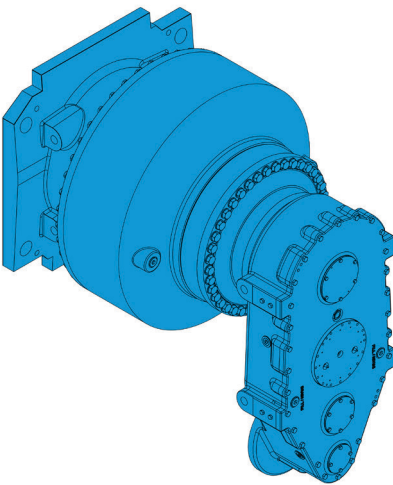
# Jacking System Drives



## S1500 Jacking System Drive

Note: Pinion load ratings assume pitch radius of 15"

Max. Jacking (in-lb)	Short Ton (ST)	KIPS	Max. Holding (in-lb)	Short Ton (ST)	KIPS	Storm Holding (in-lb)	Short Ton (ST)	KIPS	Ratio	Design Temp
15,500,000	517	1033	18,600,000	620	1,240	24,800,000	827	1,653	3,500:1 to 8,000:1	-20°C



## S2000 Jacking System Drive

Note: Pinion load ratings assume pitch radius of 15"

Max. Jacking (in-lb)	Short Ton (ST)	KIPS	Max. Holding (in-lb)	Short Ton (ST)	KIPS	Storm Holding (in-lb)	Short Ton (ST)	KIPS	Ratio	Design Temp
20,000,000	667	1,333	24,000,000	800	1,600	27,000,000	900	1,800	3,500:1 to 8,000:1	-20°C

Reference for all Jacking Systems:

S. Ton Rating = in.lb. / (pinion PRx2000)

Kips = (short ton x 2000) / 1000

Pinion spline interface to customer specifications



**NFPA**  
Solutions through motion technology  
MEMBER

[Dana.com/GrazianoFairfield](http://Dana.com/GrazianoFairfield)

Dana Incorporated  
Off-Highway Drive and Motion Technologies  
2400 Sagamore Parkway South  
P.O. Box 7940  
Lafayette, Indiana 47903 USA  
Office: +1-765-772-4000



***FAIRFIELD***<sup>®</sup>

*Custom Gears and Drives*