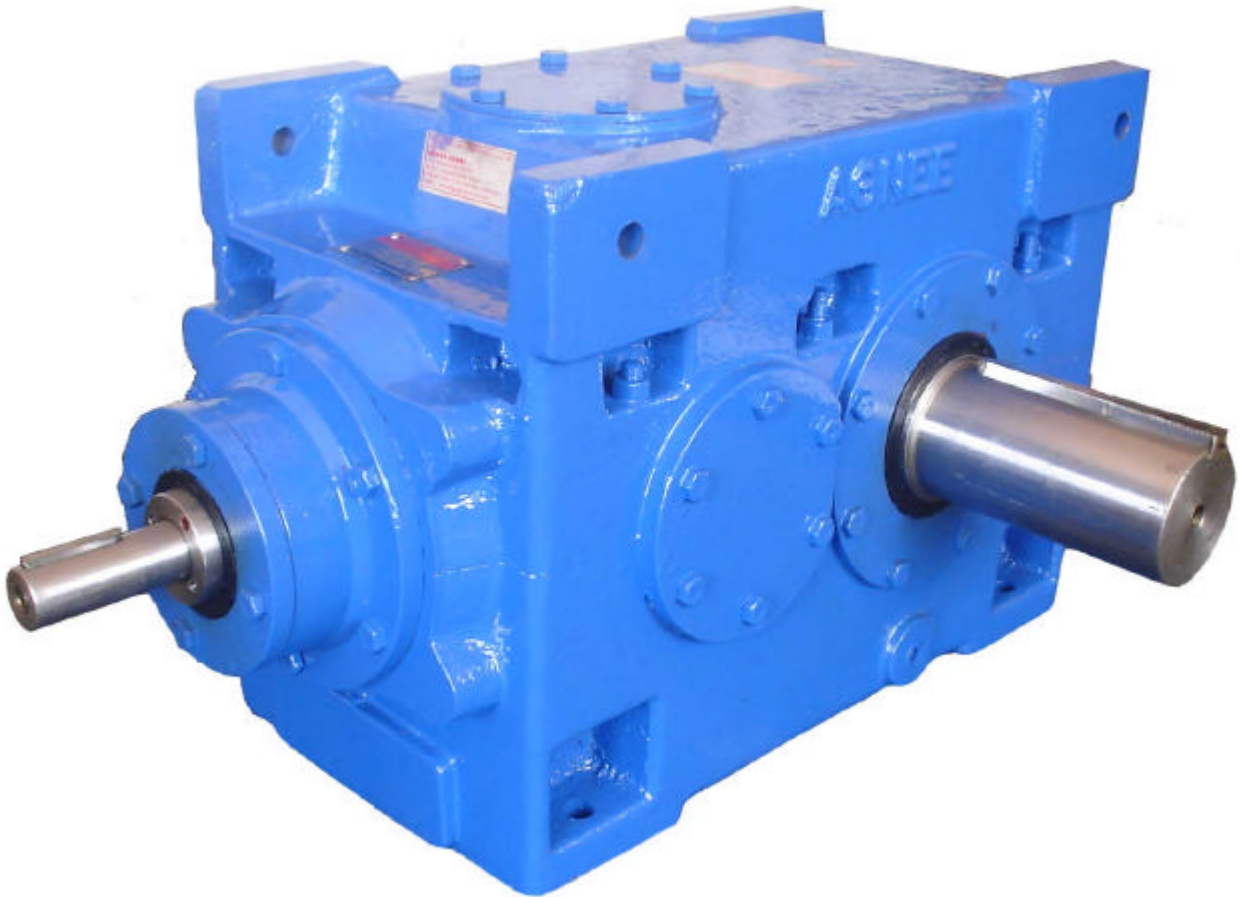




AGNEE HELICAL & BEVEL HELICAL GEAR BOX





AGNEE HELICAL & BEVEL HELICAL GEAR BOX



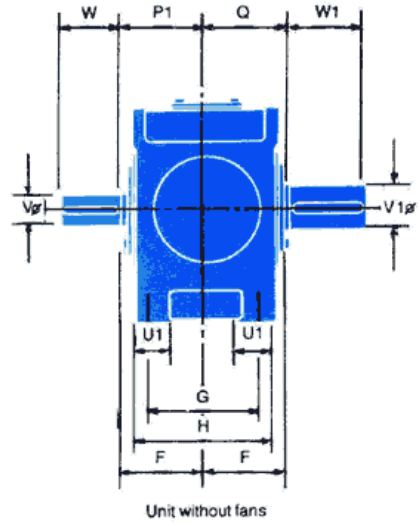
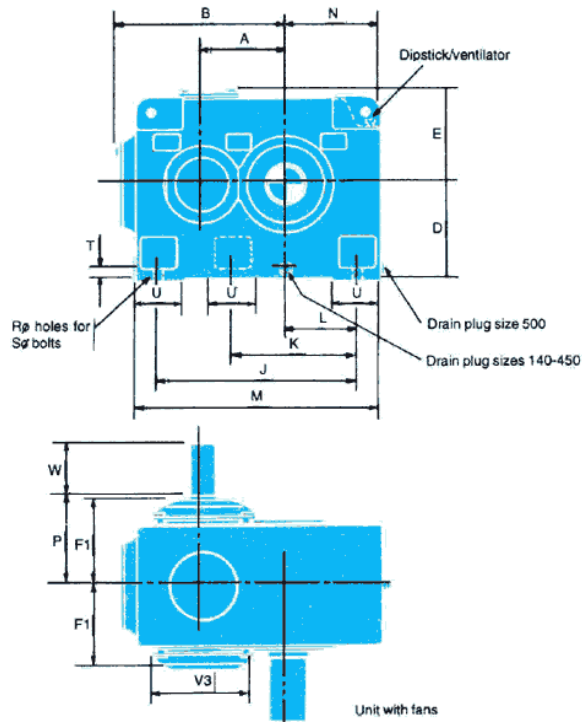
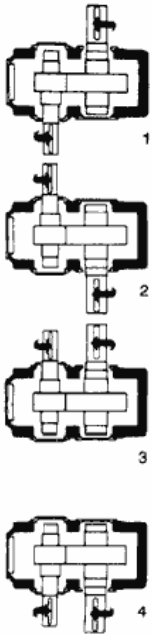
DIMENSION DETAILS

Type H1 -Foot Mounted Units

Single Reduction - Parallel Shafts - Principal Dimensions (mm)

DIMENSIONS

SHAFT HANDING / ROTATION



OPPOSITE ROTATION AVAILABLE

Unit Size	A	B	D	E	F	F1	G	H	J	K	L	M	N	P
140	140	299	160	174	135	180	190	224	335	-	120	425	165	185
160	160	342	180	194	155	200	225	260	375	-	135	475	185	205
180	180	382	200	214	170	220	250	290	425	-	147.5	530	200	225
200	200	408	225	239	180	230	265	310	475	-	165	595	225	235
225	225	465	250	267	203	255	280	340	530	-	185	660	250	260
250	250	515	280	298	215	275	300	370	600	-	210	740	280	280
280	280	570	315	327	235	300	335	410	670	-	240	820	315	305
315	315	651	355	350	256	325	375	450	750	-	270	920	355	330
355	355	711	400	405	286	360	425	500	865	530	305	1055	400	365
400	400	808	450	456	320	400	475	560	1000	600	350	1200	450	405
450	450	908	500	497	360	445	530	640	1120	670	395	1330	500	450
500	500	1015	560	624	410	505	630	720	1250	750	440	1490	560	515

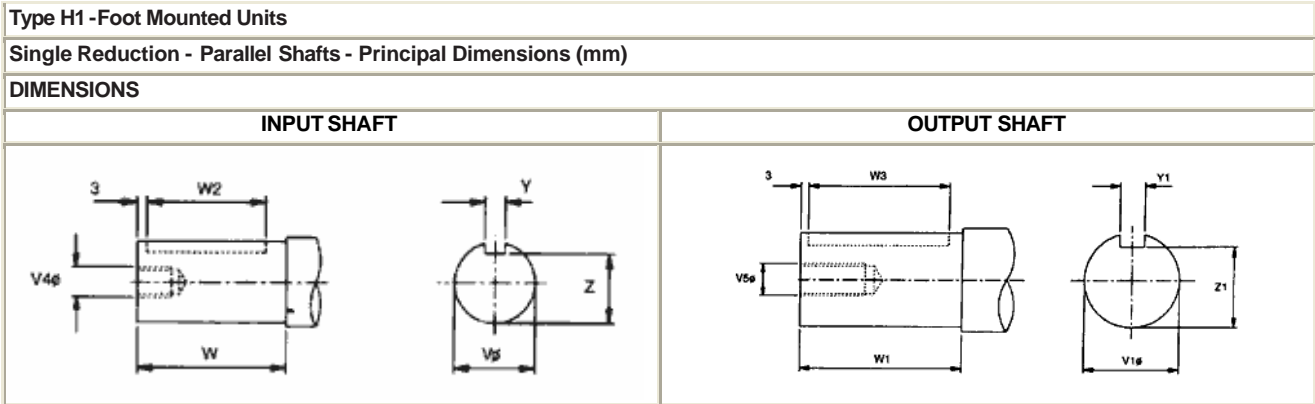


DIMENSION DETAILS

Type H1 -Foot Mounted Units												
Single Reduction - Parallel Shafts - Principal Dimensions (mm)												
DIMENSIONS												
Unit Size	P1	Q	R	S	T	U	U1	V	V1	V3	W	W1
140	140	140	14	4x12	20	100	60	45	70	120	110	140
160	160	160	18	4x16	20	110	70	50	75	125	110	140
180	180	175	18	4x16	25	120	85	55	85	135	110	170
200	200	185	22	4x20	25	125	90	60	90	296	140	170
225	225	205	22	4x20	30	130	95	70	100	320	140	210
250	250	220	26	4x24	30	140	115	80	110	350	170	210
280	280	240	26	4x24	35	160	125	90	125	400	170	210
315	315	260	33	4x30	40	180	130	100	140	440	210	250
355	355	290	33	6x30	50	200	155	110	160	500	210	300
400	400	325	39	6x36	55	220	175	125	180	550	210	300
450	450	365	39	6x36	60	250	195	140	200	606	250	350
500	500	420	45	4x42	65	280	220	160	220	660	300	350



DIMENSION DETAILS



Unit Size	Input Shafts						Output Shafts					
	V	V4	W	W2	Y	Z	V1	V5	W1	W3	Y1	Z1
140	45,018	M16x32	110	102	13,982	39,5	70,030	M24x50	140	130	19,978	62,5
	45,002				13,939	39,3	70,011					
160	50,018	M16x32	110	102	13,982	44,5	75,030	M24x50	140	130	19,978	67,5
	50,002				13,939	44,3	75,011					
180	55,030	M16x32	110	102	15,982	49,0	85,035	M24x50	170	160	21,978	76,0
	55,011				15,939	48,8	85,013					
200	60,030	M24x50	140	130	17,982	53,0	90,035	M24x50	170	160	24,978	81,0
	60,011				17,939	52,8	90,013					
225	70,030	M24x50	140	130	19,978	62,5	100,035	M24x50	210	200	27,978	90,0
	70,011				19,926	62,3	100,013					
250	80,030	M24x50	170	160	21,978	71,0	110,035	M30x60	210	200	27,978	100,0
	80,011				21,926	70,8	110,013					
280	90,035	M24x50	170	160	24,978	81,0	125,040	M30x60	210	200	31,974	114,0
	90,013				24,926	80,8	125,015					
315	100,035	M24x50	210	200	27,978	90,0	140,040	M30x60	250	240	35,974	128,0
	100,013				27,926	89,8	140,015					
355	110,035	M30x60	210	200	27,978	100,0	160,040	M42x80	300	290	39,974	147,0
	110,013				27,926	99,8	160,015					
400	125,040	M30x60	210	200	31,974	114,0	180,040	M42x80	300	290	44,974	165,0
	125,015				31,912	113,8	180,015					
450	140,040	M30x60	250	240	35,974	128,0	200,046	M42x80	350	340	44,974	185,0
	140,015				35,912	127,7	200,017					
500	160,040	M42x80	300	290	39,974	147,0	200,046	M56x105	350	340	49,974	203,0
	160,015				39,912	146,7	220,017					



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



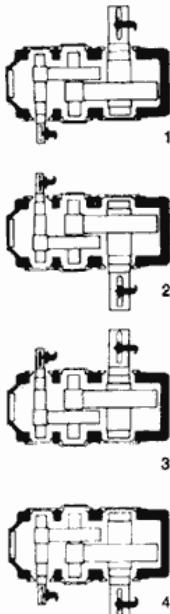
DIMENSION DETAILS

Type H2-Foot Mounted Units

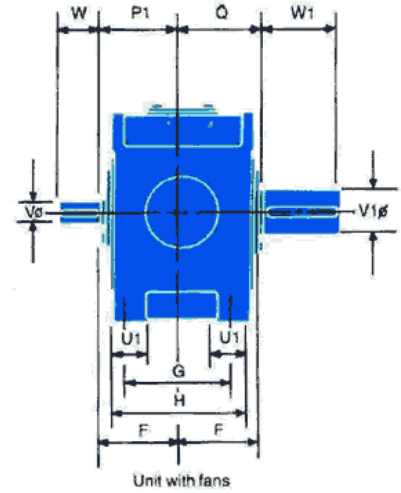
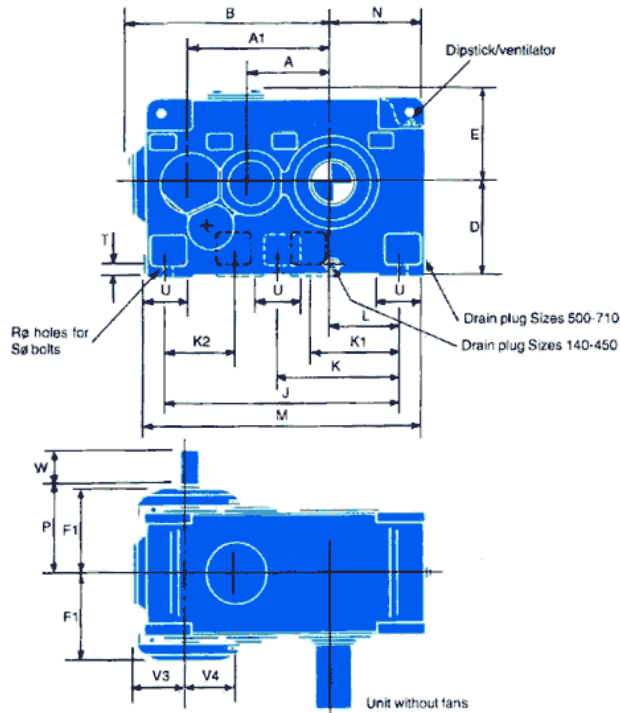
DOUBLE Reduction - Parallel Shafts - Principal Dimensions (mm)

DIMENSIONS

SHAFT HANDING / ROTATION



OPPOSITE ROTATION AVAILABLE



Unit Size	A	A1	B	D	E	F	F1	G	H	J	K	K1	L	M	N	P
140	140	240	364	160	174	135	180	190	224	405	-	-	120	495	165	185
160	160	272	406	180	194	155	200	225	260	450	-	-	135	550	185	205
180	180	305	449	200	214	173	220	250	290	505	-	-	147.5	610	200	225
200	200	340	499	225	239	180	230	265	310	560	-	-	165	680	225	235
225	225	385	567	250	267	203	255	280	340	630	-	-	185	760	250	260
250	250	430	632	280	298	215	275	300	370	710	-	-	210	850	280	280
280	280	480	687	315	327	237	300	335	410	800	-	-	240	950	315	305
315	315	540	780	355	350	256	325	375	450	900	-	-	270	1070	355	330
355	355	605	870	400	405	286	360	425	500	1005	530	-	305	1195	400	365
400	400	680	972	450	456	320	400	475	560	1160	600	-	350	1360	450	405
450	450	765	1101	500	497	360	445	530	640	1300	670	-	395	1510	500	450
500	500	855	1225	560	624	410	500	630	720	1460	750	-	440	1700	560	510
560	560	960	1375	630	679	435	525	670	770	1650	-	560	505	1900	630	535
630	630	1080	1545	710	754	480	575	750	860	1860	-	630	575	2130	710	585
710	710	1210	1735	800	850	550	650	850	980	2090	-	710	655	2380	800	660



DIMENSION DETAILS

Type H2-Foot Mounted Units												
DOUBLE Reduction - Parallel Shafts - Principal Dimensions (mm)												
DIMENSIONS												
Unit Size	P1	Q	R	S	T	U	U1	V	V1	V3	W	W1
140	140	140	14	4x12	20	100	60	32	70	105	80	140
160	160	160	18	4x16	20	110	70	35	75	108	80	140
180	175	175	18	4x16	25	120	85	38	85	120	80	170
200	185	185	22	4x20	25	125	90	38	90	130	80	170
225	205	205	22	4x20	30	130	95	45	100	140	110	210
250	220	220	26	4x24	30	140	115	55	110	155	110	210
280	240	240	26	4x24	35	160	125	65	125	170	140	210
315	260	260	33	4x30	40	180	130	75	140	190	140	250
355	290	290	33	6x30	50	200	155	85	160	214	170	300
400	325	325	39	6x36	55	220	175	90	180	245	170	300
450	365	365	39	6x36	60	250	195	100	200	265	210	350
500	420	420	45	8x42	65	280	220	110	220	250	210	350
560	445	445	45	8x42	70	320	240	125	240	275	210	410
630	490	490	52	8x48	75	350	280	140	280	303	250	470
710	560	560	52	8x48	80	370	320	160	320	330	300	470

See Sheet 2 of HD-210 for shaft and keyway details.
 Ventilators is located on top cover, sizes 500 to 710.
 E is over ventilator on these sizes, and dipsticks position is as shown
 Sizes 200 to 315 have 4 facing.
 U Sizes 355 to 500 have 6 facings and sizes 560 to 710 have 8.

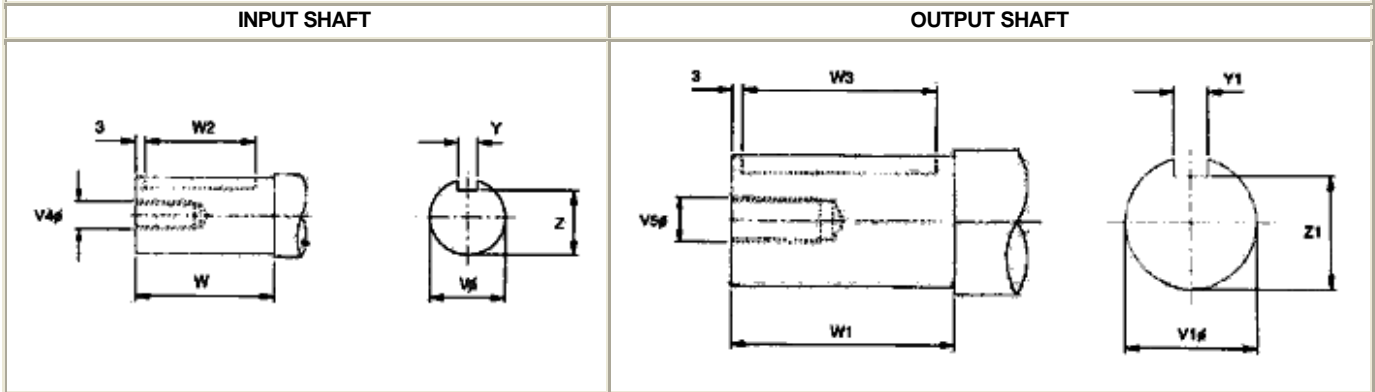


DIMENSION DETAILS

Type H2-Foot Mounted Units

Double Reduction - Parallel Shafts- Principal Dimensions (mm)

DIMENSIONS



Unit Size	Input Shafts For Ratio 11.4/1 to 26.5/1						Output Shafts					
	V	V4	W	W2	Y	Z	V1	V5	W1	W3	Y1	Z1
140	32,018	M8x18	80	73	9,985	27,0	70,030	M24x50	140	130	19,978	62,5
	32,002				9,949	26,8	70,011					19,926
160	35,018	M8x18	80	73	9,985	30,0	75,030	M24x50	140	130	19,978	67,5
	35,002				9,949	29,8	75,011					19,926
180	38,018	M16x32	80	73	9,985	33,0	85,035	M24x50	170	160	21,978	76,0
	38,002				9,949	32,8	85,013					21,926
200	38,018	M16x32	80	73	9,985	33,0	90,035	M24x50	170	160	24,978	81,0
	38,002				9,949	32,8	90,013					24,926
225	45,018	M16x32	110	102	13,982	39,5	100,035	M24x50	210	200	27,978	90,0
	45,002				13,939	39,3	100,013					27,926
250	55,030	M24x50	110	102	15,982	49,0	110,035	M30x60	210	200	27,978	100,0
	55,011				15,939	48,8	110,013					27,926
280	65,030	M24x50	140	130	17,982	58,0	125,040	M30x60	210	200	31,974	114,0
	65,011				17,939	57,8	125,015					31,912
315	75,030	M24x50	140	130	19,978	67,5	140,040	M30x60	250	240	35,974	128,0
	75,011				19,926	67,3	140,015					35,912
355	85,035	M24x50	170	160	21,978	76,0	160,040	M42x80	300	290	39,974	147,0
	85,013				21,926	75,8	160,015					39,912
400	90,035	M24x50	170	160	24,978	81,0	180,040	M42x80	300	290	44,974	165,0
	90,013				24,926	80,8	180,015					44,912
450	100,035	M24x50	210	200	27,978	90,0	200,046	M42x80	350	340	44,974	185,0
	100,013				27,926	89,8	200,017					44,912
500	110,035	M30x60	210	200	27,978	100,0	200,046	M56x105	350	340	49,974	203,0
	110,013				27,926	99,8	220,017					49,912
560	125,040	M30x60	210	200	31,974	114,0	240,046	M56x105	410	400	55,968	220,0
	125,015				31,912	113,8	240,017					55,894
630	140,040	M30x60	250	240	35,974	128,0	280,052	M56x105	470	460	62,968	260,0
	140,015				35,912	127,7	280,020					62,894
710	160,040	M42x80	300	290	39,974	147,0	320,057	M56x105	470	460	69,968	298,0
	160,015				39,912	146,7	320,021					69,894



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



DIMENSION DETAILS

Type H2-Foot Mounted Units												
Double Reduction - Parallel Shafts - Principal Dimensions (mm)												
DIMENSIONS												
Unit Size	Input Shafts For Ratios 5.6/1 to 10.3/1						Output Shafts					
	V	V4	W	W2	Y	Z	V1	V5	W1	W3	Y1	Z1
140	32,018	M8x18	80	73	9,985	27,0	70,030	M24x50	140	130	19,978	62,5
	32,002				9,949	26,8	70,011				19,926	62,3
160	38,018	M16x32	80	73	9,985	33,0	75,030	M24x50	140	130	19,978	67,5
	38,002				9,949	32,8	75,011				19,926	67,3
180	45,018	M16x32	110	102	13,982	39,5	85,035	M24x50	170	160	21,978	76,0
	45,002				13,939	39,3	85,013				21,926	75,8
200	50,018	M16x32	110	102	13,982	44,5	90,035	M24x50	170	160	24,978	81,0
	50,002				13,939	44,3	90,013				24,926	80,8
225	55,030	M24x50	110	102	15,982	49,0	100,035	M24x50	210	200	27,978	90,0
	55,011				15,939	48,8	100,013				27,926	89,8
250	65,030	M24x50	140	130	17,982	58,0	110,035	M30x60	210	200	27,978	100,0
	65,011				17,939	57,8	110,013				27,926	99,8
280	75,030	M24x50	140	130	19,978	67,5	125,040	M30x60	210	200	31,974	114,0
	75,011				19,926	67,3	125,015				31,912	113,8



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



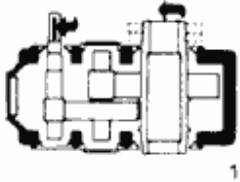
DIMENSION DETAILS

Type H2SF-Foot/Shaft Mounted Units

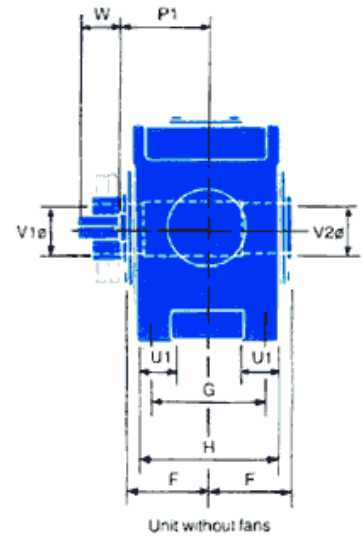
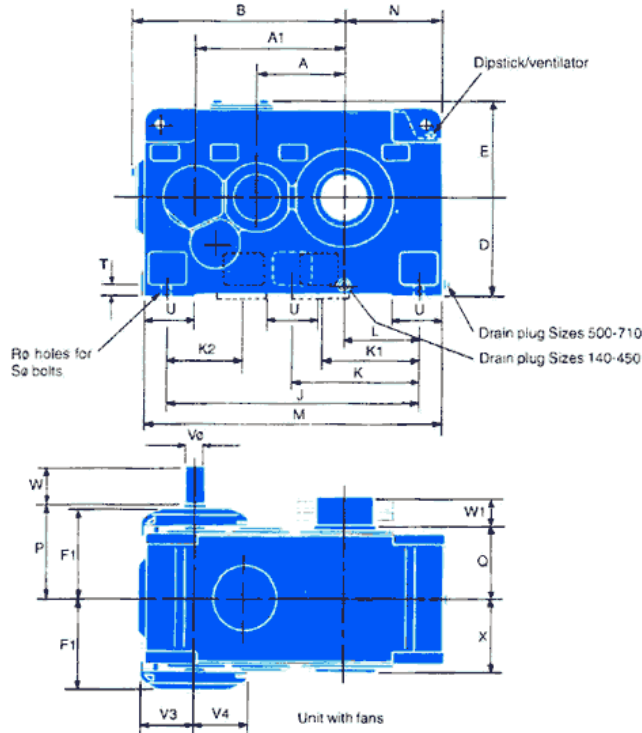
DOUBLE Reduction - Parallel Shafts - Principal Dimensions (mm)

DIMENSIONS

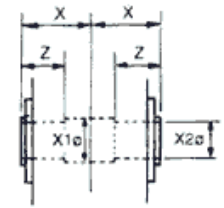
SHAFT HANDING / ROTATION



OPPOSITE ROTATION AVAILABLE



Unit without fans



Output Bore Sizes 160 & 140 only

Unit Size	A	A1	B	D	E	F	F1	G	H	J	K	K1	K2	L	M	N	P
140	140	240	364	160	174	135	180	190	224	405	-	-	-	120	495	165	185
160	160	272	406	180	194	155	200	225	260	450	-	-	-	135	550	185	205
180	180	305	449	200	214	173	220	250	290	505	-	-	-	147.5	610	200	225
200	200	340	499	225	239	180	230	265	310	560	-	-	-	165	680	225	235
225	225	385	567	250	267	203	255	280	340	630	-	-	-	185	760	250	260
250	250	430	632	280	298	215	275	300	370	710	-	-	-	210	850	280	280
280	280	480	687	315	327	237	300	335	410	800	-	-	-	240	950	315	305
315	315	540	780	355	350	256	325	375	450	900	-	-	-	270	1070	355	330
355	355	605	870	400	405	286	360	425	500	1005	530	-	-	305	1195	400	365
400	400	680	972	450	456	320	400	475	560	1160	600	-	-	350	1360	450	405
450	450	765	1101	500	497	360	445	530	640	1300	670	-	-	395	1510	500	450
500	500	855	1225	560	624	410	500	630	720	1460	750	-	-	440	1700	560	510
560	560	960	1375	630	679	435	525	67	770	1650	-	560	530	505	1900	630	535
630	630	1080	1545	710	754	480	575	750	860	1860	-	630	600	575	2130	710	585
710	710	1210	1735	800	850	550	650	850	980	2090	-	710	670	655	2380	800	660



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



DIMENSION DETAILS

Type H2SF-Foot/Shaft Mounted Units

DOUBLE Reduction - Parallel Shafts - Principal Dimensions (mm)

DIMENSIONS

Unit Size	P1	Q	R	S	T	U	U1	V	V1	V2	V3	V6	W	W1	X	X1	X2	Z
140	140	-	14	4x12	20	100	60	32	-	-	105	110	80	-	140	76	75	75
160	160	-	18	4x16	20	110	70	35	-	-	108	115	80	-	160	86	85	85
180	175	175	18	4x16	25	120	85	38	85	90	120	125	80	65	175	-	-	-
200	185	185	22	4x20	25	125	90	38	95	100	130	148	80	70	185	-	-	-
225	205	205	22	4x20	30	130	95	45	115	120	140	160	110	80	205	-	-	-
250	220	220	26	4x24	30	140	115	55	125	130	155	175	110	90	220	-	-	-
280	240	240	26	4x24	35	160	125	65	140	145	170	200	140	105	240	-	-	-
315	260	260	33	4x30	40	180	130	75	160	165	190	220	140	110	260	-	-	-
355	290	290	33	6x30	50	200	155	85	170	175	214	250	170	130	290	-	-	-
400	325	325	39	6x36	55	220	175	90	190	200	245	275	170	150	325	-	-	-
450	365	365	39	6x36	60	250	195	100	220	230	265	303	210	160	365	-	-	-
500	420	420	45	6x42	65	280	220	110	250	260	250	250	210	185	420	-	-	-
560	445	445	45	8x42	70	320	240	125	290	300	275	275	210	200	445	-	-	-
630	490	490	52	8x48	75	350	280	140	330	340	303	303	250	220	490	-	-	-
710	560	560	52	8x48	80	370	320	160	360	370	330	330	300	230	560	-	-	-

Sizes 140 to 315 have 4 facings. Sizes 355 to 500 have 6 facings and sizes 560 to 710 have 8. Ventilators is located on top cover, sizes 500 to 710. E is over ventilator on these sizes, and dipsticks position is as shown



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



DIMENSION DETAILS

Type H2SF –Foot/ Shaft Mounted Units												
Double Reduction - Parallel Shafts - Principal Dimensions (mm)												
DIMENSIONS												
INPUT SHAFT						OUTPUT SHAFT						
Unit Size	Input Shafts Ratios 11.4/1 to 25.6/1						Output Sleeve Bores					
	V	V4	W	W2	Y	Z	V1	V2	X1	X2	Z1	Y1
140	32,018 32,002	M8x20	80	73	9,985 9,949	27,0 26,8	-	-	76	75,030 75,011	80,1 79,9	20,026 19,974
160	35,018 35,002	M8x20	80	73	9,985 9,949	30,0 29,8	-	-	86	85,071 85,036	90,6 90,4	22,026 21,974
180	38,018 38,002	M16x32	80	73	9,985 9,949	33,0 32,8	85,035 85,000	90,047 90,012	-	-	-	-
200	38,018 38,002	M16x32	80	73	9,985 9,949	33,0 32,8	95,035 95,000	100,047 100,012	-	-	-	-
225	45,018 45,002	M16x32	110	102	13,982 13,939	39,5 39,3	115,035 115,000	120,047 120,012	-	-	-	-
250	55,030 55,011	M24x50	110	102	15,982 15,939	49,0 48,8	125,040 125,000	130,054 130,014	-	-	-	-
280	65,030 65,011	M24x50	140	130	17,982 17,939	58,0 57,8	140,040 140,000	145,054 145,014	-	-	-	-
315	75,030 75,011	M24x50	140	130	19,978 19,926	67,5 67,3	160,040 160,000	165,054 165,014	-	-	-	-
355	85,035 85,013	M24x50	170	160	21,978 21,926	76,0 75,8	170,040 170,000	175,054 175,014	-	-	-	-
400	90,035 90,013	M24x50	170	160	24,978 24,926	81,0 80,8	190,040 190,000	200,061 200,015	-	-	-	-
450	100,035 100,013	M24x50	210	200	27,978 27,926	90,0 89,8	220,046 220,000	230,061 230,015	-	-	-	-
500	110,035 110,013	M30x60	210	200	27,978 27,926	100,0 99,8	250,046 250,000	260,069 260,017	-	-	-	-
560	125,040 125,015	M30x60	210	200	31,974 31,912	114,0 113,8	290,052 290,000	300,069 300,017	-	-	-	-
630	140,040 140,015	M30x60	250	240	35,974 35,912	128,0 127,7	330,057 330,000	340,075 340,018	-	-	-	-
710	160,040 160,015	M42x80	300	290	39,974 39,912	147,0 145,7	360,057 360,000	370,075 370,018	-	-	-	-

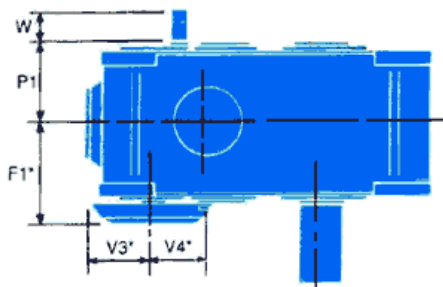
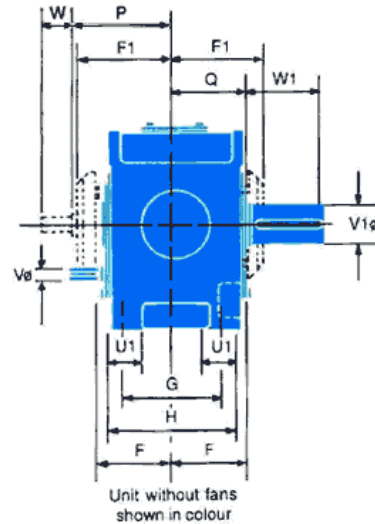
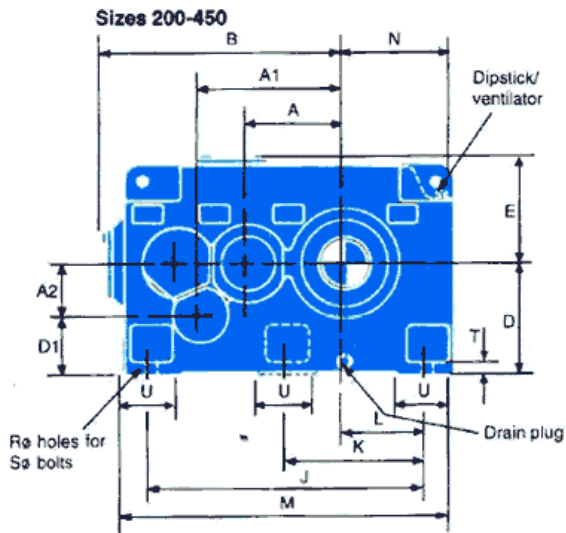


DIMENSION DETAILS

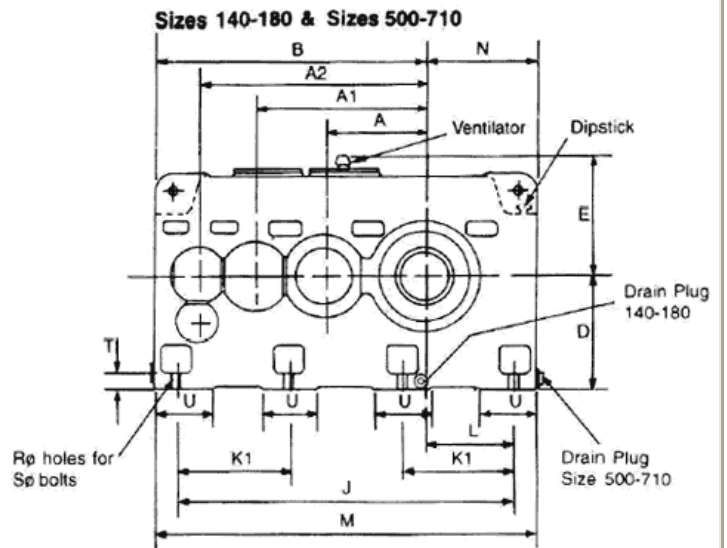
Type H3-Foot Mounted Units

TRIPLE Reduction - Parallel Shafts - Principal Dimensions (mm)

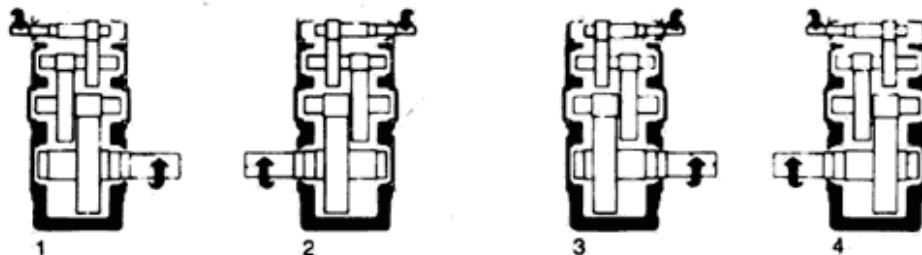
DIMENSIONS



- * Sizes 200-450 unit with one fan
- * Sizes 500-800 unit with two fans



SHAFT ROTATION





AGNEE HELICAL & BEVEL HELICAL GEAR BOX



DIMENSION DETAILS

Type H3 -Foot Mounted Units																
TRIPLE Reduction - Parallel Shafts - Principal Dimensions (mm)																
DIMENSIONS																
Unit Size	A	A1	A2	B	D	D1	E	F	F1*	G	H	J	K	K1	L	M
140	140	240	320	434	160		174	135	-	190	224	490	-	-	120	580
160	160	272	362	481	180	-	194	155	-	225	260	540	-	-	135	640
180	180	305	405	529	200	-	214	173	-	250	290	600	-	-	147.5	705
200	200	296	103	499	225	122	239	180	230	265	310	560	-	-	165	680
225	225	343.8	118	567	250	132	267	203	255	280	340	630	-	-	185	760
250	250	378	130	632	280	150	298	215	275	300	370	710	-	-	210	850
280	280	419.2	148	687	315	167	327	237	300	335	410	800	-	-	240	950
315	315	468	165	780	355	190	350	256	325	375	450	900	-	-	270	1070
355	355	536.8	188	870	400	212	405	286	360	425	500	1005	530	-	305	1195
400	400	596.7	209	972	450	241	456	320	400	475	560	1160	600	-	350	1360
450	450	679.7	235	1101	500	265	497	360	445	530	640	1300	670	-	395	1510
500	500	855	1135	1360	560	-	624	410	495	630	720	1680	-	560	440	1920
560	560	960	1275	1510	630	-	679	435	520	670	770	1890	-	630	505	2140
630	630	1080	1435	1690	710	-	754	480	570	750	860	2130	-	710	575	2400
710	710	1210	1610	1890	800	-	850	550	655	850	980	2400	-	800	655	2690
Unit Size	N	P	P1	Q	R	S	T	U	U1	V	V1	V3*	V4*	W	W1	
140	165	-	140	140	14	4x12	20	100	60	19	70	-	-	40	140	
160	185	-	160	160	18	4x16	20	110	70	22	75	-	-	50	140	
180	200	-	175	175	18	4x16	25	120	85	25	85	-	-	60	170	
200	225	-	185	185	22	4x20	25	125	90	28	90	130	148	60	170	
225	250	-	205	205	22	4x20	30	130	95	32	100	140	160	80	210	
250	280	-	220	220	26	4x24	30	140	115	38	110	155	175	80	210	
280	315	-	240	240	26	4x24	35	160	125	45	125	170	200	110	210	
315	355	-	260	260	33	4x30	40	180	130	50	140	190	220	110	250	
355	400	-	290	290	33	6x30	50	200	155	55	160	214	250	110	300	
400	450	-	325	325	39	6x36	55	220	175	65	180	245	275	140	300	
450	500	-	365	365	39	6x36	60	250	195	75	200	265	303	140	350	
500	560	505	420	420	45	8x42	65	280	220	90	220	200	200	170	350	
560	630	530	445	445	45	8x42	70	320	240	100	240	220	220	210	410	
630	710	580	490	490	52	8x48	75	350	280	110	280	250	250	210	470	
710	800	665	560	560	52	8x48	80	370	320	125	320	275	275	210	470	

*Fan can be fitted for ratios 20.9 to 70.6 only
 Ventilators is located on top cover, sizes 500 to 710.
 E is over ventilator on these sizes, and dipsticks position is as shown

Sizes 140 to 315 have 4 facing U
 Sizes 355 to 450 have 6 facings and sizes 500 to 710 have 8.



AGNEE HELICAL & BEVEL HELICAL GEAR BOX

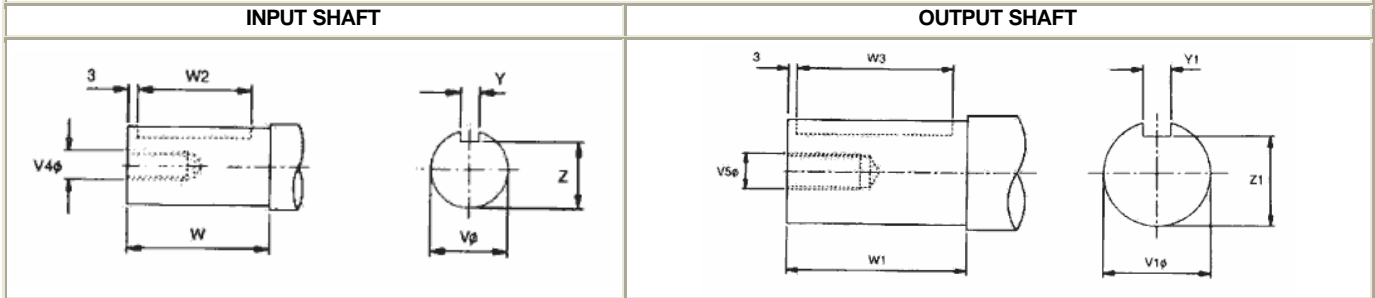


DIMENSION DETAILS

Type H3-Foot Mounted Units

Triple Reduction - Parallel Shafts - Principal Dimensions (mm)

DIMENSIONS



Unit Size	Input Shafts Ratios 52.1 to 130						Output Shafts					
	V	V4	W	W2	Y	Z	V1	V5	W1	W3	Y1	Z1
140	19,009	M6x16	40	34	5,988	15,5	70,030	M24x50	140	130	19,978	62,5
	18,996				5,958	15,4	70,011					
160	22,009	M6x16	50	43	5,988	18,5	75,030	M24x50	140	130	19,978	67,5
	21,996				5,958	18,4	75,011					
180	25,009	M6x16	60	53	7,985	21,0	85,035	M24x50	170	160	21,978	76,0
	24,996				7,949	20,8	85,013					
200	28,009	M8x18	60	53	7,985	24,0	90,035	M24x50	170	160	24,978	81,0
	27,996				7,949	23,8	90,013					
225	32,018	M8x18	80	73	9,985	27,0	100,035	M24x50	210	200	27,978	90,0
	32,002				9,949	26,8	100,013					
250	38,018	M16x32	80	73	9,985	33,0	110,035	M30x60	210	200	27,978	100,0
	38,002				9,949	32,8	110,013					
280	45,018	M16x32	110	102	13,982	39,5	125,040	M30x60	210	200	31,974	114,0
	45,002				13,939	39,3	125,015					
315	50,018	M16x32	110	102	13,982	44,5	140,040	M30x60	250	240	35,974	128,0
	50,002				13,939	44,3	140,015					
355	55,030	M16x32	110	102	15,982	49,0	160,040	M42x80	300	290	39,974	147,0
	55,011				15,939	48,8	160,015					
400	65,030	M24x50	140	130	17,982	58,0	180,040	M42x80	300	290	44,974	165,0
	65,011				17,939	57,8	180,015					
450	75,030	M24x50	140	160	19,978	67,5	200,046	M42x80	350	340	44,974	185,0
	75,011				19,926	67,3	200,017					
500	90,035	M24x50	170	160	24,978	81,0	200,046	M56x105	350	340	49,974	203,0
	90,013				24,926	80,8	220,017					
560	100,035	M24x50	210	200	27,978	90,0	240,046	M56x105	410	400	55,968	220,0
	100,013				27,926	89,8	240,017					
630	110,035	M30x60	210	200	27,978	100,0	280,052	M56x105	470	460	62,968	260,0
	110,013				27,926	99,8	280,020					
710	125,040	M30x60	210	200	31,974	114,0	320,057	M56x105	470	460	69,968	298,0
	125,015				31,912	113,8	320,021					



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type H3-Foot Mounted Units												
Triple Reduction - Parallel Shafts - Principal Dimensions (mm)												
DIMENSIONS												
Unit Size	Input Shafts Ratios 25.6 to 47.1						Output Shafts					
	V	V4	W	W2	Y	Z	V1	V5	W1	W3	Y1	Z1
140	19,009	M6x16	40	34	5,988	15,5	70,030	M24x50	140	130	19,978	62,5
	18,996				5,958	15,4	70,011				19,926	62,3
160	28,009	M8x18	60	53	7,985	24,0	75,030	M24x50	140	130	19,978	67,5
	27,996				7,949	23,8	75,011				19,926	67,3
180	28,009	M8x18	60	53	7,985	24,0	85,035	M24x50	170	160	21,978	76,0
	27,996				7,949	23,8	85,013				21,926	75,8
200	32,018	M8x18	60	53	9,985	27,0	90,035	M24x50	170	160	24,978	81,0
	32,002				9,949	26,8	90,013				24,926	80,8
225	38,018	M16x32	80	73	9,985	33,0	100,035	M24x50	210	200	27,978	90,0
	38,002				9,949	32,8	100,013				27,926	89,8
250	50,018	M16x32	110	102	13,982	44,5	110,035	M30x60	210	200	27,978	100,0
	50,002				13,939	44,3	110,013				27,926	99,8
280	55,030	M16x32	110	102	15,982	49,0	125,040	M30x60	210	200	31,974	114,0
	55,011				15,939	48,8	125,015				31,912	113,8
315	55,030	M16x32	110	102	15,982	49,0	140,040	M30x60	250	240	35,974	128,0
	55,011				15,939	48,8	140,015				35,912	127,7
355	65,030	M24x50	140	130	17,982	58,0	160,040	M42x80	300	290	39,974	147,0
	65,011				17,939	57,8	160,015				39,912	146,7



AGNEE HELICAL & BEVEL HELICAL GEAR BOX

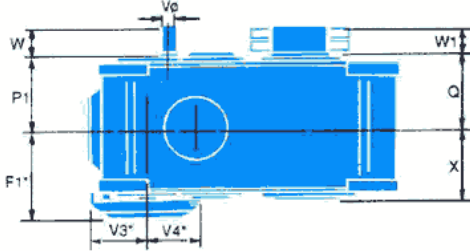
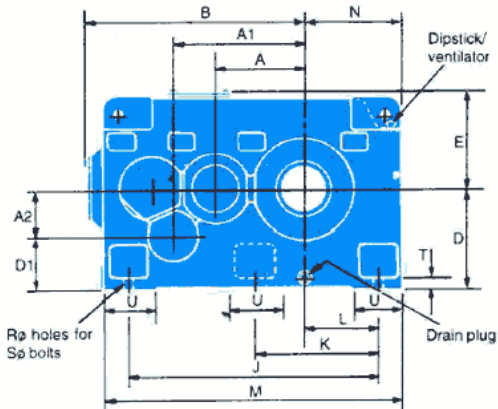


Type H3SF-Foot/Shaft Mounted Units

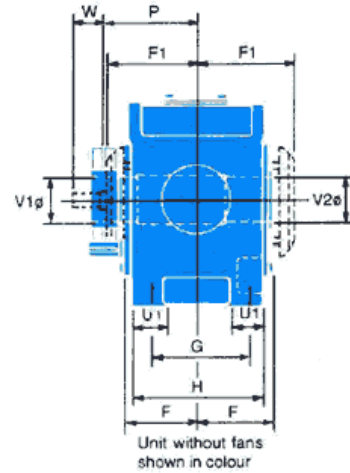
Triple Reduction - Parallel Shafts - Principal Dimensions (mm)

DIMENSIONS

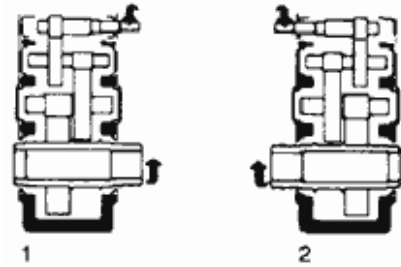
Sizes 200-450



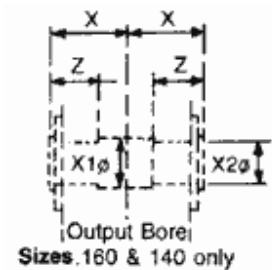
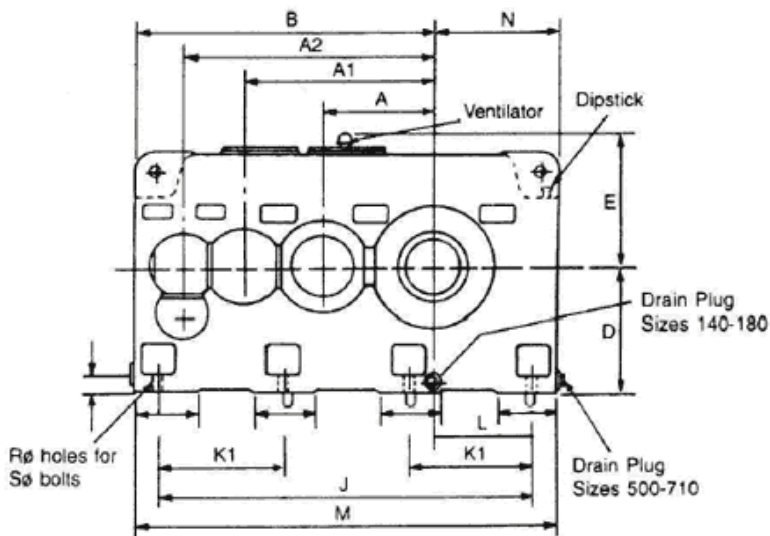
- * Sizes 140-180 unit without fan
- * Sizes 200-450 unit with one fan
- * Sizes 500-710 unit with two fans



SHAFT HANDING / ROTATION



Sizes 140-180 & Sizes 500-710





AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type HBSF-Foot/Shaft Mounted Units																			
Triple Reduction - Parallel Shafts - Principal Dimensions (mm)																			
DIMENSIONS																			
Unit Size	A	A1	A2	B	D	D1	E	F	F1*	G	H	J	K	K1	L	M	N		
140	140	240	320	434	160		174	135	-	190	224	490	-	-	120	580	165		
160	160	272	362	481	180	-	194	155	-	225	260	540	-	-	135	640	185		
180	180	305	405	529	200	-	214	173	-	250	290	600	-	-	147.5	705	200		
200	200	296	103	499	225	122	239	180	230	265	310	560	-	-	165	680	225		
225	225	343.8	118	567	250	132	267	203	255	280	340	630	-	-	185	760	250		
250	250	378	130	632	280	150	298	215	275	300	370	710	-	-	210	850	280		
280	280	419.2	148	687	315	167	327	237	300	335	410	800	-	-	240	950	315		
315	315	468	165	780	355	190	350	256	325	375	450	900	-	-	270	1070	355		
355	355	536.8	188	870	400	212	405	286	360	425	500	1005	530	-	305	1195	400		
400	400	596.7	209	972	450	241	456	320	400	475	560	1160	600	-	350	1360	450		
450	450	679.7	235	1101	500	265	497	360	445	530	640	1300	670	-	395	1510	500		
500	500	855	1135	1360	560	-	624	410	495	630	720	1680	-	560	440	1920	560		
560	560	960	1275	1510	630	-	679	435	520	670	770	1890	-	630	505	2140	630		
630	630	1080	1435	1690	710	-	754	480	570	750	860	2130	-	710	575	2400	710		
710	710	1210	1610	1890	800	-	850	550	655	850	980	2400	-	800	655	2690	800		
Unit Size	P	P1	Q	R	S	T	U	U1	V	V1	V2	V3*	V4*	W	W1	X	X1	X2	Z
140	-	140	-	14	4x12	20	100	60	19	-	-	-	-	40	-	140	75	75	75
160	-	160	-	18	4x16	20	110	70	22	-	-	-	-	50	-	160	86	85	85
180	-	175	175	18	4x16	25	120	85	25	85	90	-	-	60	65	175	-	-	-
200	-	185	185	22	4x20	25	125	90	28	95	100	130	148	60	70	185	-	-	-
225	-	205	205	22	4x20	30	130	95	32	115	120	140	160	80	80	205	-	-	-
250	-	220	220	26	4x24	30	140	115	38	125	130	155	175	80	90	220	-	-	-
280	-	240	240	26	4x24	35	160	125	45	140	145	170	200	110	105	240	-	-	-
315	-	260	260	33	4x30	40	180	130	50	160	165	190	220	110	110	260	-	-	-
355	-	290	290	33	6x30	50	200	155	55	170	175	214	250	110	130	290	-	-	-
400	-	325	325	39	6x36	55	220	175	65	190	200	245	275	140	150	325	-	-	-
450	-	365	365	39	6x36	60	250	195	75	220	230	265	303	140	160	365	-	-	-
500	505	420	420	45	8x42	65	280	220	90	250	260	200	200	170	185	420	-	-	-
560	530	445	445	45	8x42	70	320	240	100	290	300	220	220	210	200	445	-	-	-
630	580	490	490	52	8x42	75	350	280	110	330	340	250	250	210	220	490	-	-	-
710	665	560	560	52	8x42	80	370	320	125	360	370	275	275	210	230	560	-	-	-

*Fan can be fitted for ratios 20.9 to 70.6 only

Ventilators is located on top cover, sizes 500 to 710.
E is over ventilator on these sizes, and dipsticks position is as shown Sizes 140 to 315 have 4 facing.



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type H3SF –Foot/ Shaft Mounted Units												
Triple Reduction - Parallel Shafts - Principal Dimensions (mm)												
DIMENSIONS												
INPUT SHAFT							OUTPUT SHAFT					
Unit Size	Input Shafts Ratios Ratio 25.6 to 47.1						Output Sleeve Bores					
	V	V4	W	W2	Y	Z	V1	V2	X1	X2	Z1	Y1
140	19,009 18,996	M6x16	40	34	5,988 5,958	15,5 15,4	-	-	76	75,060 75,030	80,1 79,9	20,026 19,974
160	22,009 21,996	M6x16	50	43	5,988 5,958	18,5 18,4	-	-	86	85,071 85,036	90,6 90,4	22,026 21,974
180	25,009 24,996	M6x16	60	53	7,985 7,949	21,0 20,8	85,035 85,013	90,047 90,012	-	-	-	-
200	28,009 27,996	M8x18	60	53	7,985 7,949	24,0 23,8	90,035 90,013	95,035 95,000	-	-	-	-
225	32,018 32,002	M8x18	80	73	9,985 9,949	27,0 26,8	100,035 100,013	115,035 115,000	-	-	-	-
250	38,018 38,002	M16x32	80	73	9,985 9,949	33,0 32,8	110,035 110,013	125,040 125,000	-	-	-	-
280	45,018 45,002	M16x32	110	102	13,982 13,939	39,5 39,3	125,040 125,015	140,040 140,000	-	-	-	-
315	50,018 50,002	M16x32	110	102	13,982 13,939	44,5 44,3	140,040 140,015	160,040 160,000	-	-	-	-
355	55,030 55,011	M16x32	110	102	15,982 15,939	49,0 48,8	160,040 160,015	170,040 170,000	-	-	-	-
400	65,030 65,011	M24x50	140	130	17,982 17,939	58,0 57,8	180,040 180,015	190,046 190,015	-	-	-	-
450	75,030 75,011	M24x50	140	160	19,978 19,926	67,5 67,3	200,046 200,017	220,046 220,000	-	-	-	-
500	90,035 90,013	M24x50	170	160	24,978 24,926	81,0 80,8	200,046 220,017	250,046 250,000	-	-	-	-
560	100,035 100,013	M24x50	210	200	27,978 27,926	90,0 89,8	240,046 240,017	290,052 290,000	-	-	-	-
630	110,035 110,013	M30x60	210	200	27,978 27,926	100,0 99,8	280,052 280,020	330,057 330,000	-	-	-	-
710	125,040 125,015	M30x60	210	200	31,974 31,912	114,0 113,8	320,057 320,021	360,057 360,000	-	-	-	-



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type H4-Foot Mounted Units	
Quadruple Reduction - Parallel Shafts - Principal Dimensions (mm)	
DIMENSIONS	
	<p style="text-align: center;">SHAFT HANDING / ROTATION</p>



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type H4-Foot Mounted Units														
Quadruple Reduction - Parallel Shafts - Principal Dimensions (mm)														
DIMENSIONS														
Unit Size	A	A1	A2	B	D	D1	E	F	G	H	J	K	K1	L
140	140	240	320	434	160	89	174	135	190	224	490	-	-	120
160	160	272	362	481	180	109	194	155	225	260	540	-	-	135
180	180	305	405	529	200	120	214	173	250	290	600	-	-	147.5
200	200	340	452	586	225	135	239	180	265	310	670	-	-	165
225	225	385	510	654	250	150	267	203	280	340	750	-	-	185
250	250	430	570	729	280	168	298	215	300	370	850	-	-	210
280	280	480	640	822	315	190	327	237	335	410	950	475	-	240
315	315	540	720	922	355	215	350	256	375	450	1060	530	-	270
355	355	605	805	1012	400	240	405	286	425	500	1180	600	-	305
400	400	680	905	1145	450	270	456	320	475	560	1340	670	-	350
450	450	765	1015	1280	500	300	497	360	530	640	1500	750	-	395
500	500	855	1135	1360	560	335	624	410	630	720	1680	560	560	440
560	560	960	1275	1510	630	380	679	435	670	770	1890	630	630	505
630	630	1080	1435	1690	710	430	754	480	750	860	2130	710	710	575
710	710	1210	1610	1890	800	485	850	550	850	980	2400	800	800	655
Unit Size	M	N	P1	Q	R	S	T	U	U1	V	V1	W	W1	
140	580	165	140	140	14	4x12	20	100	60	18	70	40	140	
160	640	185	160	160	18	4x16	20	110	70	18	75	40	140	
180	705	200	175	175	18	4x16	25	120	85	18	85	40	170	
200	790	225	185	185	22	4x20	25	125	90	22	90	50	170	
225	880	250	205	205	22	4x20	30	130	95	25	100	60	210	
250	990	280	220	220	26	4x24	30	140	115	28	110	60	210	
280	1100	315	240	240	26	4x24	35	160	125	32	125	80	210	
315	1230	355	260	260	33	4x30	40	180	130	38	140	80	250	
355	1370	400	290	290	33	6x30	50	200	155	45	160	110	300	
400	1540	450	325	325	39	6x36	55	220	175	50	180	110	300	
450	1710	500	365	365	39	6x36	60	250	195	55	200	110	350	
500	1920	560	420	420	45	8x42	65	280	220	65	220	140	350	
560	2140	630	445	445	45	8x42	70	320	240	75	240	140	410	
630	2400	710	490	490	52	8x48	75	350	280	90	280	170	470	
710	2690	800	560	560	52	8x48	80	370	320	100	320	210	470	



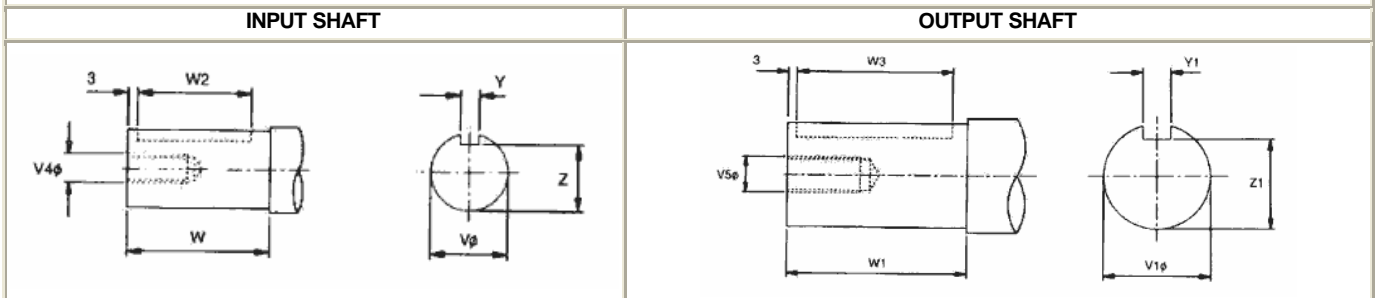
AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type H4-Foot Mounted Units

Quadruple Reduction - Parallel Shafts - Principal Dimensions (mm)

DIMENSIONS



Unit Size	Input Shafts Ratios 52.1 to 130						Output Shafts					
	V	V4	W	W2	Y	Z	V1	V5	W1	W3	Y1	Z1
140	18,008	M6x16	40	34	5,988	14,5	70,030	M24x50	140	130	19,978	62,5
	17,997				5,958	14,4	70,011				19,926	62,3
160	18,008	M6x16	40	34	5,988	14,5	75,030	M24x50	140	130	19,978	67,5
	17,997				5,958	14,4	75,011				19,926	67,3
180	18,008	M6x16	40	34	5,988	14,5	85,035	M24x50	170	160	21,978	76,0
	17,997				5,958	14,4	85,013				21,926	75,8
200	22,009	M8x18	50	43	5,988	14,5	90,035	M24x50	170	160	24,978	81,0
	21,996				5,958	14,4	90,013				24,926	80,8
225	25,009	M8x18	60	43	7,985	24,0	100,035	M24x50	210	200	27,978	90,0
	24,996				7,949	23,8	100,013				27,926	89,8
250	28,009	M8x18	60	53	7,985	24,0	110,035	M30x60	210	200	27,978	100,0
	27,996				7,949	23,8	110,013				27,926	99,8
280	32,018	M8x18	80	73	9,985	27,0	125,040	M30x60	210	200	31,974	114,0
	32,002				9,949	26,8	125,015				31,912	113,8
315	38,018	M16x32	80	73	9,985	33,0	140,040	M30x60	250	240	35,974	128,0
	38,002				9,949	32,8	140,015				35,912	127,7
355	45,018	M16x32	110	102	13,982	39,5	160,040	M42x80	300	290	39,974	147,0
	45,002				13,939	39,3	160,015				39,912	146,7
400	50,018	M16x32	110	102	13,982	44,5	180,040	M42x80	300	290	44,974	165,0
	50,002				13,939	44,3	180,015				44,912	164,7
450	55,030	M24x50	110	102	15,982	49,0	200,046	M42x80	350	340	44,974	185,0
	55,011				15,939	48,8	200,017				44,912	184,7
500	65,030	M24x50	140	130	17,982	58,0	200,046	M56x105	350	340	49,974	203,0
	65,011				17,939	57,8	220,017				49,912	202,7
560	75,030	M24x50	140	130	19,978	67,5	240,046	M56x105	410	400	55,968	220,0
	75,011				19,926	67,3	240,017				55,894	219,7
630	90,035	M24x50	170	160	24,978	81,0	280,052	M56x105	470	460	62,968	260,0
	90,013				24,926	80,8	280,020				62,894	259,7
710	100,035	M24x50	210	210	27,978	90,0	320,057	M56x105	470	460	69,968	298,0
	100,013				27,926	89,8	320,021				69,894	297,7



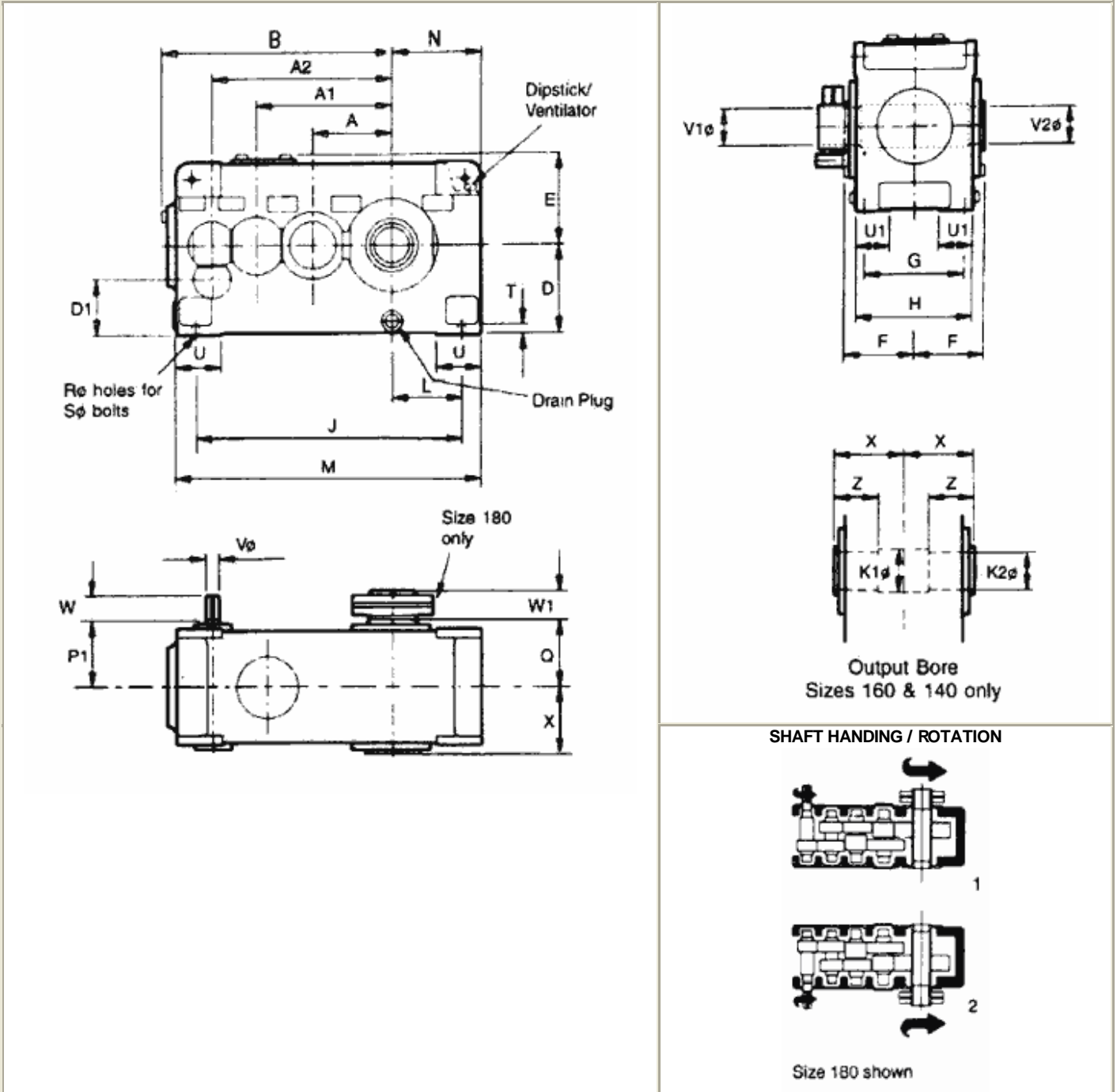
AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type H4SF-Foot/Shaft Mounted Units

Quadruple Reduction - Parallel Shafts - Principal Dimensions (mm)

DIMENSIONS

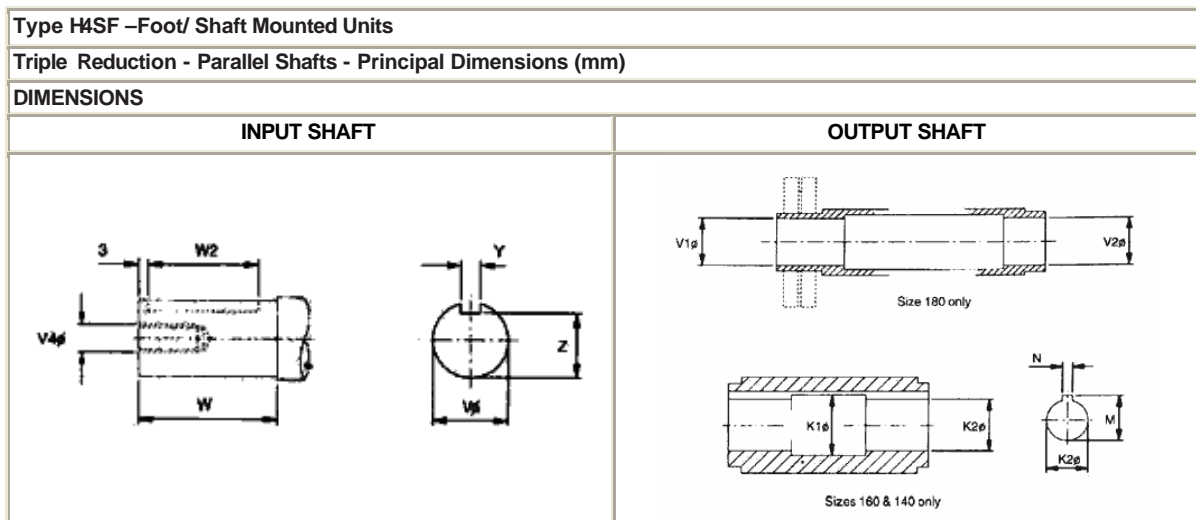




AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type H4SF-Foot/Shaft Mounted Units																
Quadruple Reduction - Parallel Shafts - Principal Dimensions (mm)																
DIMENSIONS																
Unit Size	A	A1	A2	B	D	D1	E	F	G	H	J	L	M	N	P1	Q
140	140	240	320	434	160	89	174	135	190	224	490	120	580	165	495	-
160	160	272	372	481	180	109	194	155	225	260	540	135	640	185	540	-
180	180	305	305	529	200	120	214	173	250	290	600	147.5	705	200	600	175
Unit Size	R	S	T	U	U1	V	V1	V2	W	W1	X	Z	K1	K2		
140	14	4x12	20	100	60	18	-	-	40	-	140	75	76	75		
160	18	4x16	20	110	70	18	-	-	40	-	160	85	86	85		
180	18	4x16	25	120	85	18	85	90	40	65	175	-	-	-		



Unit Size	Input Shafts						Output Sleeve Bores					
	V	V4	W	W2	Y	Z	V1	V2	K1	K2	M	N
140	18,008	M6x16	40	34	5,988	14,5	-	-	76	75,030	80,1	20,026
	17,997				5,958	14,4					79,9	19,974
160	18,008	M6x16	40	34	5,988	14,5	-	-	86	85,071	90,6	22,026
	17,997				5,958	14,4					85,036	90,4
180	18,008	M6x16	40	34	5,988	14,5	85,035	90,047	-	-	-	-
	17,997				5,958	14,4	85,00	90,012				



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



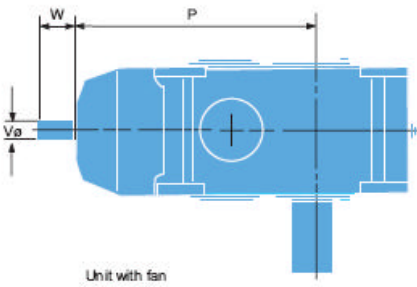
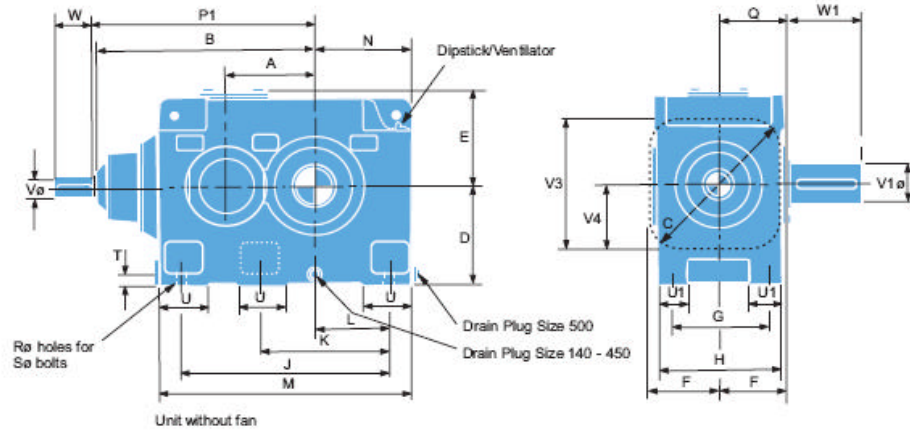
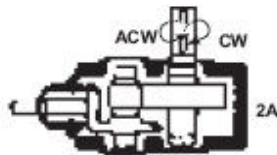
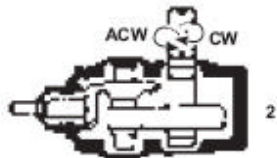
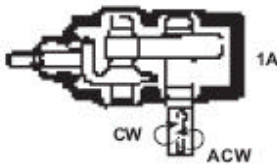
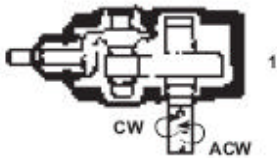
Type B2 –Foot Mounted Units

Double Reduction – Right Angle Shafts - Principal Dimensions (mm)

DIMENSIONS

SHAFT HANDING/ ROTATION

Opposite Rotation Available





AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type B2 –Foot Mounted Units																
Double Reduction – Right Angle Shafts - Principal Dimensions (mm)																
DIMENSIONS																
Unit size	A	B	C	D	E	F	G	H	J	K	L	M	N	P	P1	
140	140	390	300	160	174	135	190	224	335	-	120	425	165	435	395	
160	160	430	350	180	194	155	225	260	375	-	135	475	185	475	435	
180	180	480	375	200	214	170	250	290	425	-	147.5	530	200	530	485	
200	200	520	400	225	239	180	265	310	475	-	165	595	225	575	525	
225	225	575	445	250	267	203	280	340	530	-	185	660	250	635	580	
250	250	630	480	280	298	215	300	370	600	-	210	740	280	695	635	
280	280	715	520	315	327	237	335	410	670	-	240	820	315	785	720	
315	315	800	560	355	350	256	375	450	750	-	270	920	355	875	805	
355	355	870	630	400	405	286	425	500	865	530	305	1055	400	950	875	
400	400	990	700	450	456	320	475	560	1000	600	350	1200	450	1075	995	
450	450	1100	780	500	497	360	530	640	1120	670	395	1330	500	1190	1105	
500	500	1270	850	560	552	410	630	720	1250	750	440	1490	560	1375	1280	
Unit size	Q	R	S	T	U	U1	V	V1	V3	V4	W	W1				
140	140	14	4x12	20	100	60	28	70	230	105	60	140				
160	160	18	4x16	20	110	70	32	75	263	125	80	140				
180	175	18	4x16	25	120	85	32	85	295	145	80	170				
200	185	22	4x20	25	125	90	38	90	305	140	110	170				
225	205	22	4x20	30	130	95	45	100	356	171	110	210				
250	220	26	4x24	30	140	115	50	110	402	190	110	210				
280	240	26	4x24	35	160	125	65	125	450	225	140	210				
315	260	33	4x30	40	180	130	75	140	480	230	140	250				
355	290	33	6x30	50	200	155	85	160	540	270	170	300				
400	325	39	6x36	55	220	175	90	180	618	300	170	300				
450	365	39	6x36	60	250	195	100	200	650	320	210	350				
500	420	45	6x42	65	280	220	125	220	700	340	210	350				



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type B2 –Foot Mounted Units													
Double Reduction – Right Angle Shafts - Principal Dimensions (mm)													
DIMENSIONS													
INPUT SHAFT							OUTPUT SHAFT						
Unit size	V	V4	W	W2	Y	Z	V1	V5	W1	W3	Y1	Z1	
140	28.009	M8x20	60	53	8.000	31.0	70.030	M24x52	140	130	20.000	74.5	
	27.996						70.011						19.948
160	32.018	M8x20	80	73	10.000	35.0	75.030	M24x52	140	130	20.000	79.5	
	32.002						75.011						19.948
180	38.018	M16x36	80	73	10.000	41.0	85.035	M24x52	170	160	22.000	90.0	
	38.002						85.013						19.948
200	45.018	M16x32	110	102	14.000	48.5	90.035	M24x50	170	160	25.000	95.0	
	45.002						90.013						24.948
225	50.018	M16x32	110	102	14.000	53.5	100.035	M24x50	210	200	28.000	106.0	
	50.002						100.013						27.948
250	55.030	M16x32	110	102	16.000	59.0	110.035	M30x60	210	200	28.000	116.0	
	55.011						110.013						27.948
280	65.030	M24x50	140	130	18.000	69.0	125.040	M30x60	210	200	32.000	132.0	
	65.011						125.015						31.938
315	75.030	M24x50	140	130	20.000	79.5	140.040	M30x60	250	240	36.000	148.0	
	75.011						140.015						35.938
355	85.035	M24x50	170	160	22.000	90.0	160.040	M42x80	300	290	40.000	169.0	
	85.013						160.015						39.938
400	90.035	M24x50	170	160	25.000	95.0	180.040	M42x80	300	290	45.000	190.0	
	90.013						180.015						44.938
450	100.035	M24x50	210	200	28.000	106.0	200.046	M42x80	350	340	45.000	210.0	
	100.013						200.017						44.938
500	125.040	M30x60	210	200	32.000	132.0	220.046	M56x105	350	340	50.000	231.0	
	125.015						220.017						49.938



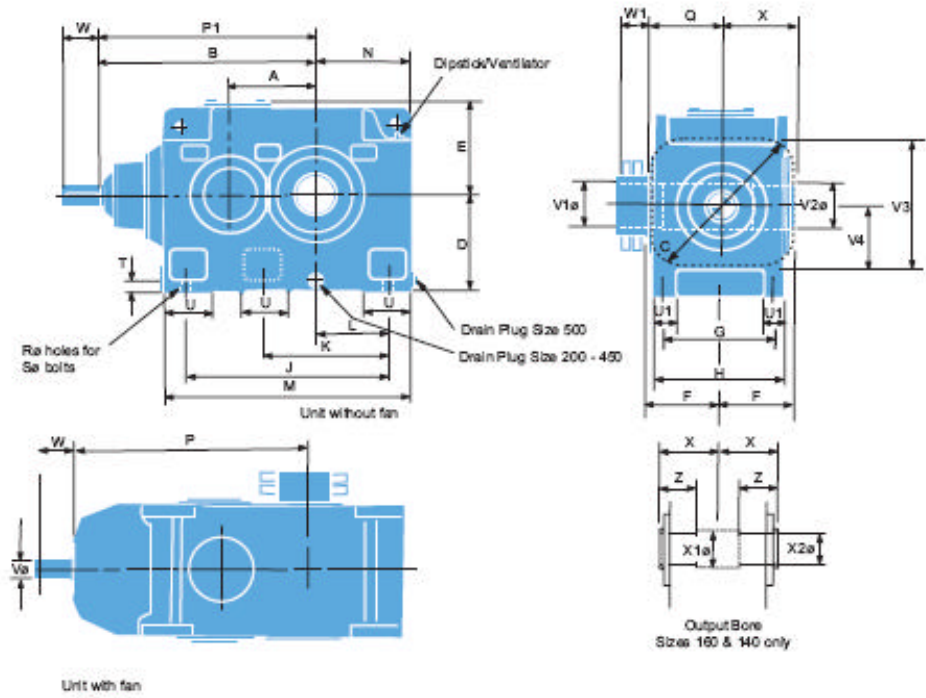
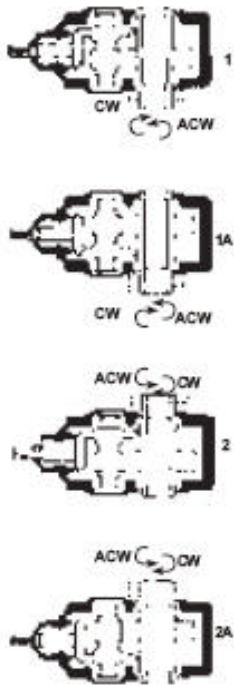
AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type B2 SF –Foot /Shaft Mounted Units
 Double Reduction – Right Angle Shafts- Principal Dimensions (mm)
 DIMENSIONS

SHAFT HANDING/ ROTATION

Opposite Rotation Available





AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type B2SF –Foot/ Shaft Mounted Units																
Double Reduction – Right Angle Shafts - Principal Dimensions (mm)																
DIMENSIONS																
Unit size	A	B	C	D	E	F	G	H	J	K	L	M	N	P	P1	Q
140	140	390	300	160	174	135	190	224	335	-	120	425	165	435	395	-
160	160	430	350	180	194	155	225	260	375	-	135	475	185	475	435	-
180	180	480	375	200	214	170	250	290	425	-	147.5	530	200	530	485	175
200	200	520	400	225	239	180	265	310	475	-	165	595	225	575	525	185
225	225	575	445	250	267	203	280	340	530	-	185	660	250	635	580	205
250	250	630	480	280	298	215	300	370	600	-	210	740	280	695	635	220
280	280	715	520	315	327	237	335	410	670	-	240	820	315	785	720	240
315	315	800	560	355	350	256	375	450	750	-	270	920	355	875	805	260
355	355	870	630	400	405	286	425	500	865	530	305	1055	400	950	875	290
400	400	990	700	450	456	320	475	560	1000	600	350	1200	450	1075	995	325
450	450	1100	780	500	497	360	530	640	1120	670	395	1330	500	1190	1105	365
500	500	1270	850	560	552	410	630	720	1250	750	440	1490	560	1375	1280	420
Unit size	R	S	T	U	U1	V	V1	V2	V3	V4	W	W1	X	X1	X2	Z
140	14	4x12	20	100	60	28	-	-	230	105	60	-	140	75	75	75
160	18	4x16	20	110	70	32	-	-	263	125	80	-	160	86	85	85
180	18	4x16	25	120	85	38	85	90	295	145	80	65	175	-	-	-
200	22	4x20	25	125	90	45	95	100	305	140	110	70	185	-	-	-
225	22	4x20	30	130	95	50	115	120	356	171	110	80	205	-	-	-
250	26	4x24	30	140	115	55	125	130	402	190	110	90	220	-	-	-
280	26	4x24	35	160	125	65	140	145	450	225	140	105	240	-	-	-
315	33	4x30	40	180	130	75	160	165	480	230	140	110	260	-	-	-
355	33	6x30	50	200	155	85	170	175	540	270	170	130	290	-	-	-
400	39	6x36	55	220	175	90	190	200	618	300	170	150	325	-	-	-
450	39	6x36	60	250	195	100	220	230	650	320	210	160	365	-	-	-
500	45	6x42	65	280	220	125	250	260	700	340	210	185	420	-	-	-



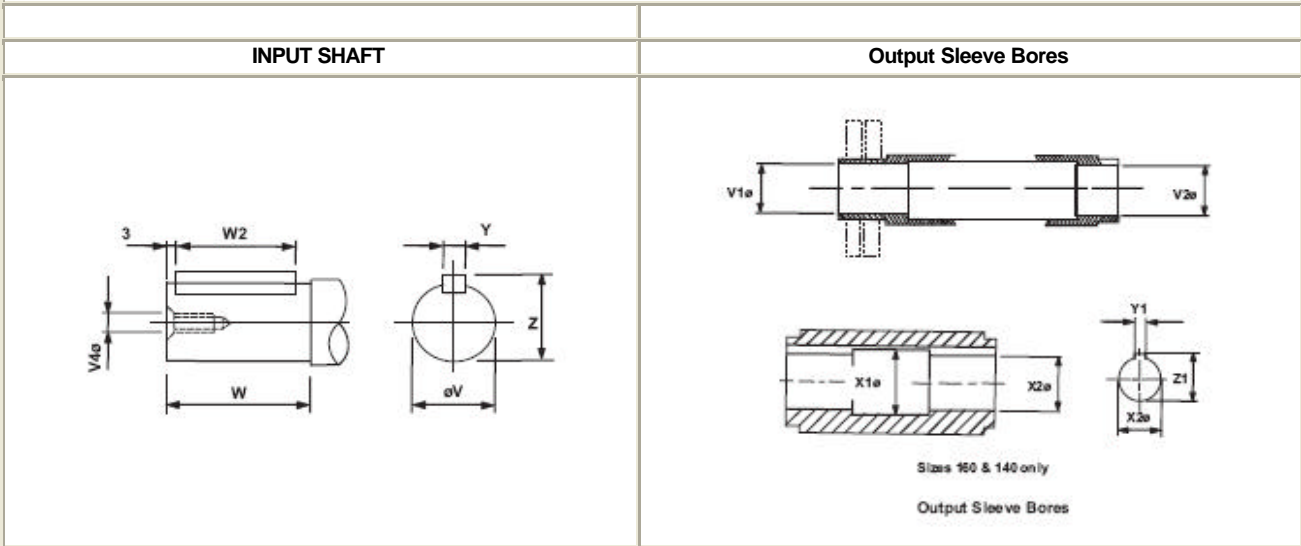
AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type B2SF –Foot/ Shaft Mounted Units

Double Reduction – Right Angle Shafts - Principal Dimensions (mm)

DIMENSIONS



Unit size	Input Shafts						Output Sleeve Bores					
	V	V4	W	W2	Y	Z	V1	V2	X1	X2	M	N
140	28.009 27.996	M8x20	60	53	8.000 7.964	31.0 30.8	-	-	76	75.060 75.030	80.1 79.9	20.026 19.974
160	32.018 32.002	M8x20	80	73	10.000 9.964	35.0 34.8	-	-	86	85.071 85.036	90.6 90.4	22.026 21.974
180	38.018 38.002	M16x36	80	73	10.000 9.964	41.0 40.8	85.035 85.000	90.047 90.012	-	-	-	-
200	45.018 45.002	M16x32	110	102	14.000 13.957	48.5 48.3	95.035 95.000	100.047 100.012	-	-	-	-
225	50.018 50.002	M16x32	110	102	14.000 13.957	53.5 53.3	115.035 115.000	120.047 120.012	-	-	-	-
250	55.030 55.011	M16x32	110	102	16.000 15.957	59.0 58.8	125.040 125.000	130.054 130.014	-	-	-	-
280	65.030 65.011	M24x50	140	130	18.000 17.957	69.0 68.8	140.040 140.000	145.054 145.014	-	-	-	-
315	75.030 75.011	M24x50	140	130	20.000 19.948	79.5 79.3	160.040 160.000	165.054 165.014	-	-	-	-
355	85.035 85.013	M24x50	170	160	22.000 21.948	90.0 89.8	170.040 170.000	175.054 175.014	-	-	-	-
400	90.035 90.013	M24x50	170	160	25.000 24.948	95.0 94.8	190.046 190.000	200.061 200.015	-	-	-	-
450	100.035 100.013	M24x50	210	200	28.000 27.948	106.0 105.8	220.046 220.000	230.061 230.015	-	-	-	-
500	125.040 125.015	M30x60	210	200	32.000 31.938	132.0 131.8	250.046 250.000	260.069 260.017	-	-	-	-



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type B3 –Foot Mounted Units	
Triple Reduction – Right Angle Shafts - Principal Dimensions (mm)	
DIMENSIONS	
SHAFT HANDING/ ROTATION	
<p>Opposite Rotation Available</p>	



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type B3 –Foot Mounted Units																
Triple Reduction – Right Angle Shafts - Principal Dimensions (mm)																
DIMENSIONS																
Unit size	A	B	C	D	E	F	G	H	J	K	K1	K2	L	M	N	P
140	140	430	305	160	174	135	190	224	405	-	-	-	120	495	165	470
160	160	477	350	180	194	155	225	260	450	-	-	-	135	550	185	520
180	180	530	375	200	214	173	250	290	505	-	-	-	147.5	610	200	570
200	200	590	400	225	239	180	265	310	560	-	-	-	165	680	225	630
225	225	655	445	250	267	203	280	340	630	-	-	-	185	760	250	700
250	250	730	480	280	298	215	300	370	710	-	-	-	210	850	280	780
280	280	800	520	315	327	237	335	410	800	-	-	-	240	950	315	855
315	315	890	560	355	350	256	375	450	900	-	-	-	270	1070	355	950
355	355	985	630	400	405	286	425	500	1005	530	-	-	305	1195	400	1050
400	400	1115	700	450	456	320	475	560	1160	600	-	-	350	1360	450	1185
450	450	1250	780	500	497	360	530	640	1300	670	-	-	395	1510	500	1325
500	500	1370	850	560	552	410	630	720	1460	750	-	-	440	1700	560	1445
560	560	1550	900	630	679	435	670	770	1650	-	560	530	505	1900	630	1630
630	630	1729	1020	710	754	480	750	860	1860	-	630	600	575	2130	710	1815
710	710	1980	1060	800	850	550	850	980	2090	-	710	670	655	2380	800	2070
Unit size	P1	Q	R	S	T	U	U1	V	V1	V3	V4	W	W1			
140	435	140	14	4x12	20	100	60	20	70	220	95	50	140			
160	480	160	18	4x16	20	110	70	25	75	248	110	60	140			
180	535	175	18	4x16	25	120	85	28	85	280	130	60	170			
200	595	185	22	4x20	25	125	90	28	90	305	140	60	170			
225	660	205	22	4x20	30	130	95	32	100	356	171	80	210			
250	735	220	26	4x24	30	140	115	38	110	390	190	80	210			
280	805	240	26	4x24	35	160	125	45	125	450	225	110	210			
315	895	260	33	4x30	40	180	130	50	140	460	230	110	250			
355	990	290	33	6x30	50	200	155	55	160	540	270	110	300			
400	1120	325	39	6x36	55	220	175	65	180	600	300	140	300			
450	1255	365	39	6x36	60	250	195	75	200	640	320	140	350			
500	1380	420	45	6x42	65	280	220	85	220	700	340	170	350			
560	1560	445	45	8x42	70	320	240	90	240	740	370	170	410			
630	1740	490	52	8x48	75	350	280	100	280	820	410	210	470			
710	1990	560	52	8x48	80	370	320	125	320	900	450	210	470			



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type B3 –Foot Mounted Units												
Triple Reduction – Right Angle Shafts - Principal Dimensions (mm)												
DIMENSIONS												
INPUT SHAFT							OUTPUT SHAFT					
Input Shafts							Output Shafts					
Unit size	V	V4	W	W2	Y	Z	V1	V5	W1	W3	Y1	Z1
140	20.009 19.996	M6x16	50	43	6.000 5.970	22.5 22.4	70.030 70.011	M24x52	140	130	20.000 19.948	74.5 74.3
160	25.009 24.996	M6x16	60	53	8.000 7.964	28.0 27.8	75.030 75.011	M24x52	140	130	20.000 19.948	79.5 79.3
180	28.009 27.996	M8x20	60	53	8.000 7.964	31.0 30.8	85.035 85.013	M24x52	170	160	22.000 21.948	90.0 89.8
200	28.009 27.996	M8x18	60	53	8.000 7.964	31.0 30.8	90.035 90.013	M24x52	170	160	25.000 24.948	95.0 94.8
225	32.018 32.002	M8x18	80	73	10.000 9.964	35.0 34.8	100.035 100.013	M24x50	210	200	28.000 27.948	106.0 105.8
250	38.018 38.002	M16x32	80	73	10.000 9.964	41.0 40.8	110.035 110.013	M30x60	210	200	28.000 27.948	116.0 115.8
280	45.018 45.002	M16x32	110	102	14.000 13.957	48.5 48.3	125.040 125.015	M30x60	210	200	32.000 31.938	132.0 131.8
315	50.018 50.002	M16x32	110	102	14.000 13.957	53.5 53.3	140.040 140.015	M30x60	250	240	36.000 35.938	148.0 147.7
355	55.030 55.011	M16x32	110	102	16.000 15.957	59.0 58.8	160.040 160.015	M42x80	300	290	40.000 39.938	169.0 168.7
400	65.030 65.011	M24x50	140	130	18.000 17.957	69.0 68.8	180.040 180.015	M42x80	300	290	45.000 44.938	190.0 189.7
450	75.030 75.011	M24x50	140	130	20.000 19.948	79.5 79.3	200.046 200.017	M42x80	350	340	45.000 44.938	210.0 209.7
500	85.035 85.013	M24x50	170	160	22.000 21.948	90.0 89.8	220.046 220.017	M56x105	350	340	50.000 49.938	231.0 230.7
560	90.035 90.013	M24x50	170	160	25.000 24.948	95.0 94.8	240.046 240.017	M56x105	410	400	56.000 55.926	252.0 251.7
630	100.035 100.013	M24x50	210	200	28.000 27.948	106.0 105.8	280.052 280.020	M56x105	470	460	63.000 62.926	292.0 291.7
710	125.040 125.015	M30x60	210	200	32.000 31.938	132.0 131.8	320.057 320.021	M56x105	470	460	70.000 69.926	334.0 330.7



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



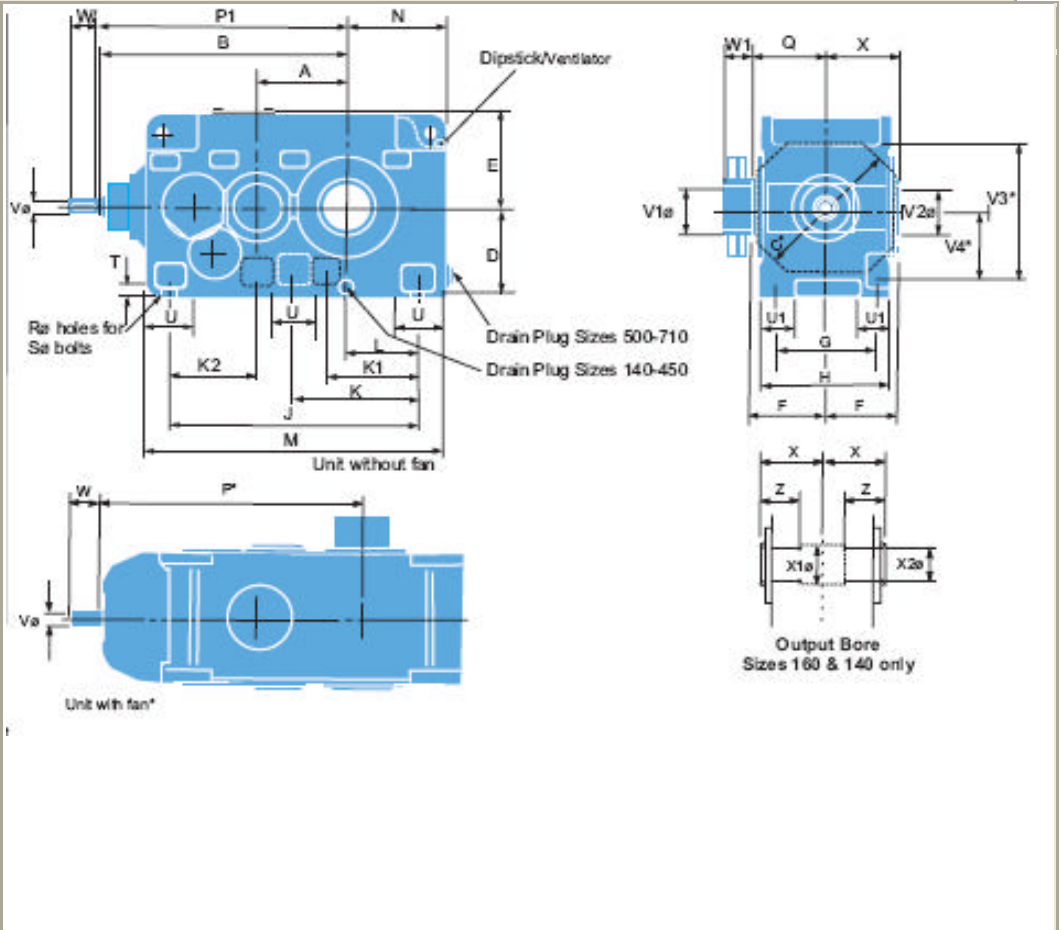
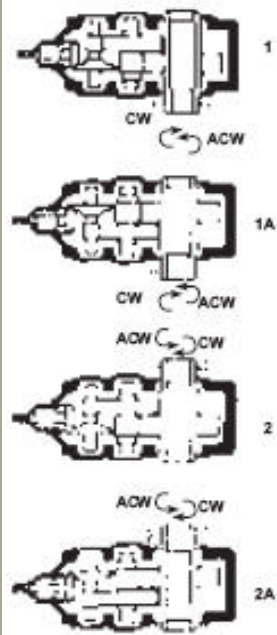
Type B3SF –Foot /Shaft Mounted Units

Triple Reduction – Right Angle Shafts - Principal Dimensions (mm)

DIMENSIONS

SHAFT HANDING/ ROTATION

Opposite Rotation Available





AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type B3SF –Foot /Shaft Mounted Units																		
Triple Reduction – Right Angle Shafts - Principal Dimensions (mm)																		
DIMENSIONS																		
Unit size	A	B	C	D	E	F	G	H	J	K	K1	K2	L	M	N	P*	P1	Q
140	140	430	305	160	174	135	190	224	405	-	-	-	120	495	165	470	435	140
160	160	477	350	180	194	155	225	260	450	-	-	-	135	550	185	520	480	160
180	180	530	375	200	214	173	250	290	505	-	-	-	147.5	610	200	570	535	175
200	200	590	400	225	239	180	265	310	560	-	-	-	165	680	225	630	595	185
225	225	655	445	250	267	203	280	340	630	-	-	-	185	760	250	700	660	205
250	250	730	480	280	298	215	300	370	710	-	-	-	210	850	280	780	735	220
280	280	800	520	315	327	237	335	410	800	-	-	-	240	950	315	855	805	240
315	315	890	560	355	350	256	375	450	900	-	-	-	270	1070	355	950	895	260
355	355	985	630	400	405	286	425	500	1005	530	-	-	305	1195	400	1050	990	290
400	400	1115	700	450	456	320	475	560	1160	600	-	-	350	1360	450	1185	1120	325
450	450	1250	780	500	497	360	530	640	1300	670	-	-	395	1510	500	1325	1255	365
500	500	1370	850	560	552	410	630	720	1460	750	-	-	440	1700	560	1445	1380	420
560	560	1550	900	630	679	435	670	770	1650	-	560	530	505	1900	630	1630	1560	445
630	630	1729	1020	710	754	480	750	860	1860	-	630	600	575	2130	710	1815	1739	490
710	710	1980	1060	800	850	550	850	980	2090	-	710	670	655	2380	800	2070	1990	560
Unit size	R	S	T	U	U1	V	V1	V2	V3	V4*	W	W1	X	X1	X2	Z		
140	14	4x12	20	100	60	20	-	-	220	95	50	-	140	76	75	75		
160	18	4x16	20	110	70	25	-	-	248	110	60	-	160	86	85	85		
180	18	4x16	25	120	85	28	85	90	280	130	60	65	175	-	-	-		
200	22	4x20	25	125	90	28	95	100	305	140	60	70	185	-	-	-		
225	22	4x20	30	130	95	32	115	120	356	171	80	80	205	-	-	-		
250	26	4x24	30	140	115	38	125	130	390	190	80	90	220	-	-	-		
280	26	4x24	35	160	125	45	140	145	450	225	110	105	240	-	-	-		
315	33	4x30	40	180	130	50	160	165	460	230	110	110	260	-	-	-		
355	33	6x30	50	200	155	55	170	175	540	270	110	130	290	-	-	-		
400	39	6x36	55	220	175	65	190	200	600	300	140	150	325	-	-	-		
450	39	6x36	60	250	195	75	220	230	640	320	140	160	365	-	-	-		
500	45	6x42	65	280	220	85	250	260	700	340	170	185	420	-	-	-		
560	45	8x42	70	320	240	90	290	300	740	370	170	200	445	-	-	-		
630	52	8x48	75	350	280	100	330	340	820	410	210	220	490	-	-	-		
710	52	8x48	80	370	320	125	360	370	900	450	210	230	560	-	-	-		



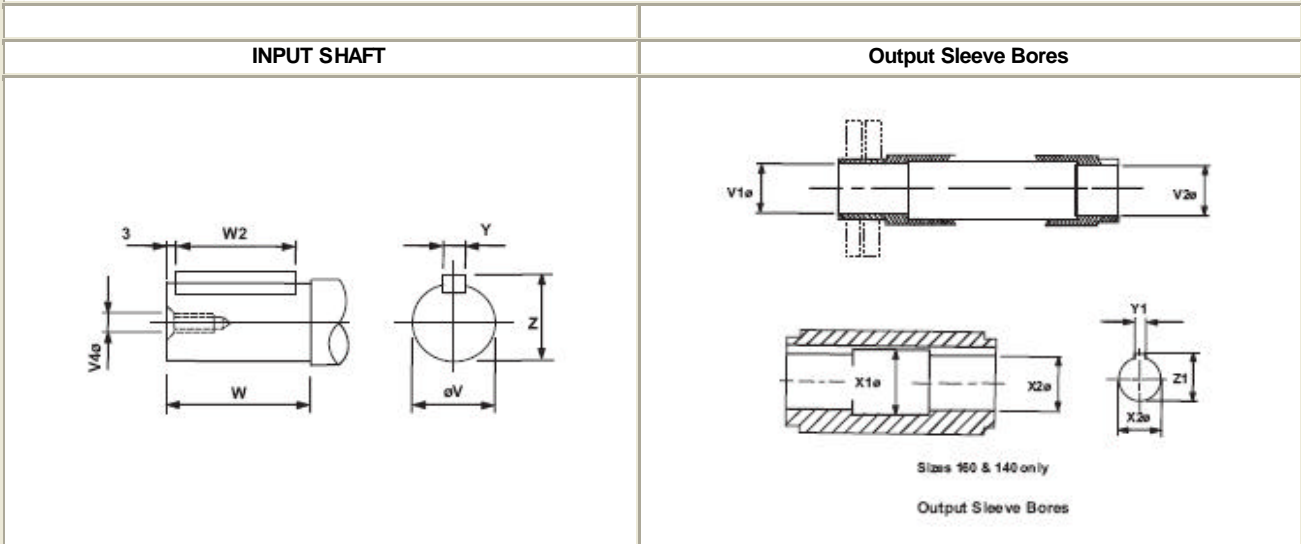
AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type B3SF –Foot /Shaft Mounted Units

Triple Reduction – Right Angle Shafts - Principal Dimensions (mm)

DIMENSIONS



Unit size	Input Shafts						OutPut Sleeve Bores					
	V	V4	W	W2	Y	Z	V1	V2	K1	K2	M	N
140	20.009 19.996	M6x16	50	43	6.000 5.970	22.5 22.4	-	-	76	75.060 75.030	80.1 79.9	20.026 19.974
160	25.009 24.996	M6x16	60	53	8.000 7.964	28.0 27.8	-	-	86	85.071 85.036	90.6 90.4	22.026 21.974
180	28.009 27.996	M8x20	60	53	8.000 7.964	31.0 30.8	85.035 85.000	90.047 90.012	-	-	-	-
200	28.009 27.996	M8x18	60	53	8.000 7.964	31.0 30.8	95.035 95.000	100.047 100.012	-	-	-	-
225	32.018 32.002	M8x18	80	73	10.000 9.964	35.0 34.8	115.035 115.000	120.047 120.012	-	-	-	-
250	38.018 38.002	M16x32	80	73	10.000 9.964	41.0 40.8	125.040 125.000	130.054 130.014	-	-	-	-
280	45.018 45.002	M16x32	110	102	14.000 13.957	48.5 48.3	140.040 140.000	145.054 145.014	-	-	-	-
315	50.018 50.002	M16x32	110	102	14.000 13.957	53.5 53.3	160.040 160.000	165.054 165.014	-	-	-	-
355	55.030 55.011	M16x32	110	102	16.000 15.957	59.0 58.8	170.040 170.000	175.054 175.014	-	-	-	-
400	65.030 65.011	M24x50	140	130	18.000 17.957	69.0 68.8	190.046 190.000	200.061 200.015	-	-	-	-
450	75.030 75.011	M24x50	140	130	20.000 19.948	79.5 79.3	220.046 220.000	230.061 230.015	-	-	-	-
500	85.035 85.013	M24x50	170	160	22.000 21.948	90.0 89.8	250.046 250.000	260.069 260.017	-	-	-	-
560	90.035 90.013	M24x50	170	160	25.000 24.948	95.0 94.8	290.052 290.000	300.069 300.017	-	-	-	-
630	100.035 100.013	M24x50	210	200	28.000 27.948	106.0 105.8	330.057 330.000	340.075 340.018	-	-	-	-
710	125.040 125.015	M30x60	210	200	32.000 31.938	132.0 131.8	360.057 360.000	370.075 370.018	-	-	-	-



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type B4 –Foot Mounted Units	
Quadruple Reduction – Right Angle Shafts - Principal Dimensions (mm)	
DIMENSIONS	
SHAFT HANDING/ ROTATION	
<p>Opposite Rotation Available</p>	



AGNEE HELICAL & BEVEL HELICAL GEAR BOX

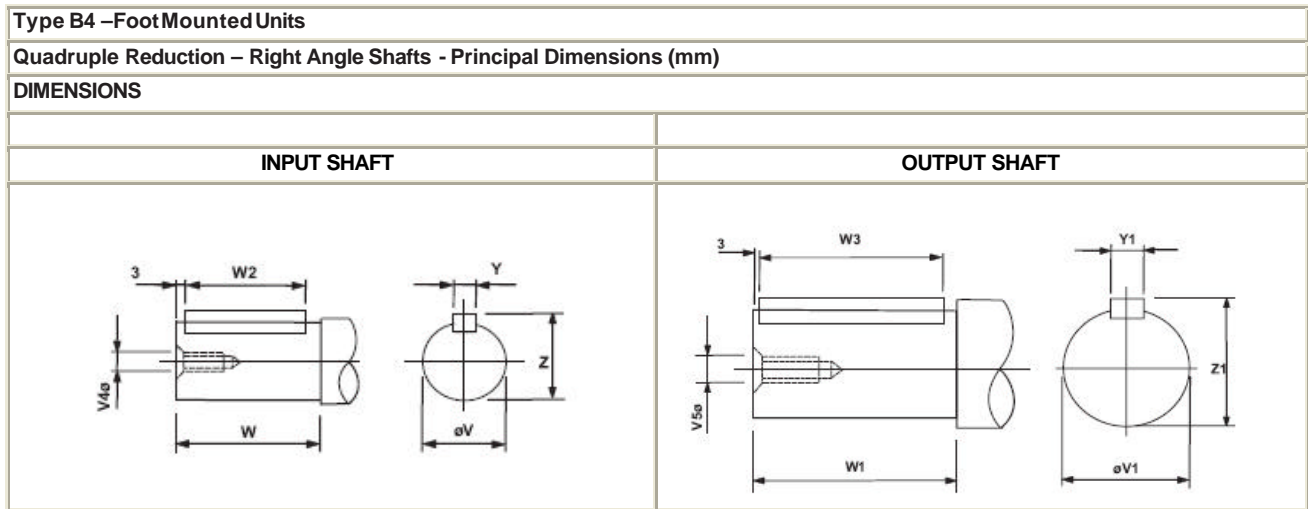


Type B4 –Foot Mounted Units													
Quadruple Reduction – Right Angle Shafts - Principal Dimensions (mm)													
DIMENSIONS													
Unit size	A	B	D	E	F	G	H	J	K	K1	L	M	N
140	140	490	160	174	135	190	224	490	-	-	120	580	165
160	160	537	180	194	155	225	260	540	-	-	135	640	185
180	180	595	200	214	173	250	290	600	-	-	147.5	705	200
200	200	657	225	239	180	265	310	670	-	-	165	790	225
225	225	735	250	267	203	280	340	750	-	-	185	880	250
250	250	820	280	298	215	300	370	850	-	-	210	990	280
280	280	910	315	327	237	335	410	950	475	-	240	1100	315
315	315	1020	355	350	256	375	450	1060	530	-	270	1230	355
355	355	1125	400	405	286	425	500	1180	600	-	305	1370	400
400	400	1255	450	456	320	475	560	1340	670	-	350	1540	450
450	450	1395	500	497	360	530	640	1500	750	-	395	1710	500
500	500	1570	560	552	410	630	720	1680	560	560	440	1920	560
560	560	1760	630	679	435	670	770	1890	630	630	505	2140	630
630	630	1950	710	754	480	750	860	2130	710	710	575	2400	710
710	710	2200	800	850	550	850	980	2400	800	800	655	2690	800

Unit size	P1	Q	R	S	T	U	U1	V	V1	W	W1
140	495	140	14	4x12	20	100	60	18	70	40	140
160	540	160	18	4x16	20	110	70	18	75	40	140
180	600	175	18	4x16	25	120	85	20	85	50	170
200	660	185	22	4x20	25	125	90	25	90	60	170
225	740	205	22	4x20	30	130	95	28	100	60	210
250	825	220	26	4x24	30	140	115	28	110	60	210
280	915	240	26	6x24	35	160	125	32	125	80	210
315	1025	260	33	6x30	40	180	130	38	140	80	250
355	1130	290	33	6x30	50	200	155	45	160	110	300
400	1260	325	39	6x36	55	220	175	50	180	110	300
450	1400	365	39	6x36	60	250	195	55	200	110	350
500	1575	420	45	8x42	65	280	220	65	220	140	350
560	1765	445	45	8x42	70	320	240	75	240	140	410
630	1960	490	52	8x48	75	350	280	85	280	170	470
710	2210	560	52	8x48	80	370	320	90	320	170	470



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Unit size	Input Shafts						Output Shafts					
	V	V4	W	W2	Y	Z	V1	V5	W1	W3	Y1	Z1
140	18.008	M6x16	40	34	6.000	20.5	70.030	M24x52	140	130	20.000	74.5
	17.997				5.970	20.4	70.011					
160	18.008	M6x16	40	34	6.000	20.5	75.030	M24x52	140	130	20.000	79.5
	17.997				5.970	20.4	75.011					
180	20.009	M6x16	50	43	6.000	22.5	85.035	M24x52	170	160	22.000	90.0
	19.996				5.970	22.4	85.013					
200	25.009	M8x18	60	53	8.000	28.0	90.035	M24x50	170	160	25.000	95.0
	24.996				7.964	27.8	90.013					
225	28.009	M8x18	60	53	8.000	31.0	100.035	M24x50	210	200	28.000	106.0
	27.996				7.964	30.8	100.013					
250	28.009	M8x18	60	53	8.000	31.0	110.035	M30x60	210	200	28.000	116.0
	27.996				7.964	30.8	110.013					
280	32.018	M8x18	80	73	10.000	35.0	125.040	M30x60	210	200	32.000	132.0
	32.002				9.964	34.8	125.015					
315	38.018	M16x32	80	73	10.000	41.0	140.040	M30x60	250	240	36.000	148.0
	38.002				9.964	40.8	140.015					
355	45.018	M16x32	110	102	14.000	48.5	160.040	M42x80	300	290	40.000	169.0
	45.002				13.957	48.3	160.015					
400	50.018	M16x32	110	102	14.000	53.5	180.040	M42x80	300	290	45.000	190.0
	50.002				13.957	53.3	180.015					
450	55.030	M16x32	110	102	16.000	59.0	200.046	M42x80	350	340	45.000	210.0
	55.011				15.957	58.8	200.017					
500	65.030	M24x50	140	130	18.000	69.0	220.046	M56x105	350	340	50.000	231.0
	65.011				17.957	68.8	220.017					
560	75.030	M24x50	140	130	20.000	79.5	240.046	M56x105	410	400	56.000	252.0
	75.011				19.948	79.3	240.017					
630	85.035	M24x50	170	160	22.000	90.0	280.052	M56x105	470	460	63.000	292.0
	85.013				21.948	89.8	280.020					
710	90.035	M24x50	170	160	25.000	95.0	320.057	M56x105	470	460	70.000	334.0
	90.013				24.948	94.8	320.021					



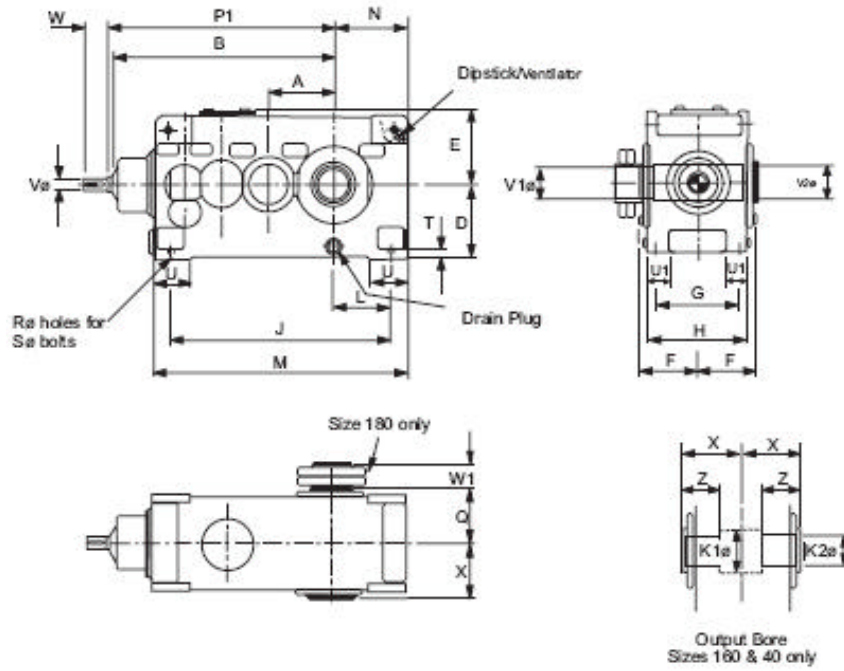
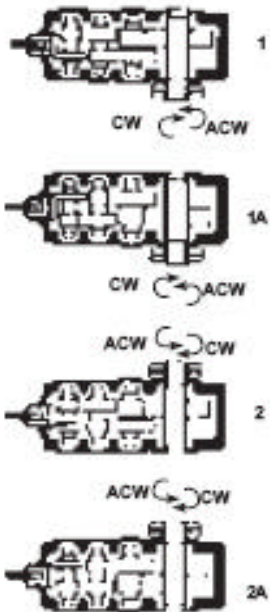
AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Type B4SF –Foot /Shaft Mounted Units
Quadruple Reduction – Right Angle Shafts- Principal Dimensions (mm)
DIMENSIONS

SHAFT HANDING/ ROTATION

Opposite Rotation Available



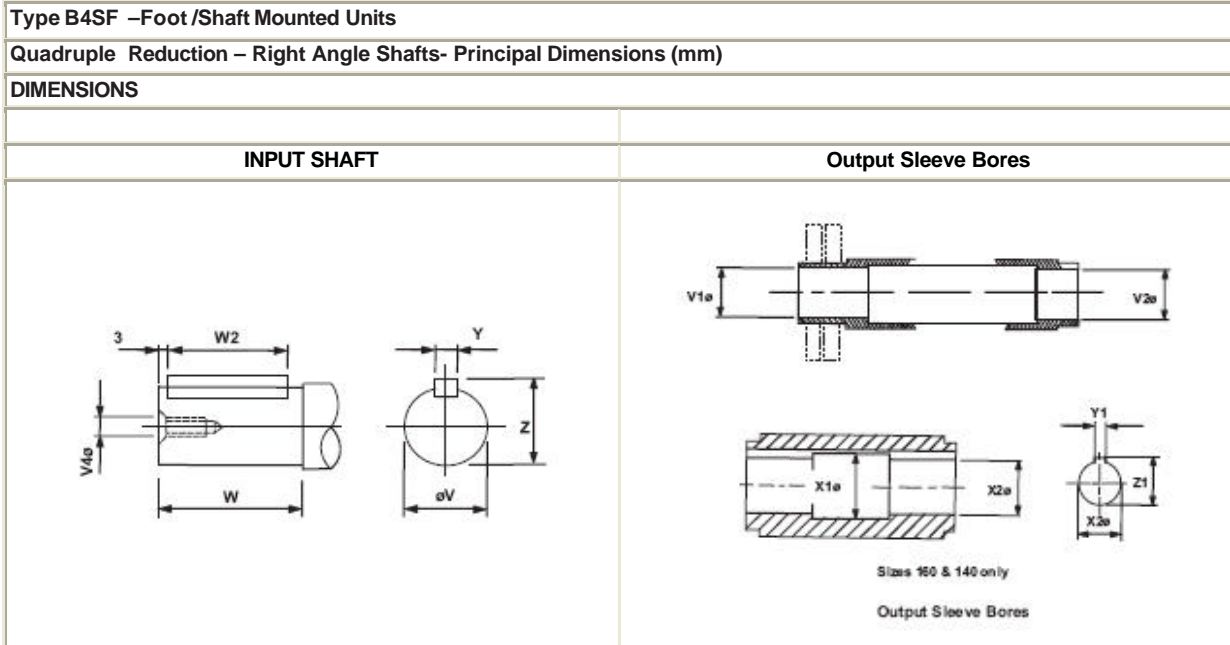
DIMENSIONS

Unit size	A	B	D	E	F	G	H	J	L	M	N	P1	Q
140	140	490	160	174	135	190	224	490	120	580	165	495	-
160	160	537	180	194	155	225	260	540	135	640	185	540	-
180	180	595	200	214	173	250	290	600	147.5	705	200	600	175

Unit size	R	S	T	U	U1	V	V1	V2	W	W1	X	Z	K1	K2
140	14	4x12	20	100	60	18	-	-	40	-	140	75	76	75
160	18	4x16	20	110	70	18	-	-	40	-	160	85	86	85
180	18	4x16	25	120	85	20	85	90	50	65	175	-	-	-



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Unit size	Input shafts						Output Sleeve Bores					
	V	V4	W	W2	Y	Z	V1	V2	K1	K2	M	N
140	18.008	M6x16	40	34	6.000	20.5	-	-	76	75.060	80.1	20.026
	17.997				5.970	20.4				75.030	79.9	19.974
160	18.008	M6x16	40	34	6.000	20.5	-	-	86	85.071	90.6	22.026
	17.997				5.970	20.4				85.036	90.4	21.974
180	20.009	M6x16	50	43	6.000	22.5	85.035	90.047	-	-	-	-
	19.996				5.970	22.4	85.000	90.012				



AGNEE HELICAL & BEVEL HELICAL GEAR BOX



Dear User

Kindly furnish the following Technical Data and Information for selection of Helical and Bevel Helical Gear Box

- 1) Application
- 2) Prime Mover (Electric motor / Hydraulic motor) :
- 3) Input Shaft (rpm)
- 4) Output Speed (rpm)
- 5) Reduction Ratio:
- 6) Input Power (HP/ Kw):
- 7) Output Torque (kg - m or Nm):
- 8) Load Nature Uniform (U)/ Moderate Shock (M) / Heavy shock (H):
- 9) Service Duration (Hrs):
(Daily operating hours)
- 10) Operating Cycle (Minutes cycle):
- 11) Operating Position:

For your specific Reduction Ratios, Output speed, Out Torque, Please write to **AGNEE**

AGNEE TRANSMISSIONS (INDIA) PRIVATE LIMITED

F-557, Road No. 6, Inderprasth Industrial Area,
Kota-324005, Rajasthan, India

Phone: 0744-2490773, 2363799 Fax: 2360835

Mobile No.: 09414187835

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