



SINGLE REDUCTION • APPROXIMATE WEIGHTS $\Delta$  (LBS.)

Reducer Style	Reducer Size										
	813	815	818	821	824	826	830	832	842	852	860
<b>Solid Output Shaft</b>											
BMQ	17	22	24	30	46	59	80	83	146	247	344
BM	21	27	29	34	47	60	91	94	154	254	361
B	14	20	22	27	38	51	76	79	136	232	321
TMQ & UMQ	19	24	26	33	54	69	96	99	156	269	364
TM & UM	24	29	32	37	60	70	107	110	164	276	371
T & U	17	22	25	30	46	61	92	95	146	254	341
JMQ	18	24	26	33	49	63	86	89	157	265	-----
JM	22	29	31	37	50	64	97	100	165	272	-----
J	15	22	24	30	41	55	82	85	177	250	-----
VHMQ & VLQM	20	26	27	48	54	70	94	97	174	282	371
VHM & VLM	25	31	33	42	55	71	105	108	182	289	378
VH & VL	18	24	26	35	46	62	90	93	164	267	348
FMQ	19	24	26	34	56	69	96	99	152	265	356
FM	24	29	32	38	62	71	107	110	166	272	363
F	17	22	25	31	48	61	92	95	148	250	333
BFMQ	23	-----	30	40	56	72	-----	-----	-----	-----	-----
BFM	27	-----	35	44	57	73	-----	-----	-----	-----	-----
BF	20	-----	28	37	48	64	-----	-----	-----	-----	-----
CMQ	19	-----	26	-----	56	-----	-----	-----	-----	-----	-----
CM	24	-----	32	-----	62	-----	-----	-----	-----	-----	-----
C	17	-----	26	-----	56	-----	-----	-----	-----	-----	-----
RMQ	-----	29	31	39	53	76	93	114	166	261	-----
RM	-----	34	36	43	54	77	104	125	174	268	-----
R	-----	27	29	36	46	68	89	110	156	246	-----
<b>Hollow Output Shaft</b>											
HMQ	17	22	25	33	47	57	80	83	146	247	344
HM	21	27	30	37	52	62	91	94	154	254	361
H	14	20	23	28	44	54	76	79	136	222	321
FHMQ	18	24	27	34	52	62	96	99	158	265	356
FHM	22	29	33	40	57	67	107	110	166	272	363
FH	15	22	26	32	49	59	92	95	148	250	333
BFHMQ	23	-----	31	-----	43	57	70	-----	-----	-----	-----
BFHM	27	-----	36	-----	47	62	75	-----	-----	-----	-----
BFH	20	-----	29	-----	38	54	67	-----	-----	-----	-----

DOUBLE REDUCTION • WORM/WORM • APPROXIMATE WEIGHTS $\Delta$  (LBS.)

Reducer Style	Reducer Size										
	813	815	818	821	824	826	830	832	842	852	860
<b>Solid Output Shaft</b>											
DMQ	26	31	34	39	55	68	93	103	158	291	393
DM	30	35	38	43	59	72	97	108	162	292	404
D	25	30	33	38	52	65	90	101	155	283	389
DFMQ	29	34	37	43	65	78	109	119	178	309	416
DFM	33	38	41	47	69	82	113	124	182	310	427
DF	28	33	36	42	62	75	106	117	175	301	412
DJMQ	27	34	36	42	58	78	99	109	207	309	416
DJM	31	38	40	46	62	82	103	114	211	310	427
DJ	26	33	35	41	55	75	96	107	204	301	412
DTMQ & DUMQ	29	34	37	42	63	78	109	119	176	313	424
DTM & DUM	33	38	41	46	67	82	113	124	180	314	435
DT & DU	28	33	36	41	60	75	106	117	173	305	420
DBFMQ	32	---	40	49	65	81	---	---	---	---	---
DBFM	36	---	46	53	69	85	---	---	---	---	---
DBF	31	---	39	48	62	78	---	---	---	---	---
DVHMQ & DVLMQ	30	36	38	47	63	79	107	120	194	326	431
DVHM & DVLM	34	40	42	51	67	83	111	122	198	327	442
DVH & DVL	29	35	37	46	60	76	104	115	191	318	427
<b>Hollow Output Shaft</b>											
DHMQ	26	31	34	39	55	68	93	103	158	291	393
DHM	30	35	38	43	59	72	97	108	162	292	404
DH	25	30	33	38	52	65	90	101	155	283	389
DFHMQ	27	34	38	44	66	76	109	119	178	309	416
DFHM	31	38	42	48	70	80	113	124	182	310	427
DFH	26	33	37	43	63	73	106	117	175	301	412
DBFHMQ	32	---	40	49	65	81	---	---	---	---	---
DBFHM	36	---	46	53	69	85	---	---	---	---	---
DBFH	31	---	39	48	62	78	---	---	---	---	---

$\Delta$  Weights include oil.



**OHIO GEAR™**

**TECHNICAL INFORMATION**



**REDUCER ACCESSORIES • APPROXIMATE WEIGHTS (LBS.)**

Accessory	Reducer Size										
	813	815	818	821	824	826	830	832	842	852	860
T/U	3	3	3	3	8	10	16	16	18	22	31
J	1	2	2	3	3	4	6	6	11	18	--
VL/VH	4	4	4	8	8	11	14	14	28	36	36
F (Cast Iron)	1	2	3	4	5	5	16	16	12	28	12
BF (Steel)	2	--	4	4	7	9	--	--	--	--	--
R	--	7	7	9	9	17	15	31	24	15	--

**HOLLOW SHAFT BORE SIZES (Inches)\***

Fraction Size	Decimal Size	Output Bore Code	813	815	818	821	824	826	830	832	842	852	860	Keyway**
5/8	0.625	10												3/16 x 3/32
11/16	0.688	11												3/16 x 3/32
3/4	0.750	12												3/16 x 3/32
7/8	0.875	14												3/16 x 3/32
1	1.000	16												1/4 x 1/8
1-1/8	1.125	18												1/4 x 1/8
1-3/16	1.188	19												1/4 x 1/8
1-1/4	1.250	20												1/4 x 1/8
1-7/16	1.438	23												3/8 x 3/16
1-1/2	1.500	24												3/8 x 3/16
1-5/8	1.625	26												3/8 x 3/16
1-11/16	1.688	27												3/8 x 3/16
1-3/4	1.750	28												3/8 x 3/16
1-7/8	1.875	30												1/2 x 1/4
1-15/16	1.938	31												1/2 x 1/4
2	2.000	32												1/2 x 1/4
2-3/16	2.188	35												1/2 x 1/4
2-1/4	2.250	36												1/2 x 1/4
2-7/16	2.438	39												5/8 x 5/16
2-1/2	2.500	40												5/8 x 5/16
2-11/16	2.688	43												5/8 x 5/16
2-15/16	2.938	47												3/4 x 3/8
3	3.000	48												3/4 x 3/8
3-3/16	3.188	51												3/4 x 3/8
3-7/16	3.438	55												7/8 x 7/16

Stock Bore Sizes.

\* Other bore sizes are available. Contact LEESON for sizes and availability.

\*\* Dimensions refer to customer driven shaft.

NOTE: Specify the required bore size when ordering. The suffix "XX" can be substituted with the bore code from table above.