

## SERIES 9000 ADS DIESEL DRIVESHAFTS

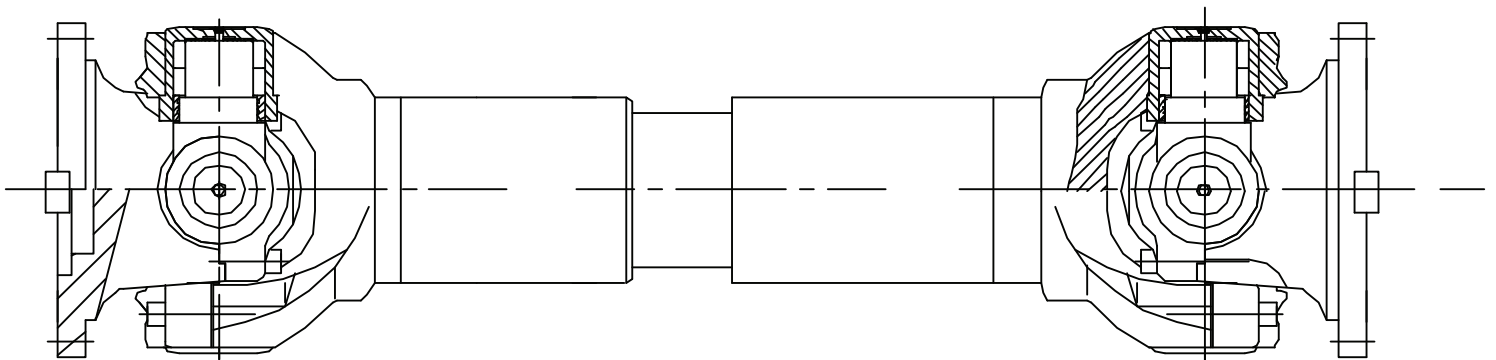
### PRODUCT FEATURES

AMERIFLO ADS series driveshafts were developed on the basis of more than thirty years of professional manufacturing experience. It's a competitive driveshaft product line for Commercial & Industrial process pumps and other medium or low speed rotating machinery. Based on a higher degree of standardization, this series of products are manufactured in batch production mode and have the advantages of cost performance and delivery competitiveness.

- Flexible components are made of high strength carbon steel
- Excellent comprehensive performance based on finite element analysis and contour profile optimization
- Metric standard fasteners used

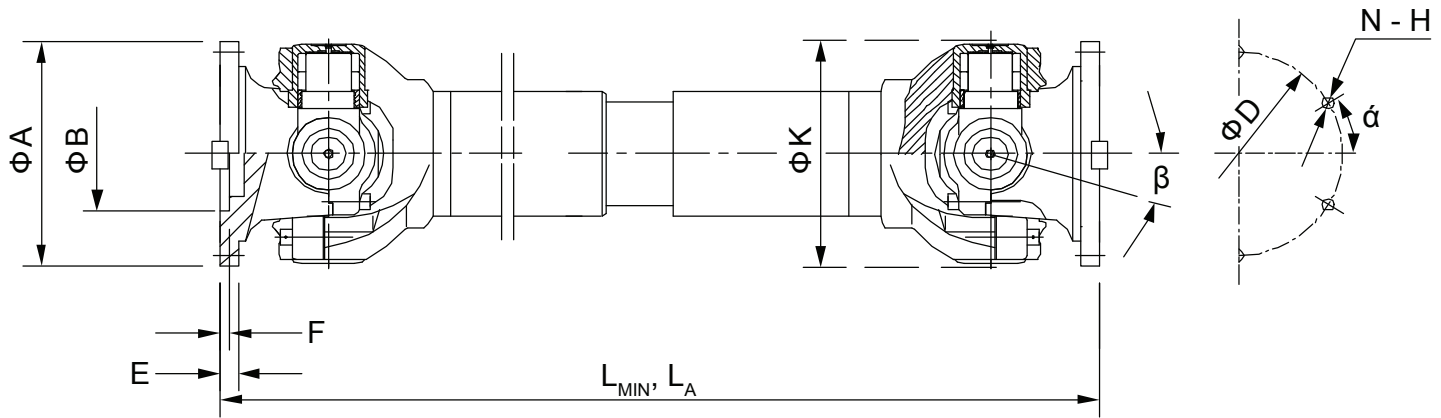
### RECOMMENDED APPLICATIONS

AMERIFLO ADS series driveshafts are recommended for Diesel engine applications for Commercial & Industrial fire protection markets.



**—AMERIFLO—**  
**ADS DRIVESHAFT ENGINEERING DETAILS**

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 DATE **APRIL 2021**



DRIVESHAFT MODEL	ADS100	ADS120	ADS150	ADS180	ADS225
FUNCTIONAL TORQUE LIMIT	1,844 [2,500]	3,688 [5,000]	7,376 [10,000]	25,077 [34,000]	41,303 [56,000]
DYNAMIC TORQUE CAPACITY	922 [1,250]	1,844 [2,500]	3,688 [5,000]	12,539 [17,000]	20,652 [28,000]
A	3.938 [100]	4.750 [120]	5.938 [150]	7.000 [180]	8.875 [225]
$\beta$	$\leq 25^\circ$	$\leq 25^\circ$	$\leq 25^\circ$	$\leq 15^\circ$	$\leq 15^\circ$
B	2.250 [57]	2.938 [75]	3.500 [90]	4.313 [110]	5.500 [140]
E	0.250 [7]	0.313 [8]	0.375 [10]	0.625 [17]	0.750 [20]
F	0.01 [2.5]	0.01 [2.5]	0.125 [3]	0.125 [3]	0.250 [6]
K	3.938 [100]	4.750 [120]	5.938 [150]	7.000 [180]	8.875 [225]
D	3.313 [84]	4.000 [101.5]	5.125 [130]	6.125 [155.5]	7.750 [196]
$\alpha$	$15^\circ$	$0^\circ$	$0^\circ$	$0^\circ$	$0^\circ$
N - H	6 - 0.313 [9]	8 - 0.413 [11]	8 - 0.500 [13]	8 - 0.625 [17]	8 - 0.625 [17]
LA LENGTH COMPENSATION	2.000 [50]	2.000 [50]	2.000 [50]	2.000 [50]	2.000 [50]
LZ MINIMUM COMPRESSED LENGTH	13.750 [350]	15.750 [400]	15.750 [400]	21.250 [540]	23.625 [600]

● ALL TORQUE VALUES ARE IN LB-FT [N-M]. ALL OTHER DIMENSIONS ARE IN INCHES [MM] AND MAY VARY  $\pm 0.375$  INCHES.