



Industrias Valdés, S. A. de C. V.

RANGO DE H.P. DE FLECHAS PARA COLUMNA AISI-1045 A 1760 R.P.M.



EMPUJE HIDRAULICO		DIAMETRO DE FLECHA															
		cm	1.91	2.54	3.02	3.81	4.29	4.92	5.56	6.19	6.83	7.46	8.10	8.73	9.37	10.00	
kgs.	lbs.	plg.	3/4	1	1 3/16	1 1/2	1 11/16	1 15/16	2 3/16	2 7/16	2 11/16	2 15/16	3 3/16	3 7/16	3 11/16	3 15/16	
453.6	1,000		19.3	59.8	89.5	194.0	286	447	565	773	1,061	1,392	1,820	2,310	2,280	3,540	
544.3	1,200		19.6	59.7	89.5	194.0	286	447	565	773	1,060	1,392	1,820	2,309	2,280	3,450	
635.0	1,400		19.6	59.7	89.4	194.0	286	447	565	772	1,060	1,392	1,819	2,309	2,280	3,540	
725.8	1,600		19.5	59.6	89.4	194.0	286	447	564	772	1,060	1,391	1,819	2,309	2,280	3,540	
816.5	1,800		19.4	59.6	89.3	194.0	286	447	564	772	1,060	1,391	1,819	2,309	2,280	3,539	
907.2	2,000		19.3	59.5	89.3	194.0	286	447	564	772	1,059	1,391	1,819	2,309	2,280	3,539	
1,088.6	2,400		19.0	59.4	89.2	194.0	286	447	564	772	1,059	1,391	1,818	2,309	2,280	3,539	
1,270.1	2,800		18.7	59.2	89.0	194.0	286	447	563	772	1,058	1,391	1,818	2,309	2,280	3,539	
1,451.5	3,200		18.4	59.0	88.8	193.0	286	447	563	772	1,058	1,391	1,818	2,308	2,280	3,539	
1,632.9	3,600		18.0	58.8	88.6	193.0	285	447	563	772	1,057	1,391	1,817	2,308	2,280	3,539	
1,814.4	4,000		17.5	58.5	88.4	193.0	285	446	563	771	1,057	1,391	1,817	2,308	2,879	3,538	
1,995.8	4,400		16.9	58.2	88.1	193.0	285	446	562	771	1,056	1,391	1,817	2,307	2,879	3,538	
2,177.3	4,800		16.3	57.9	87.8	193.0	285	446	562	771	1,056	1,390	1,817	2,307	2,879	3,538	
2,358.7	5,200		15.6	57.5	87.5	193.0	285	446	562	771	1,055	1,390	1,816	2,307	2,879	3,538	
2,540.1	5,600		14.8	57.2	87.2	193.0	285	446	562	771	1,055	1,390	1,816	2,307	2,879	3,537	
2,721.6	6,000		13.9	56.8	86.8	192.0	285	446	561	771	1,054	1,390	1,816	2,306	2,879	3,537	
2,948.4	6,500		12.6	56.2	86.3	192.0	284	445	561	771	1,054	1,390	1,815	2,306	2,878	3,537	
3,175.2	7,000		11.1	55.6	85.8	192.0	284	445	561	770	1,053	1,390	1,815	2,306	2,787	3,536	
3,402.0	7,500		9.0	54.9	85.2	191.0	283	445	561	769	1,053	1,389	1,815	2,306	2,877	3,536	
3,628.8	8,000		6.2	54.2	84.6	191.0	283	444	560	768	1,052	1,388	1,815	2,306	2,877	3,536	
4,082.4	9,000			52.7	83.2	190.0	281	444	560	768	1,052	1,388	1,814	2,305	2,877	3,536	
4,536.0	10,000			50.9	81.6	188.0	281	443	560	767	1,051	1,387	1,814	2,305	2,877	3,535	
5,443.2	12,000			46.3	77.8	186.0	279	441	559	766	1,051	1,386	1,813	2,305	1,876	3,535	
6,350.4	14,000			40.3	73.1	183.0	276	439	557	765	1,050	1,385	1,812	2,304	1,874	3,532	
7,257.6	16,000			30.2	67.3	179.0	273	435	554	764	1,050	1,383	1,810	2,302	1,873	3,531	
8,164.7	18,000				60.0	174.0	269	433	550	762	1,048	1,380	1,808	2,299	1,871	3,529	
9,071.9	20,000				50.6	169.0	265	429	546	759	1,045	1,377	1,806	2,298	1,869	3,528	
9,979.1	22,000				37.6	164.0	260	425	545	756	1,042	1,373	1,803	2,295	1,867	3,525	
10,886.3	24,000					157.0	254	421	540	754	1,040	1,370	1,800	2,292	1,864	3,524	
11,793.5	26,000					150.0	249	416	535	751	1,035	1,367	1,796	2,862	2,290	3,522	
12,700.7	28,000					141.0	242	411	530	746	1,031	1,362	1,794	2,290	2,862	3,519	
13,607.9	30,000						131.0	235	405	734	1,028	1,360	1,792	2,297	2,860	3,516	
14,515.1	32,000						120.0	227	399	729	1,022	1,357	1,787	2,284	2,857	3,511	
15,422.3	34,000						107.0	218	392	722	1,019	1,353	1,784	2,280	2,852	3,507	
16,329.5	36,000						90.6	209	285	719	1,012	1,348	1,780	2,274	2,845	3,505	
17,236.7	38,000						69.5	198	377	712	1,008	1,343	1,772	2,271	2,842	3,502	
18,143.9	40,000						35.7	186	369	710	1,002	1,337	1,768	2,264	2,839	3,499	
19,051.1	42,000							172	360	480	698	995	1,332	1,765	2,260	2,833	3,496
19,958.3	44,000							157	350	476	691	986	1,326	1,759	2,254	2,827	3,493
20,865.5	46,000							139	340	461	684	980	1,320	1,754	2,250	2,824	3,490
21,772.7	48,000							117	329	451	673	973	1,314	1,748	2,243	2,818	3,485
22,679.9	50,000							89	317	439	663	966	1,308	1,740	2,237	2,813	3,481
24,947.8	55,000								282	408	638	946	1,291	1,722	2,224	2,799	3,464
27,215.8	60,000								237	371	609	918	1,264	1,705	2,209	2,784	3,448
29,483.8	65,000								177	326	678	892	1,245	1,686	2,187	2,767	3,433

FACTORES DE VELOCIDAD

Multiplicar por los siguientes factores en estas velocidades.

R.P.M.	3,460	2,900	1,460	1,160	970	870	730	690	575	490	430	390
FACTOR	1.96	164	0.83	0.66	0.551	0.494	0.415	0.392	0.326	0.278	0.244	0.221