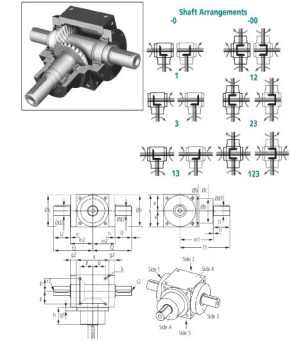




MBA

Gearboxes - Power - Series FL



VP.FL Series.

Casing: Spheroidal graphite iron.

This catalogue to be read in conjunction with information at http://www.minibearings.com.au/ogue/tech/gearboxes/vfl_cat.pdf
http://www.minibearings.com.au/ogue/tech/gearboxes/vxl_tech.pdf

Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm	Øb h7 mm	Øc mm	Ød2 k6 mm	e mm	f2 mm	g1 mm
			<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>
# VP75FL2-1	2 : 1	1	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL2-1	2 : 1	1	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL2-1	2 : 1	1	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL2-1	2 : 1	1	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm	Øb h7 mm	Øc mm	Ød2 k6 mm	e mm	f2 mm	g1 mm
			<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>
# VP170FL2-1	2 : 1	1	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL2-1	2 : 1	1	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL2-1	2 : 1	1	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL2-1	2 : 1	1	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL2-12	2 : 1	1	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL2-3	2 : 1	3	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL2-3	2 : 1	3	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL2-3	2 : 1	3	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL2-3	2 : 1	3	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL2-3	2 : 1	3	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP210FL2-3	2 : 1	3	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL2-3	2 : 1	3	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL2-3	2 : 1	3	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL2-23	2 : 1	3	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL2-12	2 : 1	12	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL2-12	2 : 1	12	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL2-12	2 : 1	12	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL2-12	2 : 1	12	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL2-12	2 : 1	12	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL2-12	2 : 1	12	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP240FL2-12	2 : 1	12	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL2-13	2 : 1	13	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL2-13	2 : 1	13	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL2-13	2 : 1	13	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL2-13	2 : 1	13	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL2-13	2 : 1	13	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL2-13	2 : 1	13	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL2-13	2 : 1	13	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL2-13	2 : 1	13	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL2-123	2 : 1	13	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP75FL2-23	2 : 1	23	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL2-23	2 : 1	23	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL2-23	2 : 1	23	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL2-23	2 : 1	23	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL2-23	2 : 1	23	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL2-23	2 : 1	23	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL2-23	2 : 1	23	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL2-123	2 : 1	123	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL2-123	2 : 1	123	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL2-123	2 : 1	123	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP140FL2-123	2 : 1	123	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL2-123	2 : 1	123	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL2-123	2 : 1	123	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL2-123	2 : 1	123	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL3-1	3 : 1	1	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL3-1	3 : 1	1	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL3-1	3 : 1	1	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL3-1	3 : 1	1	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL3-1	3 : 1	1	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL3-1	3 : 1	1	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP240FL3-1	3 : 1	1	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL3-1	3 : 1	1	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL3-12	3 : 1	1	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL3-3	3 : 1	3	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL3-3	3 : 1	3	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL3-3	3 : 1	3	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL3-3	3 : 1	3	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL3-3	3 : 1	3	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL3-3	3 : 1	3	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL3-3	3 : 1	3	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP280FL3-3	3 : 1	3	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL3-23	3 : 1	3	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL3-12	3 : 1	12	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL3-12	3 : 1	12	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL3-12	3 : 1	12	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL3-12	3 : 1	12	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL3-12	3 : 1	12	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL3-12	3 : 1	12	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL3-12	3 : 1	12	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL3-13	3 : 1	13	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP90FL3-13	3 : 1	13	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL3-13	3 : 1	13	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL3-13	3 : 1	13	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL3-13	3 : 1	13	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL3-13	3 : 1	13	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL3-13	3 : 1	13	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL3-13	3 : 1	13	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL3-123	3 : 1	13	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL3-23	3 : 1	23	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL3-23	3 : 1	23	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm	Øb h7 mm	Øc mm	Ød2 k6 mm	e mm	f2 mm	g1 mm
			<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>
# VP110FL3-23	3 : 1	23	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL3-23	3 : 1	23	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL3-23	3 : 1	23	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL3-23	3 : 1	23	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL3-23	3 : 1	23	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL3-123	3 : 1	123	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL3-123	3 : 1	123	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL3-123	3 : 1	123	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL3-123	3 : 1	123	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL3-123	3 : 1	123	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP210FL3-123	3 : 1	123	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL3-123	3 : 1	123	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL4-1	4 : 1	1	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL4-1	4 : 1	1	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL4-1	4 : 1	1	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL4-1	4 : 1	1	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL4-1	4 : 1	1	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL4-1	4 : 1	1	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL4-1	4 : 1	1	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL4-1	4 : 1	1	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP280FL4-12	4 : 1	1	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL4-3	4 : 1	3	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL4-3	4 : 1	3	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL4-3	4 : 1	3	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL4-3	4 : 1	3	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL4-3	4 : 1	3	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL4-3	4 : 1	3	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL4-3	4 : 1	3	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL4-23	4 : 1	3	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL4-3	4 : 1	3	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm	Øb h7 mm	Øc mm	Ød2 k6 mm	e mm	f2 mm	g1 mm
			<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>
# VP75FL4-12	4 : 1	12	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL4-12	4 : 1	12	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL4-12	4 : 1	12	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL4-12	4 : 1	12	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL4-12	4 : 1	12	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL4-12	4 : 1	12	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL4-12	4 : 1	12	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL4-13	4 : 1	13	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL4-13	4 : 1	13	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL4-13	4 : 1	13	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP140FL4-13	4 : 1	13	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL4-13	4 : 1	13	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL4-13	4 : 1	13	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL4-13	4 : 1	13	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL4-13	4 : 1	13	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL4-123	4 : 1	13	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL4-23	4 : 1	23	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL4-23	4 : 1	23	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL4-23	4 : 1	23	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL4-23	4 : 1	23	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP170FL4-23	4 : 1	23	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL4-23	4 : 1	23	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL4-23	4 : 1	23	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL4-123	4 : 1	123	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL4-123	4 : 1	123	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL4-123	4 : 1	123	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL4-123	4 : 1	123	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL4-123	4 : 1	123	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL4-123	4 : 1	123	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL4-123	4 : 1	123	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP75FL5-1	5 : 1	1	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL5-1	5 : 1	1	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL5-1	5 : 1	1	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL5-1	5 : 1	1	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL5-1	5 : 1	1	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL5-1	5 : 1	1	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL5-1	5 : 1	1	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL5-1	5 : 1	1	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL5-12	5 : 1	1	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL5-3	5 : 1	3	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP90FL5-3	5 : 1	3	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL5-3	5 : 1	3	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL5-3	5 : 1	3	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL5-3	5 : 1	3	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL5-3	5 : 1	3	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL5-3	5 : 1	3	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL5-23	5 : 1	3	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL5-3	5 : 1	3	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL5-12	5 : 1	12	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL5-12	5 : 1	12	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP110FL5-12	5 : 1	12	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL5-12	5 : 1	12	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL5-12	5 : 1	12	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL5-12	5 : 1	12	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL5-12	5 : 1	12	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL5-13	5 : 1	13	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL5-13	5 : 1	13	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL5-13	5 : 1	13	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL5-13	5 : 1	13	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL5-13	5 : 1	13	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP210FL5-13	5 : 1	13	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL5-13	5 : 1	13	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL5-123	5 : 1	13	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL5-13	5 : 1	13	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL5-23	5 : 1	23	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL5-23	5 : 1	23	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL5-23	5 : 1	23	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL5-23	5 : 1	23	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL5-23	5 : 1	23	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL5-23	5 : 1	23	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP240FL5-23	5 : 1	23	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL5-123	5 : 1	123	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL5-123	5 : 1	123	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL5-123	5 : 1	123	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL5-123	5 : 1	123	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL5-123	5 : 1	123	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL5-123	5 : 1	123	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL5-123	5 : 1	123	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL1-1	1 : 1	1	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL1-1	1 : 1	1	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP110FL1-1	1 : 1	1	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL1-1	1 : 1	1	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL1-1	1 : 1	1	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL1-1	1 : 1	1	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL1-1	1 : 1	1	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL1-1	1 : 1	1	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL1-12	1 : 1	1	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL1-3	1 : 1	3	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL1-3	1 : 1	3	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL1-3	1 : 1	3	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP140FL1-3	1 : 1	3	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL1-3	1 : 1	3	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL1-3	1 : 1	3	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL1-3	1 : 1	3	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP280FL1-23	1 : 1	3	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL1-3	1 : 1	3	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL1-12	1 : 1	12	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL1-12	1 : 1	12	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL1-12	1 : 1	12	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL1-12	1 : 1	12	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP170FL1-12	1 : 1	12	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL1-12	1 : 1	12	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL1-12	1 : 1	12	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL1-13	1 : 1	13	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL1-13	1 : 1	13	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL1-13	1 : 1	13	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL1-13	1 : 1	13	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL1-13	1 : 1	13	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL1-13	1 : 1	13	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL1-13	1 : 1	13	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP280FL1-123	1 : 1	13	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP280FL1-13	1 : 1	13	280 <i>11.024</i>	275 <i>10.827</i>	200 <i>7.874</i>	60 <i>2.362</i>	140 <i>5.512</i>	276 <i>10.866</i>	25 <i>0.984</i>
# VP75FL1-23	1 : 1	23	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>
# VP90FL1-23	1 : 1	23	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL1-23	1 : 1	23	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL1-23	1 : 1	23	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL1-23	1 : 1	23	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL1-23	1 : 1	23	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL1-23	1 : 1	23	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>
# VP75FL1-123	1 : 1	123	75 <i>2.953</i>	73 <i>2.874</i>	72 <i>2.835</i>	16 <i>0.630</i>	37.50 <i>1.476</i>	84 <i>3.307</i>	15 <i>0.591</i>

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Gearboxes - Power - Series FL

Part Number	Ratio	Shaft Arrangement	a mm <i>inches</i>	Øb h7 mm <i>inches</i>	Øc mm <i>inches</i>	Ød2 k6 mm <i>inches</i>	e mm <i>inches</i>	f2 mm <i>inches</i>	g1 mm <i>inches</i>
# VP90FL1-123	1 : 1	123	90 <i>3.543</i>	88 <i>3.465</i>	86 <i>3.386</i>	18 <i>0.709</i>	45 <i>1.772</i>	97 <i>3.819</i>	15 <i>0.591</i>
# VP110FL1-123	1 : 1	123	110 <i>4.331</i>	108 <i>4.252</i>	106 <i>4.173</i>	22 <i>0.866</i>	55 <i>2.165</i>	112 <i>4.409</i>	15 <i>0.591</i>
# VP140FL1-123	1 : 1	123	140 <i>5.512</i>	135 <i>5.315</i>	104 <i>4.094</i>	32 <i>1.260</i>	70 <i>2.756</i>	137 <i>5.394</i>	15 <i>0.591</i>
# VP170FL1-123	1 : 1	123	170 <i>6.693</i>	165 <i>6.496</i>	128 <i>5.039</i>	40 <i>1.575</i>	85 <i>3.346</i>	162 <i>6.378</i>	15 <i>0.591</i>
# VP210FL1-123	1 : 1	123	210 <i>8.268</i>	205 <i>8.071</i>	160 <i>6.299</i>	50 <i>1.969</i>	105 <i>4.134</i>	202 <i>7.953</i>	20 <i>0.787</i>
# VP240FL1-123	1 : 1	123	240 <i>9.449</i>	235 <i>9.252</i>	180 <i>7.087</i>	55 <i>2.165</i>	120 <i>4.724</i>	231 <i>9.094</i>	25 <i>0.984</i>

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