

MaxMotion

RIGHT ANGLE SPEED REDUCER

FEATURES

- Aluminum alloy Housing with heat sink design.
- Two bearings on Input shaft.
- NEMA C Face input.
- Double-lip oil seals.
- O-rings on input and output covers.
- Hardened worm shaft.
- Standard hollow shaft output shaft design.
- Permanently sealed with synthetic lubrication.

BENEFITS

- Resists wash down & has higher thermal capacity.
- Allows true alignment & prevents oil leaks.
- Allows use of standard NEMA motors.
- Prevents leaks and avoids oil contamination.
- Seals better than paper gaskets.
- Increases durability over forged design.
- Plug-in solid shafts for greater mounting flexibility.
- Maintenance free, no breather or fill plugs.

WORM REDUCER RATINGS AT 1750 RPM INPUT

Model		Available Ratios											
		5	7.5	10	15	20	25	30	40	50	60	80	100
030	OUTPUT RPM	350	233	175	117	88	70	58	44	35	29	22	-
	MAX. INPUT HP	1.02	0.69	0.54	0.38	0.30	0.30	0.25	0.19	0.15	0.13	0.09	-
	O/P TORQUE in-lbs	159	159	159	159	159	186	177	159	150	142	115	-
040	OUTPUT RPM	350	233	175	117	88	70	58	44	35	29	22	18
	MAX. INPUT HP	1.88	1.51	1.16	0.80	0.61	0.50	0.53	0.39	0.31	0.25	0.19	0.15
	O/P TORQUE in-lbs	301	354	354	354	345	336	398	363	345	319	292	257
050	OUTPUT RPM	350	233	175	117	88	70	58	44	35	29	22	18
	MAX. INPUT HP	3.43	2.64	2.06	1.48	1.14	0.90	0.96	0.70	0.57	0.47	0.38	0.28
	O/P TORQUE in-lbs	549	628	637	655	646	619	743	672	646	602	575	487
063	OUTPUT RPM	-	233	175	117	88	70	58	44	35	29	22	18
	MAX. INPUT HP	-	4.77	3.67	2.76	2.05	1.64	1.77	1.27	1.01	0.86	0.66	0.57
	O/P TORQUE in-lbs	-	1133	1150	1239	1194	1150	1416	1283	1194	1150	1079	1044
075	OUTPUT RPM	-	233	175	117	88	70	58	44	35	29	22	18
	MAX. INPUT HP	-	6.81	5.45	3.86	3.15	2.46	2.48	1.88	1.50	1.26	0.97	0.80
	O/P TORQUE in-lbs	-	1637	1725	1770	1858	1770	2035	1947	1858	1770	1681	1593
090	OUTPUT RPM	-	233	175	117	88	70	58	44	35	29	22	18
	MAX. INPUT HP	-	10.56	8.56	6.86	5.19	4.08	4.31	2.95	2.32	1.90	1.39	1.12
	O/P TORQUE in-lbs	-	2566	2743	3185	3141	3008	3628	3185	3008	2831	2522	2389
110	OUTPUT RPM	-	233	175	117	88	70	58	44	35	29	22	18
	MAX. INPUT HP	-	17.48	14.36	10.86	8.10	6.90	6.53	4.81	3.93	3.19	2.25	1.79
	O/P TORQUE in-lbs	-	4247	4601	5043	4955	5220	5574	5397	5309	4955	4336	4070
130	OUTPUT RPM	-	233	175	117	88	70	58	44	35	29	22	18
	MAX. INPUT HP	-	27.01	22.64	17.33	13.00	10.88	10.65	8.27	6.42	5.12	3.79	2.84
	O/P TORQUE in-lbs	-	6636	7255	8140	8052	8229	9202	9290	8671	7963	7432	6548
Size		NEMA INPUT FLANGE AVAILABILITY											
030	48C	•	•	•	•	•	•	•	•	•	•	•	•
040	56C	•	•	•	•	•	•	•	•	•	•	•	•
050	56C	•	•	•	•	•	•	•	•	•	•	•	•
063	56C					•	•	•	•	•	•	•	•
	140TC		•	•	•	•	•	•	•	•	•	•	•
075	56C									•	•	•	•
	140TC				•	•	•	•	•	•	•	•	•
	180TC		•	•	•								
090	56C												•
	140TC						•	•	•	•	•	•	•
	180TC		•	•	•	•	•	•	•	•	•	•	•
110	140TC												•
	180TC						•	•	•	•	•	•	•
	210TC		•	•	•	•							
130	140TC												•
	180TC								•	•	•	•	•
	210TC		•	•	•	•	•	•	•	•	•	•	•

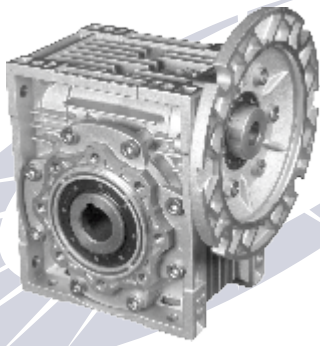
For further technical information and dimensions contact MEP



2831 Bristol Circle, Unit 3
 Oakville, Ontario L6H 6X5
 www.mep.ca
 1-877-812-7788

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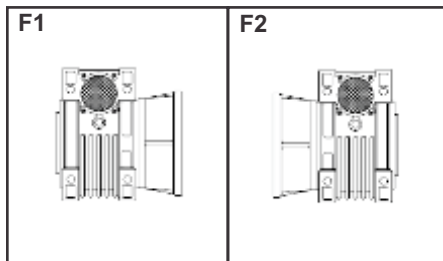
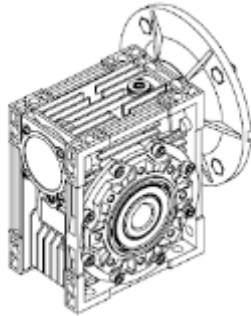
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MOUNTING VERSIONS

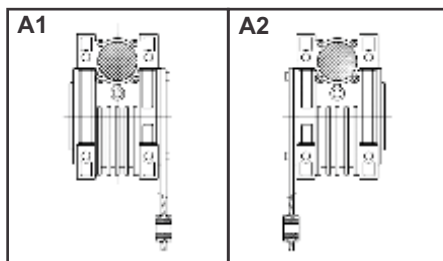
Standard Hollow Shaft reducer

- Mounting feet on 3 surfaces for universal mounting.
- Machined mounting faces on both output sides with tapped mounting holes.



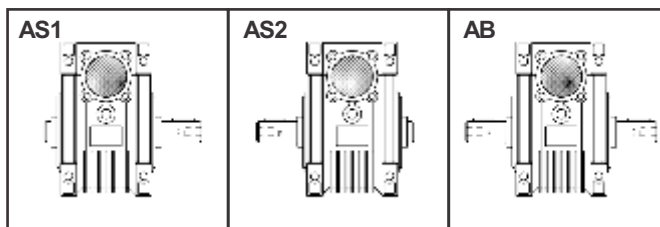
Bolt-On Output Flange Adaptor

- Bolts on to reducer machined face.
- Used with hollow or solid shaft.



Bolt-On Torque Arm

- Bolts on to reducer machined face.
- C/W With flexible rubber bushing.



Solid Single & Double Output Shafts

- Plug into standard hollow shaft.
- Easy field installation.

MEP

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