

JIE
JDRIVE

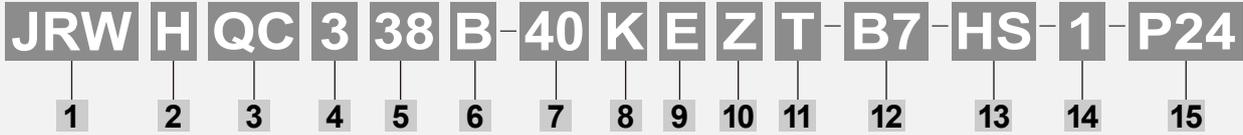


JRW300 Worm Gear Units

JIE Total Drive Solutions Provider

www.jie-drives.com

Model Structure



1

Brand Code
JIE Worm Gear Reducer

2

Output Shaft Style
Blank – Solid Output Shaft
H – JIE Hollow Output (setscrews both sides, bore size selectable)
S – Hollow Output (setscrews one side, bore size fixed)

3

Input Shaft Style
Blank – Solid Projecting Input Shaft
F - Quill Style Motor Flange
RF – Coupling Style Motor Flange
QC – Quick Connect Motor Flange (close coupled)

4

3 – 300 Series

5

Center Distance(inches)
10 – 1.00, **13** – 1.33, **15** – 1.54, **18** – 1.75
21 – 2.06, **24** – 2.38, **26** – 2.62, **30** – 3.00
32 – 3.25, **38** – 3.75, **52** – 5.13, **60** – 6.00

6

Base/Mounting Attachment *
Blank – No Base
A – Horizontal base – Top Mount
B – Horizontal base – Bottom Mount
BRB – Riser Block – Top Mount
C – Vertical High base – Right Mount
D – Vertical Low base – Right Mount
E – Vertical High base – Left Mount
F – Vertical Low base – Left Mount
R – JIE Bracket – Right Mount
L – JIE Bracket – Left Mount
M – Conveyor Flange Adptr – Right Mount
N – Conveyor Flange Adptr – Left Mount
V – Hollow Output Flange – Right Mount
W – Hollow Output Flange – Left Mount
X – Vertical Base – Rear Mount
Y – Vertical Base – Front Mount

*Projection of Base/Flange/Bracket assumes one is always looking into the input shaft in the #1 mounting position.

7

Exact Gear Ratio
Ratio to 1
5, 7, 7.5, 10, 12, 15, 20
25, 30, 40, 50, 60, 80, 100
Or Consult Factory for Availability

8

Lubrication
Blank – No lubrication
K – Klubersynth UH1 6-460
S – Mobil SHC 634
X – Mobil 600W

9

Endcap or Fan
(332-360 only)
E – Endcap (standard)
F – Fan

10

Vent
Blank – Standard Vent
Z - Pressure Vent (5 psi)

11

Oil Seal
Blank – Standard Seal
T – Two Standard Input Seals

12

NEMA Motor Mounting

Bore Code	NEMA Mounting	Input Bore	Keyway
B4	42CZ	.500"	1/8 x 1/16
B5	56C	.625	3/16 x 3/32
B7	140TC/180C	.875	3/16 x 3/32
B9	180TC/210C	1.125	1/4 x 1/8
B11	210TC/250UC	1.375	5/16 x 5/32
B13	250TC	1.625	3/8 x 3/16

Blank - Solid Input Shaft (No Flange)

13

Output Shaft
(When facing Input and worm on top)
G - Carbon Steel Output Projection – Left
H - Carbon Steel Double Output Projection
J - Carbon Steel Output Projection – Right

14

Mounting Positions
Blank - No Lubrication Supplied
For Factory Prelubrication Indicate Mounting Position
1 – Standard Mounting (Worm over)
2-6 – Refer to Mounting Positions

15

JIE Output Bore Code
For H Series Only Specified in 1/16" increments.
Example: 1 1/4" = P20

5/8 – **P10**, 3/4 – **P12**, 7/8 – **P14**, 15/16 – **P15**, 1 – **P16**, 1-1/16 – **P17**, 1-1/8 – **P18**, 1-3/16 – **P19**, 1-1/4 – **P20**
1-5/16 – **P21**, 1-3/8 – **P22**, 1-7/16 – **P23**, 1-1/2 – **P24**, 1-5/8 – **P26**, 1-11/16 – **P27**, 1-3/4 – **P28**, 1-7/8 – **P30**
1-15/16 – **P31**, 2 – **P32**, 2-1/8 – **P34**, 2-3/16 – **P35**, 2-1/4 – **P36**, 2-7/16 – **P39**, 3-7/16 – **P55**

Note: 1. If you need motor, please note "with motor" and the model, power & poles of the motor. 2. Accessories are unassembled. You may assemble them according to your need. 3. Connect JIE for availability by center distance

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers				Flanged Reducers(Gearmotor)								Bore Code	Motors 230/460 VAC 3 Phase 60Hz					
		Gear Capacity		Efficiency	Size	Ratings			Available Stylest											
		Output Torque lb.in.	HP Input Output			Motor HP	Output Torque lb.in.	Service Class	L	OC	FAN	HF	SF			HQC	RF			
350	5	113	0.69	0.63	0.91	310-5	0.5	82	II								B5	FUTF		
							0.33	55	III									B4	AEUTF	
							0.33	55	III										B5	EUTF
							0.25	41	III										B4	ADUTF
							0.25	41	III										B5	DUTF
							0.17	27	III										B4	ACUT
		235	1.39	1.31	0.94	313-5	1	169	II									B5	CUTF	
							0.75	127	III									B5	HUTF-5/8	
		291	1.72	1.62	0.94	315-5	0.5	85	III									B5	GUTF	
							1.5	254	I									B7	FUTF	
							1	169	II									B5	JUTF	
							0.75	127	III									B5	HUTF-5/8	
		432	2.55	2.4	0.94	318-5	2	338	II									B7	KUTF	
							1.5	254	II									B7	JUTF	
		620	3.66	3.44	0.94	321-5	1	169	III									B5	HUTF-5/8	
							2	338	II									B7	KUTF	
		838	4.95	4.65	0.94	324-5	1.5	254	III									B7	JUTF	
							5	838	I									B9	MUTF	
		1034	6.11	5.74	0.94	326-5	3	508	II									B9	LUTF	
							5	846	I									B9	MUTF	
1408	8.32	7.82	0.94	330-5	3	508	III									B9	LUTF			
					5	846	II									B9	MUTF			
1716	10.05	9.54	0.95	332-5	10	1710	I									B11	PUTF			
					5	855	II									B9	MUTF			
2602	15.38	14.45	0.95	338-5	10	1710	II									B11	PUTF			
					5	855	III									B9	MUTF			
250	7	644	2.8	2.56	0.91	321-7	2	460	II								B7	KUTF		
							1.5	345	III									B7	JUTF	
175	10	138	0.44	0.38	0.87	310-10	0.33	104	II								B4	AEUTF		
							0.33	104	II									B5	EUTF	
							0.25	78	III										B4	ADUTF
							0.25	78	III										B5	DUTF
		281	0.86	0.78	0.91	313-10	0.75	245	I									B5	GUTF	
							0.5	163	II									B5	FUTF	
		397	1.2	1.1	0.92	315-10	0.33	109	III									B5	EUTF	
							1	330	I									B5	HUTF-5/8	
		536	1.61	1.49	0.92	318-10	0.75	248	II									B5	GUTF	
							0.5	165	III									B5	FUTF	
		789	2.34	2.19	0.94	321-10	1.5	499	I									B7	JUTF	
							1	333	II									B5	HUTF-5/8	
		1069	3.18	2.97	0.93	324-10	0.75	249	III									B5	GUTF	
							2	674	I									B7	KUTF	
		1345	3.94	3.74	0.95	326-10	1.5	505	II									B7	JUTF	
							1	337	III									B5	HUTF-5/8	
		1787	5.28	4.96	0.94	330-10	3	1008	I									B9	LUT	
							2	672	II									B7	KUTF	
									1.5	504	III								B7	JUTF
									3	1024	II									B9
							2	683	III								B7	KUTF		
							1.5	512	III									B7	JUTF	
							5	1692	I								B9	MUTF		
							3	1015	III									B9	LUTF	
							2	677	III						B7	KUTF				

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers					Flanged Reducers(Gearmotor)							Bore Code	Motors 230/460 VAC 3 Phase 60Hz						
		Gear Capacity			Efficiency	Size	Ratings			Available Stylest											
		Output Torque lb.in.	HP Input Output				Motor HP	Output Torque lb.in.	Service Class	L	OC	FAN	HF			SF	HQC	RF			
175	10	2106	6.22	5.85	0.94	332-10	5	1692	II								B9	MUTF			
							3	1015	III										B9	LUTF	
		2532	7.75	7.03	0.91	332-10F	5	1633	II									B9	MUTF		
							3	980	III										B9	LUTF	
		2834	8.37	7.87	0.94	338-10	7.5	2538	I									B11	NUTF		
							5	1692	II										B9	MUTF	
		3221	9.96	8.94	0.9	338-10F	3	1015	III										B9	LUTF	
							10	3221	I										B11	PUTF	
		5860	17.31	16.27	0.94	352-10	7.5	2425	II										B11	NUTF	
							5	1616	III										B9	LUTF	
		7182	21.63	19.94	0.92	352-10F	15	5076	I										B13	RUTF	
							10	3384	II										B11	PUTF	
		8067	23.83	22.4	0.94	360-10	7.5	2538	III										B11	SUTF	
							20	6640	I										B13	SUTF	
		8658	26.13	24.04	0.92	360-10F	15	4979	II										B13	RUTF	
							10	3319	III										B11	PUTF	
						20	6768	I									B13	SUTF			
						15	5076	II										B13	RUTF		
						10	3384	III									B11	PUTF			
						20	6624	II										B13	SUTF		
						15	4968	III									B13	RUTF			
145.8	12	693	1.76	1.6	0.91	321-12	1.5	590	I								B7	JUTF			
							1	394	III										B7	HUTF	
		984	2.5	2.28	0.91	324-12	2	787	II									B7	KUTF		
							1.5	590	II										B7	JUTF	
						1	394	III									B5	HUTF-5/8			
116.7	15	146	0.33	0.27	0.82	310-15	0.33	146	I									B4	AEUTF		
							0.33	146	I											B5	EUTF
							0.25	111	II											B4	ADUTF
							0.25	111	II											B5	DUTF
							0.17	74	III											B4	ACUT
							0.17	74	III											B5	CUTF
		305	0.66	0.56	0.86	313-15	0.50	231	II										B5	FUTF	
							0.33	154	III										B5	EUTF	
		429	0.91	0.79	0.87	315-15	0.75	353	I										B5	GUTF	
							0.5	235	II										B5	FUTF	
		552	1.13	1.02	0.9	318-15	0.33	157	III										B5	EUTF	
							1	489	I										B5	HUTF-5/8	
		841	1.72	1.56	0.9	321-15	0.75	367	II										B5	GUTF	
							0.5	244	III										B5	FUTF	
		1159	2.34	2.15	0.92	324-15	1.5	733	I										B7	JUTF	
							1	489	II										B7	HUTF	
								0.75	367	III										B5	GUTF
								2	990	I										B7	KUTF
								1.5	743	II										B7	JUTF
								1	495	III										B7	HUTF
						3	1466	I										B9	LUTF		
						2	994	II										B7	KUTF		
						1.5	745	III										B7	JUTF		
						3	1487	II										B9	LUTF		
						2	991	III										B7	KUTF		
						3	1511	II										B9	LUTF		
						2	1008	III										B7	KUTF		
						5	2519	I										B9	MUTF		
						3	1511	III										B9	LUTF		

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers					Flanged Reducers(Gearmotor)							Bore Code	Motors 230/460 VAC 3 Phase 60Hz						
		Gear Capacity			Efficiency	Size	Ratings			Available Stylest											
		Output Torque lb.in.	Input	Output			Motor HP	Output Torque lb.in.	Service Class	L	OC	FAN	HF			SF	HQC	RF			
116.7	15	3155	6.28	5.84	0.93	338-15	5	2511	II								B9	MUTF			
							3	1507	III										B9	LUTF	
		3543	7.47	6.56	0.88	338-15F	7.5	3556	I									B11	NUTF		
							5	2371	II										B9	MUTF	
		6618	13.06	12.25	0.94	352-15	3	1422	III										B9	LUTF	
							10	5065	II										B11	PUTF	
							7.5	3799	II										B11	NUTF	
							5	2533	III										B9	MUTF	
							15	7193	I										B13	RUTF	
							10	4795	II										B11	PUTF	
		7829	16.32	14.49	0.89	352-15F	7.5	3596	III										B11	NUTF	
							15	7598	I										B13	RUTF	
		9055	17.87	16.76	0.94	360-15	10	5065	III											B11	PUTF
							20	9590	I										B13	SUTF	
15	7193						II										B13	RUTF			
10	4795						III										B11	PUTF			
10712	22.33	19.83	0.89	360-15F	15	7193	II										B13	RUTF			
					10	4795	III										B11	PUTF			
87.5	20	149	0.27	0.21	0.77	310-20	0.25	138	I									B4	ADUTF		
							0.25	138	I										B5	DUTF	
							0.17	92	II										B4	ACUT	
							0.17	92	II										B5	CUTF	
		308	0.52	0.43	0.82	313-20	0.5	296	I										B5	FUTF	
							0.33	197	II										B5	EUTF	
		435	0.72	0.6	0.84	315-20	0.25	148	III											B5	DUTF
							0.75	435	I										B5	GUTF	
							0.5	302	II										B5	FUTF	
		590	0.97	0.82	0.84	318-20	0.33	201	III										B5	EUTF	
							1	590	I										B5	HUTF-5/8	
		892	1.4	1.24	0.88	321-20	0.75	456	II										B5	GUTF	
							0.5	304	III										B5	FUTF	
		1233	1.95	1.71	0.88	324-20	1	637	II										B5	HUTF-5/8	
							0.75	478	III										B5	GUTF	
		1483	2.34	2.06	0.88	326-20	2	1233	I										B7	KUTF	
							1.5	948	II										B7	JUTF	
		2024	3.14	2.81	0.89	330-20	1	632	III										B5	HUTF-5/8	
							2	1267	I										B7	KUTF	
		2413	3.71	3.35	0.9	332-20	1.5	950	II										B7	JUTF	
							3	1933	I										B9	LUTF	
		2858	4.63	3.97	0.86	332-20F	1	634	III										B5	HUTF-5/8	
							2	1289	II										B7	KUTF	
		3285	5	4.56	0.91	338-20	1.5	967	III										B7	JUTF	
							3	1950	II										B9	LUTF	
		3707	5.95	5.15	0.86	338-20F	2	1300	III										B7	KUTF	
							3	1851	II										B9	LUTF	
		6833	10.19	9.49	0.93	352-20	3	1234	III										B7	KUTF	
							5	3283	I										B9	MUTF	
		8075	12.74	11.21	0.88	352-20F	3	1970	II										B9	LUTF	
							2	1313	III										B7	KUTF	
		8075	12.74	11.21	0.88	352-20F	5	3114	I											B9	MUTF
							3	1868	III										B9	LUTF	
							10	6703	I										B11	PUTF	
7.5	4752						II										B11	NUTF			
8075	12.74	11.21	0.88	352-20F	5	3168	III										B9	MUTF			
					7.5	4752	II										B11	NUTF			

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers					Flanged Reducers(Gearmotor)							Bore Code	Motors 230/460 VAC 3 Phase 60Hz					
		Gear Capacity			Efficiency	Size	Ratings			Available Stylest										
		Output Torque lb.in.	HP Input Output				Motor HP	Output Torque lb.in.	Service Class	L	OC	FAN	HF			SF	HQC	RF		
87.5	20	9412	14.02	13.07	0.93	360-20	10	6310	II								B11	PUTF		
							7.5	5033	III								B11	NUTF		
		11080	17.52	15.38	0.88	360-20F	15	9482	I								B13	RUTF		
							10	6322	III								B11	PUTF		
70	25						0.33	238	II								B5	EUTF		
		307	0.43	0.34	0.79	313-25	0.25	178	II								B5	DUTF		
							0.17	119	III									B5	CUTF	
							0.5	364	I									B5	FUTF	
		437	0.6	0.49	0.81	315-25	0.33	243	II									B5	EUTF	
							0.25	182	III										B5	DUTF
							0.75	566	I										B5	GUTF
		574	0.76	0.64	0.84	318-25	0.5	378	II										B5	FUTF
							0.33	252	III										B5	EUTF
							1	754	I										B5	HUTF-5/8
		875	1.16	0.97	0.84	321-25	0.75	566	II										B5	GUTF
							0.5	377	III										B5	FUTF
							1.5	1160	I										B7	JUTF
		1199	1.55	1.33	0.86	324-25	1	773	II										B5	HUTF-5/8
							0.75	580	III										B5	GUTF
							2	1514	I										B7	KUTF
		1514	1.94	1.68	0.87	326-25	1.5	1170	II										B7	JUTF
							1	780	III										B7	HUTF-5/8
		2051	2.61	2.28	0.87	330-25	2	1571	II										B7	KUTF
							1.5	1179	III										B7	JUTF
2443	3.08	2.71	0.88	332-25	3	2379	I										B9	LUTF		
					2	1586	II										B7	KUTF		
					1.5	1189	III										B7	JUTF		
2891	3.85	3.21	0.84	332-25F	3	2252	II										B9	LUTF		
					2	1501	III										B7	KUTF		
58.3	30	150	0.2	0.14	0.69	310-30	0.17	125	I								B4	ACUT		
							0.17	125	I									B5	CUTF	
							0.33	265	I									B5	EUTF	
		311	0.39	0.29	0.74	313-30	0.25	199	II									B5	DUTF	
							0.17	133	III										B5	CUTF
							0.5	411	I										B5	FUTF
		445	0.54	0.41	0.76	315-30	0.33	274	II									B5	EUTF	
							0.25	206	III										B5	DUTF
							0.5	441	II										B5	FUTF
		573	0.65	0.53	0.82	318-30	0.33	294	III										B5	EUTF
							0.25	220	III										B5	DUTF
							1	871	I										B5	HUTF-5/8
		871	0.99	0.81	0.81	321-30	0.75	659	II										B5	GUTF
							0.5	440	III										B5	FUTF
		1200	1.33	1.11	0.83	324-30	1	902	II										B5	HUTF-5/8
							0.75	676	III										B5	GUTF
							1.5	1358	I										B7	JUTF
		1521	1.68	1.41	0.84	326-30	1	905	II										B5	HUTF-5/8
							0.75	679	III										B5	GUTF
							2	1801	I										B7	KUTF
2045	2.27	1.89	0.83	330-30	1.5	1351	II										B7	JUTF		
					1	901	III										B5	HUTF-5/8		
2456	2.64	2.27	0.86	332-30	2	1860	II										B7	KUTF		
					1.5	1395	III										B7	JUTF		

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers				Flanged Reducers(Gearmotor)							Bore Code	Motors 230/460 VAC 3 Phase 60Hz					
		Gear Capacity		Efficiency	Size	Ratings			Available Stylest										
		Output Torque lb.in.	HP Input Output			Motor HP	Output Torque lb.in.	Service Class	L	OC	FAN	HF			SF	HQC	RF		
58.3	30	2902	3.3	2.69	0.81	332-30F	3	2637	I								B9	LUTF	
							2	1758	II									B7	KUTF
							1.5	1319	III									B7	JUTF
		3354	3.56	3.1	0.87	338-30	3	2825	I									B9	LUTF
							2	1884	III									B7	KUTF
		3757	4.23	3.48	0.82	338-30F	3	2663	II									B9	LUTF
							2	1776	III									B7	KUTF
		6964	7.3	6.45	0.88	352-30	5	4768	II									B9	PUTF
							3	2861	III									B9	NUTF
		8336	9.12	7.72	0.85	352-30F	7.5	6853	I									B11	NUTF
							5	4568	III									B9	MUTF
		9603	9.81	8.89	0.91	360-30	7.5	7339	II									B11	NUTF
							5	4892	III									B9	MUTF
		11219	12.26	10.38	0.85	360-30F	10	9148	I									B11	PUTF
7.5	6861						II									B11	NUTF		
5	4574						III									B9	MUTF		
43.8	40	151	0.17	0.1	0.62	310-40	0.17	148	I								B4	ACUT	
							0.17	148	I									B5	CUTF
		307	0.31	0.21	0.69	313-40	0.25	248	II									B5	DUTF
							0.17	165	III									B5	CUTF
		442	0.43	0.31	0.71	315-40	0.33	342	II									B5	EUTF
							0.25	257	II									B5	DUTF
		609	0.57	0.42	0.74	318-40	0.17	171	III									B5	CUTF
							0.5	534	I									B5	FUTF
		876	0.81	0.61	0.75	321-40	0.33	356	II									B5	EUTF
							0.25	267	III									B5	DUTF
		1206	1.08	0.84	0.77	324-40	0.75	811	I									B5	GUTF
							0.5	541	II									B5	FUTF
		1512	1.33	1.05	0.79	326-40	0.33	360	III									B5	EUTF
							1	1116	I									B5	HUTF-5/8
		2041	1.78	1.42	0.8	330-40	0.75	837	II									B5	GUTF
							0.5	558	III									B5	FUTF
		2444	2.1	1.7	0.81	332-40	1	1136	II									B5	HUTF-5/8
							0.75	852	III									B5	GUTF
		2944	2.62	2.04	0.78	332-40F	1.5	1719	I									B7	JUTF
							1	1146	II									B5	HUTF-5/8
		3320	2.8	2.3	0.82	338-40	0.75	860	III									B5	GUTF
							2	2327	I									B7	KUTF
		3747	3.33	2.6	0.78	338-40F	1.5	1778	III									B7	JUTF
							2	2370	II									B7	KUTF
		6889	5.6	4.78	0.85	352-40	3	3374	I									B9	LUTF
							2	2249	II									B7	KUTF
		8178	7	5.68	0.81	352-40F	5	6149	I									B9	MUTF
							3	3689	III									B9	LUTF
		9566	7.65	6.64	0.87	360-40	5	5839	II									B9	MUTF
							3	3504	III									B9	LUTF
		11197	9.56	7.77	0.81	360-40F	7.5	9374	I									B11	NUTF
							5	6250	II									B9	MUTF
																		B11	NUTF
																		B9	MUTF

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers					Flanged Reducers(Gearmotor)								Bore Code	Motors 230/460 VAC 3 Phase 60Hz					
		Gear Capacity			Efficiency	Size	Ratings			Available Stylest											
		Output Torque lb.in.	HP Input Output				Motor HP	Output Torque lb.in.	Service Class	L	OC	FAM	HF	SF			HQC	RF			
35	50	153	0.15	0.09	0.57	310-50	0.17	153	I									B4	ACUT		
							0.17	153	I											B5	CUTF
		297	0.25	0.17	0.66	313-50	0.25	297	I										B5	DUTF	
							0.17	198	II											B5	CUTF
		429	0.35	0.24	0.68	315-50	0.33	409	I											B5	EUTF
							0.25	306	II											B5	DUTF
							0.17	204	III											B5	CUTF
		573	0.44	0.32	0.72	318-50	0.33	434	II											B5	EUTF
							0.25	325	III											B5	DUTF
							0.5	649	II											B5	FUTF
		857	0.66	0.48	0.72	321-50	0.33	433	III											B5	EUTF
							0.75	1014	I											B5	GUTF
							0.5	676	II											B5	FUTF
		1177	0.87	0.65	0.75	324-50	0.33	451	III											B5	EUTF
							1	1373	I											B5	HUTF-5/8
							0.75	1030	II											B5	GUTF
		1484	1.08	0.82	0.76	326-50	0.5	687	III											B5	FUTF
							1.5	2016	I											B7	JUTF
							1	1390	II											B5	HUTF-5/8
		2016	1.45	1.12	0.77	330-50	0.75	1042	III											B5	GUTF
							1.5	2120	I											B7	JUTF
							1	1413	II											B5	HUTF-5/8
		2403	1.7	1.33	0.78	332-50	0.75	1060	III											B5	GUTF
							2	2632	I											B7	KUTF
							1.5	1974	II											B7	JUTF
		2791	2.12	1.55	0.73	332-50F	1	1316	III											B7	HUTF
							2	2876	I											B7	KUTF
							1.5	2157	II											B7	JUTF
		3280	2.28	1.82	0.8	338-50	1	1438	III											B7	HUTF
							2	2675	II											B9	KUTF
1.5	2006						III											B7	JUTF		
3626	2.71	2.01	0.74	338-50F	3	4509	II											B9	LUTF		
					5	6840	I											B9	MUTF		
					3	4104	III											B9	LUTF		
9378	6.12	5.21	0.85	360-50	5	7659	I											B9	MUTF		
					3	4595	III											B9	LUTF		
					7.5	9639	I											B11	NUTF		
9836	7.65	5.46	0.71	360-50F	5	6426	II											B9	MUTF		
					3	3856	III											B9	LUTF		
					0.17	144	I											B4	ACUT		
29.2	60	144	0.12	0.07	0.55	310-60	0.17	144	I									B5	CUTF		
							0.17	201	II											B5	CUTF
		271	0.22	0.13	0.57	313-60	0.25	356	I										B5	DUTF	
							0.17	238	II											B5	EUTF
		399	0.28	0.18	0.66	315-60	0.33	502	I											B5	EUTF
							0.25	376	II											B5	DUTF
							0.17	251	III											B5	CUTF
		527	0.35	0.24	0.7	318-60	0.5	751	I											B5	FUTF
							0.33	500	II											B5	EUTF
							0.25	375	III											B5	DUTF
		826	0.55	0.38	0.69	321-60	0.75	1128	I											B5	GUTF
							0.5	772	II											B5	FUTF
							0.33	515	III											B5	EUTF
		1128	0.73	0.52	0.71	324-60	0.75	1166	I											B5	GUTF
							0.5	778	III											B5	FUTF

Engineering Data

300 Series Single Reduction Output RPM & Capacity Selection Tables

Output RPM	Ratio	Non-Flanged Reducers					Flanged Reducers(Gearmotor)							Bore Code	Motors 230/460 VAC 3 Phase 60Hz						
		Gear Capacity			Efficiency	Size	Ratings			Available Stylest											
		Output Torque lb.in.	HP Input Output				Motor HP	Output Torque lb.in.	Service Class	L	OC	FAN	HF			SF	HQC	RF			
29.2	60	1921	1.2	0.89	0.74	330-60	1	1601	I								B5	HUTF-5/8			
							0.75	1200	II									B5	GUTF		
							0.5	800	III									B5	FUTF		
		2281	1.4	1.06	0.75	332-60	1.5	2281	I									B7	JUTF		
							1	1629	II									B7	HUTF		
							0.75	1221	III									B5	GUTF		
		2549	1.75	1.18	0.67	332-60F	1.5	2184	I									B7	JUTF		
							1	1446	III									B7	HUTF		
							1.5	2495	II									B7	JUTF		
		3128	1.88	1.45	0.77	338-60	1	1633	III									B7	HUTF		
							2	2925	I									B7	KUTF		
							1.5	2193	II									B7	JUTF		
		6416	3.67	2.97	0.81	352-60	3	5242	I									B9	LUTF		
							5	6953	I									B9	MUTF		
							3	4542	II									B9	LUTF		
8934	5.03	4.13	0.82	360-60	5	8878	I									B9	MUTF				
					3	5327	II									B9	LUTF				
					5	7571	II									B9	MUTF				
21.9	80	222	0.15	0.08	0.53	313-80	0.17	222	I								B5	CUTF			
							0.17	259	II									B5	CUTF		
							0.25	387	I									B5	DUTF		
		387	0.22	0.13	0.61	318-80	0.17	298	II									B5	CUTF		
							0.33	551	I									B5	EUTF		
							0.25	418	II									B5	DUTF		
		1069	0.57	0.37	0.65	326-80	0.5	936	I									B5	FUTF		
							0.33	623	III									B5	EUTF		
							1	1795	I									B5	HUTF-5/8		
		1795	0.95	0.62	0.65	332-80	0.75	1404	II									B5	GUTF		
							0.5	936	III									B5	FUTF		
		17.5	100	138	0.08	0.04	0.47	313-100	0.17	138	I								B5	CUTF	
									0.17	251	I									B5	CUTF
									0.17	323	I									B5	CUTF
503	0.27			0.14	0.52	321-100	0.25	468	I									B5	DUTF		
							0.17	318	II									B5	CUTF		
							0.33	642	I									B5	EUTF		
757	0.39			0.21	0.54	326-100	0.25	486	II									B5	DUTF		
							0.17	330	III									B5	CUTF		
							0.5	1080	II									B5	FUTF		
1414	0.65			0.39	0.6	332-100	0.33	313	III									B5	EUTF		

JRT GEAR UNITS & GEARMOTORS



JRTR
Helical Inline Gearmotors
Size: 09-189
Ratio: 3.37-289.74
Input power: 0.16-340HP
Output torque: 21-499633 lb-in

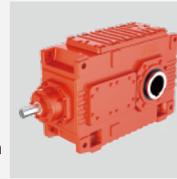


JRTF
Parallel Shaft Helical Gearmotors
Size: 29-169
Ratio: 3.77-281.71
Input power: 0.16-340HP
Output torque: 31-328333 lb-in

JRH INDUSTRIAL GEAR UNITS



JRHH
Parallel Shaft Gear Units
Size: 3-28
Ratio: 1.25-450
Input power: 5.85-14306HP
Output torque: 20341-12381600 lb-in



JRHB
Helical Bevel Gear Units
Size: 4-28
Ratio: 5-400
Input power: 3.81-6677HP
Output torque: 48642-12381600 lb-in

JRP PLANETARY GEAR UNITS



JRP
Planetary Gear Units
Size: 9-36
Ratio: 25-4000
Input power: 0.54-17597HP
Output torque: 194568-229994400 lb-in



JRP
Planetary Gear Units
Size: 01-8
Ratio: 3.08-3460
Input power: 0.03-261HP
Output torque: 8844-114972 lb-in

JRW WORM GEAR UNITS



JRSTD
IEC Worm Gear Units
Size: 25-150
Ratio: 5-100
Input power: 0.08-20HP
Output torque: 115-13716 lb-in



JRWND
NEMA Worm Gear Units
Size: 30-150
Ratio: 5-100
Input power: 0.08-20HP
Output torque: 115-13716 lb-in

JD THREE PHASE ASYNCHRONOUS MOTORS



JDC, JCS Servo Motors & Drives
Power: 0.54-10HP
Output Torque: 11-425 lb-in
Input power: 1AC 220V/3AC 380V
Communication: Pulse, EtherCAT, Profinet



JDL
Asynchronous Servo Motor
Torque: 22-1770N.m
Speed: 1200r/min-3000r/min

JC INTELLIGENT DRIVE SOLUTIONS



JC
Intelligent Drive Solutions
 Industrial Drive Solutions incl Reducers, Motors, Converters, Sensors, Internet of Things, etc.



JCMC VFD Gearmotors
Size: 175-255
Power: 1-7HP
Input Power: 3AC 380-440V
Output Frequency: 0-200Hz
Communication: ModbusRTU, Profinet, ASi

MORE OPTIONS



JRES(R, K)
Stainless Steel Helical Gearmotors
Size: 37-67
Ratio: 3.41-199.81
Input power: 0.24-10HP
Output torque: 106-8048 lb-in



JRES
Stainless Steel Worm Gearmotors
Size: 30-90
Ratio: 7.5-100
Input power: 0.08-5.4HP
Output torque: 23-4053 lb-in



JRGC
Transfer Case
Size: 0401, 1501
Ratio: 0.589, 0.659, 0.756, 0.825
Max. Output Torque(Pump): 12303 lb-in
Max. Output Torque(Working Shift) 353760 lb-in



JN
Agricultural Machinery Gear Units
Ratio: 0.364-2.33
Input Speed: 800r/min
Efficiency: ≥96%



JRTK
Helical-Bevel Gearmotors
Size: 39-189
Ratio: 3.98-197.37
Input power: 0.16-272HP
Output torque: 88-555403 lb-in



JRTH
Helical-Worm Gearmotors
Size: 39-99
Ratio: 3.97-288
Input power: 0.16-30HP
Output torque: 88-43336 lb-in



JRTW
Helical Face Gearmotor
Size: 10-30
Ratio: 6.57-75
Input power: 0.12-1.5HP
Output torque: 221-619 lb-in



JRHD
Bucket Elevator Gear Units
Size: 5-16
Ratio: 25-71
Input power: 21.8-1775HP
Output torque: 97284-1530012 lb-in



JRHO
Palm Oil Gear Units
Size: 310
Ratio: 56, 80
Input power: 144, 191HP
Output torque: 663300 lb-in



JRHA
Cooling Tower Gear Units
Size: 166
Ratio: 14
Input power: 310HP
Output torque: 185724 lb-in



JRPH
Rotary Planetary Gear Units
Size: 08-100
Ratio: 3.4-2000
Input power: 102-340HP
Output torque: 70752-884400 lb-in



JRP RV
Inline Planetary Gear Units
Ratio: 3-100
Backlash: 1-3/3-5/5-7arc-min
Torque: 53-29185 lb-in



JRP RE
Right Angle Planetary Gear Units
Ratio: 3-100
Backlash: 4-9/6-11arc-min
Torque: 106-16980 lb-in



JRWNE
Double Reduction Units
Size: 25/30-63/150
Ratio: 100-5000
Input power: 0.08-2HP
Output torque: 257-23628 lb-in



JRKM, JRKB
Hypoid Gear Units
Size: 28-68
Ratio: 7.5-300
Input power: 0.1-15HP
Output torque: 708-6637 lb-in



WPA
Worm Gears
Size: 40-250
Ratio: 10-60
Input power: 0.16-45HP
Output torque: 168-24292 lb-in



JD-IEC
IEC Standard Motors
Size: 63-315
Power: 0.16-272HP
Efficiency: IE3 IE4 IE5



JD-NEMA
NEMA Standard Motors
Size: 56C-365TC
Power: 0.16-30HP
Efficiency: NEMA Premium



JD-B
Explosion-Proof Motors
Size: 80-315
Power: 0.75-272HP
Explosion-Proof Grade: Exib II BT4
Efficiency: IE3 IE4 IE5



JCI Intelligent Monitoring System
Power: AC220V, DC24V
Communication: Wifi, 4G, RS485
Items: Vibration, Temperature, Pressure, Current
Deployment: Public Cloud, Private Cloud



JCME Distributed VFDS
Size: 175-255
Power: 1-7HP
Input power: 3*AC380-440V
Output Frequency: 0-200Hz
Communication: Profinet, ModbusRTU, ASI



JCF VFDS
Size: 175-355
Power: 1-74HP
Input power: 1*AC220/3*AC400V
Communication: Profinet, EtherCAT, CANOPEN



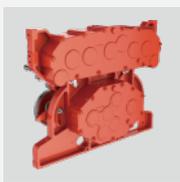
JRTH, JRTV
Front&Rear Roller Gearboxes
Size: 18-60
Ratio: 3-1800
Input power: 0.13-10HP
Output torque: 14-29136 lb-in



JRSS
Screw Lifters
Size: 35-150
Ratio: 5-40
Input power: 0.26-22HP
Lift Capacity: 1102-57431 lb-in



JRTM
Spiral Bevel Right Angle Units
Size: 2-25
Ratio: 1-5
Input power: 0.019-455HP
Input Speed: 10-1450/min



JPF
Front&Rear Roller Gearboxes
Size: 1706-2012
Ratio: 3.04-33.568
Input power: 2-4HP
Output torque: 974-2407 lb-in



JEC
Escalator Units
Size: 2-15, 2-25
Ratio: 24.5
Efficiency: ≥96%
Working Life: 146000h
Output torque: 31219-45547 lb-in



JIE Intelligent Drive Solutions Provider
 For more products, please contact JIE.
 (Inch)



JIE JDRIVE

No.1, JIE Road, Hangzhou,
Zhejiang, China
Tel.: +86 571 8299 1111
E-mail: jie@jie.com.cn
Web.: www.jiedrive.com

JIE USA

279 Madsen Drive Ste 101
Bloomington IL 60108
Tel.: +1 630 580 9986
E-mail: info@jie-drives.com
Web.: www.jie-drives.com

JIE CANADA

130 Rue de l'Émissaire Drummondville,
Québec J2E 1S4 Canada
Tel.: +1 819 850 9886
E-mail: info@jie-drives.com
Web.: www.jie-drives.com

JIE EURONORM

Hub van Doorneweg 8, 2171 KZ
Sassenheim, Netherlands
Tel.: +31 252 228 850
E-mail: info@jie-euronorm.com
Web.: www.jie-euronorm.com