

Twin Disc - AP Style

Standard Power Take-Offs

with **14" HD** Clutches

Foley Engines

Shipping Address:
200 Summer Street

Worcester, MA 01604

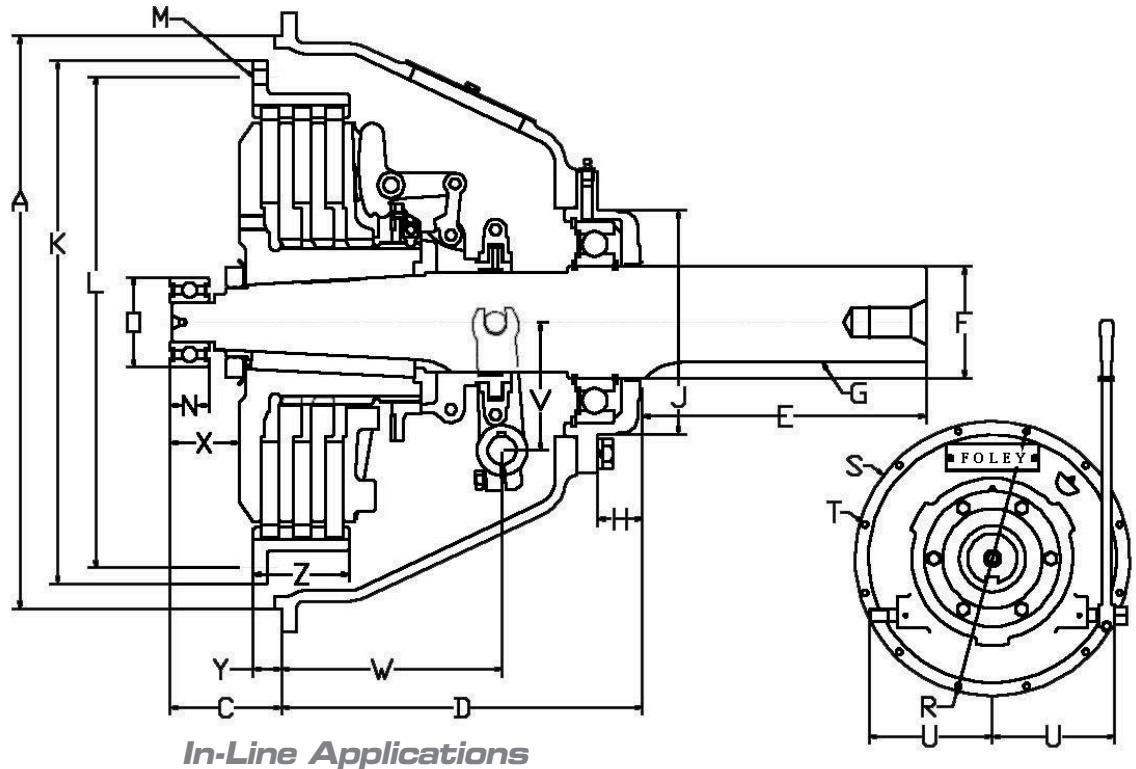
Phone:
(508) 753-2979
(800) 233-6539

Fax:
+1 (508) 831-7133

Email:
info@foleyengines.com

<https://www.foleyengines.com>

Manufacturers names, symbols and numbers are for reference purposes only and do not imply manufacturing origin.



In-Line Applications

PTO Part Number	Ball or Tapered Roller Bearing Type	Max RPM	Model			Application (in-line or side load)	Type of Facing	Type Release Bearing	Clutch Torque Capacity lb. Ft. *	A	C	D	Shaft			
			SAE Hsg Size	Clutch Size	Qty of Facings								E Length	F Dia +.000-.001	G Keyway	H
419061FO	Ball	2200	1	14	1	In-Line	Organic	Bronze	1050	20.125	3.94	12.12	8.50	3.000	3/4 x 3/8	3.75
427464FO	Ball	2200	1	14	1	In-Line	Feramic	Bronze	1345	20.125	3.94	12.12	8.50	3.000	3/4 x 3/8	3.75
437460FO	Ball	2200	1	14	1	In-Line	Organic	Ball	1050	20.125	3.94	12.12	8.50	3.000	3/4 x 3/8	3.75
435469FO	Ball	2200	1	14	2	In-Line	Organic	Bronze	2100	20.125	3.94	13.50	10.00	3.500	7/8 x 7/16	3.75
435513FO	Ball	2200	1	14	2	In-Line	Feramic	Bronze	2690	20.125	3.94	13.50	10.00	3.500	7/8 x 7/16	3.75
437470FO	Ball	2200	1	14	2	In-Line	Organic	Ball	2100	20.125	3.94	13.50	10.00	3.500	7/8 x 7/16	3.75
435673FO	Ball	2200	1	14	3	In-Line	Organic	Bronze	3150	20.125	3.94	12.69	10.00	3.938	1 x 1/2	1.56
435726FO	Ball	2200	1	14	3	In-Line	Feramic	Bronze	4035	20.125	3.94	12.69	10.00	3.938	1 x 1/2	1.56
437480FO	Ball	2200	1	14	3	In-Line	Organic	Ball	3150	20.125	3.94	12.69	10.00	3.938	1 x 1/2	1.56
435470FO	Ball	2200	1	14	3	In-Line	Organic	Bronze	3150	20.125	3.94	12.69	10.00	3.938	1 x 1/2	1.56
435514FO	Ball	2200	1	14	3	In-Line	Feramic	Bronze	4035	20.125	3.94	12.69	10.00	3.938	1 x 1/2	1.56
437475FO	Ball	2200	1	14	3	In-Line	Organic	Ball	3150	20.125	3.94	12.69	10.00	3.938	1 x 1/2	1.56

PTO Part Number	J	K	L	M (holes)		N	O See Note**	R	S	T (holes)		U	V	W	X	Y	Z
				Qty	Dia					Qty	Dia						
419061FO	6.75	18.375	17.250	8	.531	0.8268	3.1496	20.875	21.75	12	.469	9.75	4.00	6.00	2.19	1.00	1.12
427464FO	6.75	18.375	17.250	8	.531	0.8268	3.1496	20.875	21.75	12	.469	9.75	4.00	6.00	2.19	1.00	1.12
437460FO	6.75	18.375	17.250	8	.531	0.8268	3.1496	20.875	21.75	12	.469	9.75	4.00	6.00	2.19	1.00	1.12
435469FO	7.62	18.375	17.250	8	.531	1.3750	3.1496	20.875	21.75	12	.469	9.75	4.00	7.00	2.19	1.00	2.38
435513FO	7.62	18.375	17.250	8	.531	1.3750	3.1496	20.875	21.75	12	.469	9.75	4.00	7.00	2.19	1.00	2.38
437470FO	7.62	18.375	17.250	8	.531	1.3750	3.1496	20.875	21.75	12	.469	9.75	4.00	7.00	2.19	1.00	2.38
435673FO	7.87	18.375	17.250	8	.531	1.3750	3.1496	20.875	21.75	12	.469	9.75	4.50	7.75	2.44	1.00	3.38
435726FO	7.87	18.375	17.250	8	.531	1.3750	3.1496	20.875	21.75	12	.469	9.75	4.50	7.75	2.44	1.00	3.38
437480FO	7.87	18.375	17.250	8	.531	1.3750	3.1496	20.875	21.75	12	.469	9.75	4.50	7.75	2.44	1.00	3.38
435470FO	7.87	18.375	17.250	8	.531	1.5625	3.937	20.875	21.75	12	.469	9.75	4.50	7.75	2.44	1.00	3.38
435514FO	7.87	18.375	17.250	8	.531	1.5625	3.937	20.875	21.75	12	.469	9.75	4.50	7.75	2.44	1.00	3.38
437475FO	7.87	18.375	17.250	8	.531	1.5625	3.937	20.875	21.75	12	.469	9.75	4.50	7.75	2.44	1.00	3.38

Required Clutch Torque Capacity Calculation:

Required Clutch Torque = Maximum Engine Torque x Service Factor

Blower or Vacuum

- Centrifugal with free flow of air 1.7
- With high start-up inertia or subject to choking of air supply 4.0

Compressors

- Reciprocating, 1 or 2 cylinders 4.0
- Reciprocating, 3 or more cylinders 2.5
- Roto screw or turbine 2.0

Conveyor

- Fed uniformly 1.5
- Not fed uniformly 2.0
- Reciprocating 3.0

Drills 2.0

Generator 2.0

Pump

- Centrifugal or turbine 1.5
- Dredge 2.0
- Mud or reciprocating 3.0

Rock Crusher, Hammer Mill 3.0

Snow Blower 2.0

Wood Chipper, Saw Mill 3.0

Manufacturers names, symbols and numbers are for reference purposes only and do not imply manufacturing origin.