

REDUCERS

HIGH YIELD, LOW-TEMP, WPB, FORGED, IRON

REV: 05/2021

QTY	SIZE 1 (LE)	SIZE 2 (SE)	SCH.	CL/W.T. (LE)	W.T. (SE)	ENDS	TYPE	GRADE
1	2	1	XH	0.218	0.179	BE	CONC	Y52
1	2 1/2	2	XH	0.276	0.218	BE	CONC	Y52
4	2 1/2	2	XXH	0.552	0.436	BE	CONC	Y52
1	3	2	STD	0.216	0.154	BE	CONC	Y42
2	3	2	STD	0.216	0.154	BE	CONC	Y52
1	3	2 1/2	STD	0.216	0.203	BE	ECC	Y52
3	3	2 1/2	XH	0.300	0.276	BE	CONC	Y52
1	4	2	STD	0.237	0.154	BE	CONC	Y52
4	4	2	STD	0.237	0.154	BE	ECC	Y52
9	4	2	STD X XH	0.237	0.218	BE	CONC	Y52
2	4	2	XH	0.337	0.218	BE	CONC	Y52
3	4	2	XH X S/160	0.337	0.344	BE	CONC	Y52



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2	4	3	STD	0.237	0.216	BE	CONC	Y52
9	4	3	STD	0.237	0.216	BE	CONC	Y52
9	4	3	STD	0.237	0.216	BE	ECC	Y52
1	4	3	STD	0.237	0.216	BE	CONC	Y52 / WPL6
1	4	3	XH	0.337	0.300	BE	CONC	Y52
1	4	3	XH	0.337	0.300	BE	CONC	Y52
1	4	3	XH	0.337	0.300	BE	CONC	Y52 / WPL6
1	4	3	XH X XXH	0.337	0.600	BE	CONC	Y42
8	4	3	S/120 X S/160	0.438	0.438	BE	CONC	Y52
7	6	3	STD	0.280	0.216	BE	CONC	Y52
2	6	3	STD	0.280	0.216	BE	CONC	Y52
1	6	3	STD	0.280	0.216	BE		Y52 / WPL6



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QTY	SIZE 1 (LE)	SIZE 2 (SE)	SCH.	CL/W.T. (LE)	W.T. (SE)	ENDS	TYPE	GRADE
1	6	3	XH	0.432	0.300	BE	CONC	Y52
1	6	4	STD	0.280	0.237	BE	CONC	Y52
2	6	4	STD	0.280	0.237	BE	ECC	Y52
1	6	4	STD X XH	0.280	0.337	BE	CONC	Y65
1	6	4	XH	0.432	0.337	BE	ECC	Y52 / WPL6
1	8	3	STD	0.322	0.216	BE	CONC	Y52
4	8	3	STD	0.322	0.216	BE	CONC	Y52 / WPL6
2	8	4	STD	0.322	0.237	BE	CONC	Y52
5	8	4	STD	0.322	0.237	BE	CONC	Y52
1	8	4	STD	0.322	0.237	BE	ECC	Y52
2	8	4	XH	0.500	0.337	BE	ECC	Y52
2	8	6	S/20 X STD	0.250	0.280	BE	ECC	Y52



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1	8	6	STD	0.322	0.280	BE	ECC	Y52 / WPL6
1	8	6	STD	0.322	0.280	BE	ECC	Y52 / WPL6
1	10	3	STD	0.365	0.216	BE	CONC	Y52
1	10	3	STD	0.365	0.216	BE	CONC	Y52
1	10	4	S/20	0.250		BE	CONC	Y52
1	10	4	STD	0.365	0.237	BE	CONC	Y42
5	10	4	STD	0.365	0.237	BE	CONC	Y52
1	10	4	STD	0.365	0.237	BE	ECC	Y52
1	10	4	STD	0.365	0.237	BE	CONC	Y60
1	10	4	XH	0.500	0.337	BE	CONC	Y52
2	10	6	STD	0.365	0.280	BE	CONC	Y52
1	10	6	STD	0.365	0.280	BE	CONC	Y52



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QTY	SIZE 1 (LE)	SIZE 2 (SE)	SCH.	CL/W.T. (LE)	W.T. (SE)	ENDS	TYPE	GRADE
1	10	6	XH	0.500	0.432	BE	ECC	Y52
2	10	8		0.188	0.188	BE	CONC	Y52
2	10	8	STD	0.365	0.322	BE	CONC	Y52
1	10	8	STD	0.365	0.322	BE	CONC	Y52
1	10	8	STD	0.365	0.322	BE	CONC	Y52
1	10	8	STD	0.365	0.322	BE	ECC	Y52 / WPL6
1	10	8	STD	0.365	0.322	BE	CONC	Y60
1	10	8	XH	0.500	0.500	BE	ECC	Y52 / WPL6
2	12	4	STD	0.375	0.237	BE	CONC	Y52
1	12	4	XH	0.500	0.337	BE	CONC	Y52
1	12	6	STD	0.375	0.280	BE	CONC	Y42
2	12	6	STD	0.375	0.280	BE	CONC	Y52



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2	12	6	STD	0.375	0.280	BE	ECC	Y52
1	12	6	STD	0.375	0.280	BE	CONC	Y65
2	12	6	S/80	0.688	0.432	BE	CONC	Y60
2	12	8	S/20	0.250	0.250	BE	CONC	Y52 / WPL6
1	12	8	S/20 x STD	0.250	0.322	BE	ECC	Y52
1	12	8	STD	0.375	0.322	BE	CONC	Y60
2	12	8	XH	0.500	0.500	BE	ECC	Y65
3	12	8	S/80	0.688	0.500	BE	CONC	Y52
1	12	10	STD	0.375	0.365	BE	CONC	Y52
3	12	10	XH	0.500	0.500	BE	CONC	Y52
2	12	10	XH	0.500	0.500	BE	ECC	Y52
2	12	10	XH	0.500	0.500	BE	CONC	Y60



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1	12	10	XH	0.500	0.500	BE	CONC	Y60
2	12	10	S/80	0.688	0.594	BE	CONC	Y65
1	14	8	S/80	0.750	0.500	BE	CONC	Y52
1	14	12	STD	0.375	0.375	BE	CONC	Y52
1	14	12	STD	0.375	0.375	BE	CONC	Y52
1	16	4	STD	0.375	0.237	BE	CONC	Y60
1	16	8	STD	0.375	0.322	BE	CONC	Y52
1	16	8	STD	0.375	0.322	BE	CONC	Y52 / WPL6
7	16	8	STD	0.375	0.322	BE	CONC	Y60
1	16	8	STD	0.375	0.322	BE	CONC	Y70
1	16	8	S/40	0.500	0.322	BE	CONC	Y52



REDUCERS

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QTY	SIZE 1 (LE)	SIZE 2 (SE)	SCH.	CL/W.T. (LE)	W.T. (SE)	ENDS	TYPE	GRADE
2	16	8	XH X STD	0.500	0.322	BE	CONC	Y60
1	16	8	XH	0.500	0.500	BE	ECC	Y52
1	16	8	XH	0.500	0.500	BE	CONC	Y60
1	16	8	S/60	0.656	0.406	BE	ECC	Y52
1	16	10	STD	0.375	0.365	BE	CONC	Y52
2	16	10	STD	0.375	0.365	BE	CONC	Y60
3	16	10	XH X S/30	0.500	0.307	BE	CONC	Y60
1	16	10	XH X S/30	0.500	0.307	BE	CONC	Y60
3	16	10	XH X STD	0.500	0.365	BE	CONC	Y52
1	16	10	XH X STD	0.500	0.365	BE	CONC	Y52
2	16	10	XH	0.500	0.500	BE	CONC	Y52
1	16	10	XH	0.500	0.500	BE	CONC	Y65



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1	16	10	XH	0.500	0.500	BE	ECC	Y65
1	16	10	.625 X XH	0.625	0.500	BE	CONC	Y52
2	16	10	.625 X XH	0.625	0.500	BE	CONC	Y60
1	16	12	STD	0.375	0.375	BE	CONC	Y52
2	16	12	STD	0.375	0.375	BE	CONC	Y52
1	16	12	STD	0.375	0.375	BE	ECC	Y52
1	16	12	STD	0.375	0.375	BE	CONC	Y52 / WPL6
1	16	12	STD	0.375	0.375	FLG	CONC	Y52/Y60
1	16	12	XH X STD	0.500	0.375	BE	CONC	Y52
1	16	12	XH X STD	0.500	0.375	BE	CONC	Y60
1	16	12	XH	0.500	0.500	BE	CONC	Y60
4	16	12	XH	0.500	0.500	BE	CONC	Y65



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1	16	12		0.625	0.625	BE	CONC	Y52
1	16	12	S/60	0.656	0.562	BE	ECC	Y52
1	18	10	XH X STD	0.500	0.365	BE	CONC	Y52
2	18	12	XH	0.500	0.500	BE	CONC	Y52
1	18	12	.625 X XH	0.625	0.500	BE	CONC	Y52
1	18	14	.625 X XH	0.625	0.500	BE	ECC	Y52
1	18	16	STD	0.375	0.375	BE	CONC	Y60
1	18	16	XH X STD	0.500	0.375	BE	CONC	Y52
6	20	4	STD	0.375	0.237	BE	CONC	Y60
7	20	6	STD	0.375	0.280	BE	CONC	Y60
6	20	8	STD	0.375	0.322	BE	CONC	Y60
1	20	10	STD	0.375	0.365	BE	CONC	Y60



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1	20	10	STD	0.375	0.365	BE	CONC	Y60
1	20	10	XH	0.500	0.500	BE	CONC	Y60
2	20	12	XH	0.500	0.500	BE	CONC	Y52
1	20	12	XH	0.500	0.500	BE	CONC	Y60
3	20	12	XH	0.500	0.500	BE	CONC	Y65
1	20	12	XH	0.500	0.500	BE	CONC	Y65
4	20	12	.625 X XH	0.625	0.500	BE	CONC	Y70
1	20	12	.750 X STD	0.750	0.375	BE	CONC	Y42
3	20	16	STD	0.375	0.375	BE	CONC	Y52
2	20	16	STD	0.375	0.375	BE	ECC	Y52
2	20	16	STD	0.375	0.375	BE	CONC	Y60
6	20	16	STD	0.375	0.375	BE	CONC	Y65



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1	20	16	STD X XH	0.375	0.500	BE	CONC	Y60
1	20	16	XH X STD	0.500	0.375	BE	CONC	Y65
2	20	16	XH X STD	0.500	0.375	BE	CONC	Y65
1	20	16	XH X STD	0.500	0.375	BE	CONC	Y65
1	20	16	XH X STD	0.500	0.375	BE	ECC	Y65
1	20	16	XH X .432	0.500	0.432	BE	CONC	Y52
1	20	16	XH	0.500	0.500	BE	CONC	Y60
1	20	16	S/40	0.594	0.500	BE	ECC	Y52
2	20	16	S/40	0.594	0.500	BE	CONC	Y60
1	20	16	.625 X XH	0.625	0.500	BE	CONC	Y52
1	20	16		0.625	0.625	BE	CONC	Y70



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1	20	18	STD	0.375	0.375	BE	CONC	Y52
2	20	18	STD	0.375	0.375	BE	CONC	Y56
1	20	18	S/60	0.812	0.750	BE	CONC	Y52
1	20	18	S/80	1.031	0.938	BE	CONC	Y52
1	22	16	STD	0.375	0.375	BE	CONC	Y52
1	22	18	STD	0.375	0.375	BE	ECC	Y52
1	22	20	XH X STD	0.500	0.375	BE	CONC	Y52
1	24	12	XH X STD	0.500	0.375	BE	ECC	Y52
1	24	12	XH X STD	0.500	0.375	BE	CONC	Y70
1	24	12	S/30 X S/40	0.562	0.375	BE	CONC	Y65
2	24	12	.625 X STD	0.625	0.375	BE	CONC	Y60



REDUCERS

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3	24	12		0.750	0.750	BE	CONC	Y52
1	24	12		0.750	0.812	BE	CONC	Y52
4	24	12	S/80	1.219	0.688	BE	CONC	Y60
1	24	14	STD	0.375	0.375	BE	CONC	Y65
1	24	16	STD	0.375	0.375	BE	CONC	Y52
1	24	16	STD	0.375	0.375	BE	CONC	Y60
1	24	16	.406 X STD	0.406	0.375	BE	CONC	Y60
1	24	16	.438 X STD	0.438	0.375	BE	CONC	Y60
1	24	16	XH X STD	0.500	0.375	BE	CONC	Y52
1	24	16	XH X STD	0.500	0.375	BE	CONC	Y60
1	24	16	S/30	0.562	0.375	BE	CONC	Y65
5	24	16	S/30	0.562	0.375	BE	ECC	Y65



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1	24	16	.625 X XH	0.625	0.500	BE	CONC	Y65
2	24	16	S/40 X .562	0.688	0.562	BE	CONC	Y52
16	24	20	STD	0.375	0.375	BE	CONC	Y60
2	24	20	XH X STD	0.500	0.375	BE	CONC	Y60
2	24	20	S/30 X STD	0.562	0.375	BE	ECC	Y65
2	24	20	S/30	0.562	0.500	BE	ECC	Y65
3	24	20	S/30	0.562	0.500	BE	ECC	Y65
1	24	20	S/30	0.562	0.500	BE	ECC	Y65
2	24	20	.625 X XH	0.625	0.500	BE	CONC	Y52
1	24	20	S/80	1.219	1.031	BE	CONC	Y52
5	24	22	XH X STD	0.500	0.375	BE	ECC	Y60
2	26	20	XH X STD	0.500	0.375	BE	CONC	Y52



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REV: 05/2021

QTY	SIZE 1 (LE)	SIZE 2 (SE)	SCH.	CL/W.T. (LE)	W.T. (SE)	ENDS	TYPE	GRADE
1	28	26	XH	0.500	0.500	BE	ECC	Y52
2	30	16		0.562	0.562	BE	CONC	Y60
1	30	20	.300 X STD	0.300	0.375	BE	CONC	Y60
1	30	20	STD	0.375	0.375	BE	ECC	Y60
2	30	20	XH X STD	0.500	0.375	BE	CONC	Y60



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REV: 05/2021

QTY	SIZE 1 (LE)	SIZE 2 (SE)	SCH.	CL/W.T. (LE)	W.T. (SE)	ENDS	TYPE	GRADE
45	30	20	.625 X XH	0.625	0.500	BE	CONC	Y60
1	30	20	.625 X XH	0.625	0.500	BE	CONC	Y70



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REV: 05/2021

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2	30	20	.750 X XH	0.750	0.500	BE	CONC	Y65
1	30	24	STD	0.375	0.375	BE	CONC	Y52
1	30	24	.625 X XH	0.625	0.500	BE	CONC	Y60
1	30	24		0.750	0.625	BE	CONC	Y65
2	30	24	1.0 x S/40	1.000	0.688	BE	CONC	Y65
1	32	24	.562 X XH	0.562	0.500	BE	CONC	Y65
1	36	20	S/40 X XH	0.750	0.500	BE	CONC	Y60
1	36	24	S/30	0.625	0.562	BE	CONC	Y70
1	36	24	S/40 X .625	0.750	0.625	BE	CONC	Y70
1	36	24		0.875	0.875	BE	CONC	Y70
2	36	24		1.250	0.625	BE	CONC	Y65



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REV: 05/2021

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2	36	26	XH	0.500	0.500	BE		Y60
1	36	30	XH X STD	0.500	0.375	BE	ECC	Y42
1	36	30	XH X STD	0.500	0.375	BE	CONC	Y65
2	36	30	S/40 X S/30	0.750	0.625	BE	CONC	Y70
1	36	34	XH	0.500	0.500	BE	CONC	Y60
2	42	24		1.000	0.625	BE	CONC	Y60
4	42	30		0.875	0.625	BE	CONC	Y60
1	42	36	1.0 X S/40	1.000	0.750	BE	CONC	Y70

