

Constantes para Gráficos de Control

n	A	A2	A3	c4	1/c4	B3	B4	B5	B6	d2	d3	1/d2	D1	D2	D3	D4
2	2.121	1.880	2.659	0.798	1.253	0.000	3.267	0.000	2.606	1.128	0.853	0.886	0.000	3.686	0.000	3.267
3	1.732	1.023	1.954	0.886	1.128	0.000	2.568	0.000	2.276	1.693	0.888	0.591	0.000	4.358	0.000	2.575
4	1.500	0.729	1.628	0.921	1.085	0.000	2.266	0.000	2.088	2.059	0.880	0.486	0.000	4.698	0.000	2.282
5	1.342	0.577	1.427	0.940	1.064	0.000	2.089	0.000	1.964	2.326	0.864	0.430	0.000	4.918	0.000	2.114
6	1.225	0.483	1.287	0.952	1.051	0.030	1.970	0.029	1.874	2.534	0.848	0.395	0.000	5.079	0.000	2.004
7	1.134	0.419	1.182	0.959	1.042	0.118	1.882	0.113	1.806	2.704	0.833	0.370	0.205	5.204	0.076	1.924
8	1.061	0.373	1.099	0.965	1.036	0.185	1.815	0.179	1.751	2.847	0.820	0.351	0.388	5.307	0.136	1.864
9	1.000	0.337	1.032	0.969	1.032	0.239	1.761	0.232	1.707	2.970	0.808	0.337	0.547	5.394	0.184	1.816
10	0.949	0.308	0.975	0.973	1.028	0.284	1.716	0.276	1.669	3.078	0.797	0.325	0.686	5.469	0.223	1.777
11	0.905	0.285	0.927	0.975	1.025	0.321	1.679	0.313	1.637	3.173	0.787	0.315	0.811	5.535	0.256	1.744
12	0.866	0.266	0.886	0.978	1.023	0.354	1.646	0.346	1.610	3.258	0.778	0.307	0.923	5.594	0.283	1.717
13	0.832	0.249	0.850	0.979	1.021	0.382	1.618	0.374	1.585	3.336	0.770	0.300	1.025	5.647	0.307	1.693
14	0.802	0.235	0.817	0.981	1.019	0.406	1.594	0.398	1.563	3.407	0.763	0.294	1.118	5.696	0.328	1.672
15	0.775	0.223	0.789	0.982	1.018	0.428	1.572	0.421	1.544	3.472	0.756	0.288	1.203	5.740	0.347	1.653
16	0.750	0.212	0.763	0.983	1.017	0.448	1.552	0.440	1.527	3.532	0.750	0.283	1.282	5.782	0.363	1.637
17	0.728	0.203	0.739	0.985	1.016	0.466	1.534	0.459	1.510	3.588	0.744	0.279	1.356	5.820	0.378	1.622
18	0.707	0.194	0.718	0.985	1.015	0.482	1.518	0.475	1.496	3.640	0.739	0.275	1.424	5.856	0.391	1.609
19	0.688	0.187	0.698	0.986	1.014	0.497	1.503	0.490	1.483	3.689	0.733	0.271	1.489	5.889	0.404	1.596
20	0.671	0.180	0.680	0.987	1.013	0.510	1.490	0.503	1.470	3.735	0.729	0.268	1.549	5.921	0.415	1.585
21	0.655	0.173	0.663	0.988	1.013	0.523	1.477	0.516	1.459	3.778	0.724	0.265	1.606	5.951	0.425	1.575
22	0.640	0.167	0.647	0.988	1.012	0.534	1.466	0.528	1.448	3.819	0.720	0.262	1.660	5.979	0.435	1.565
23	0.626	0.162	0.633	0.989	1.011	0.545	1.455	0.539	1.438	3.858	0.716	0.259	1.711	6.006	0.443	1.557
24	0.612	0.157	0.619	0.989	1.011	0.555	1.445	0.549	1.429	3.895	0.712	0.257	1.759	6.032	0.452	1.548
25	0.600	0.153	0.606	0.990	1.010	0.565	1.435	0.559	1.420	3.931	0.708	0.254	1.805	6.056	0.459	1.541

Limites inferior = \bar{x} doble barra - $A2 * r$ barra
 Limites superior = \bar{x} doble barra + $A2 * r$ barra

Limite inferior rango = $D3 * r$ barra
 Limite superior rango = $D4 * r$ barra

X-R

Limites inferior = \bar{x} doble barra - $A3 * s$ barra
 Limites superior = \bar{x} doble barra + $A3 * s$ barra

Limite inferior desviacion = $B3 * s$ barra
 Limite superior desviacion = $B4 * s$ barra

X-S