

TECHNICAL SPECIFICATIONS

REACTIONS ON FIXING ANGLES

IESTAE1024.02

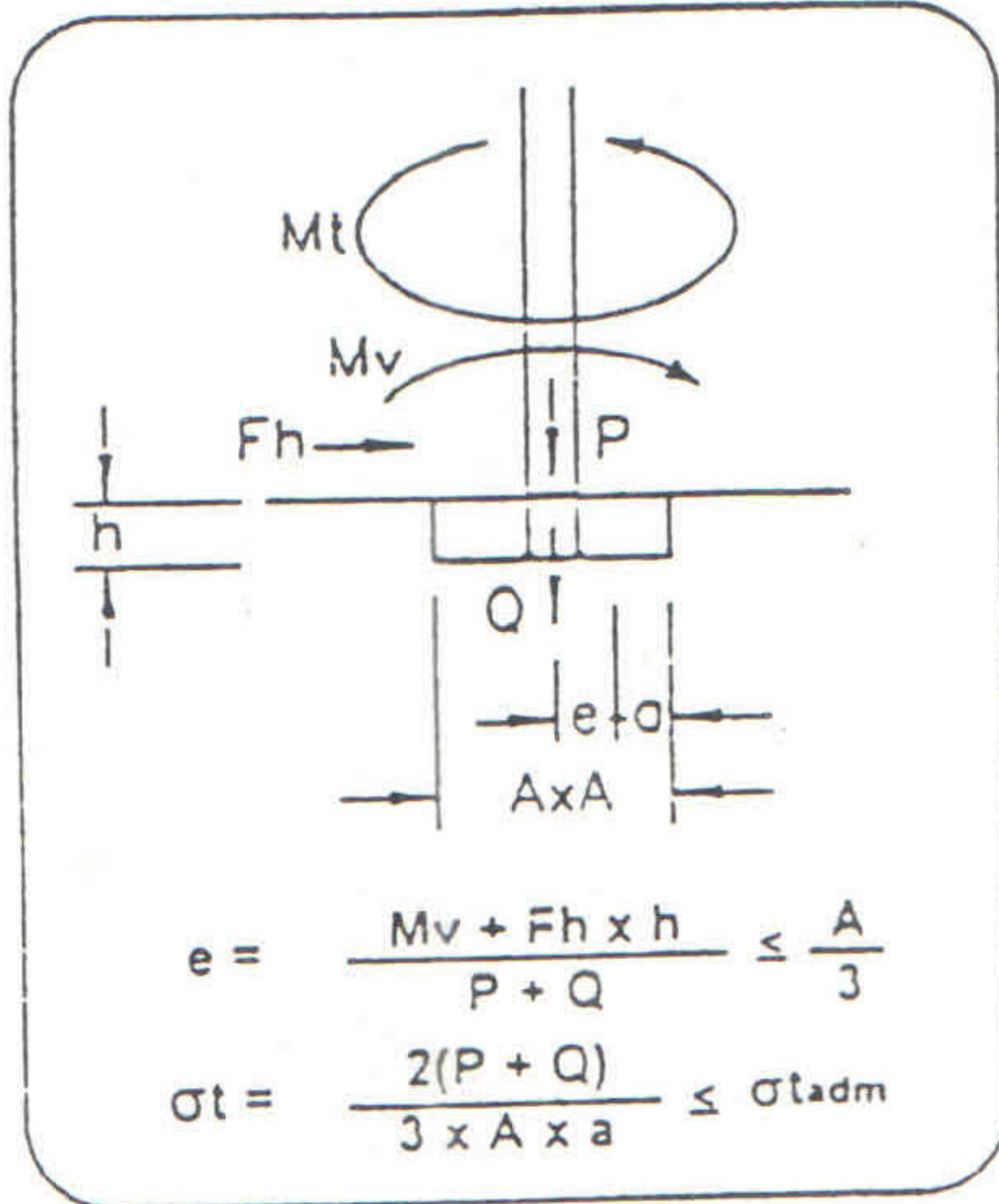
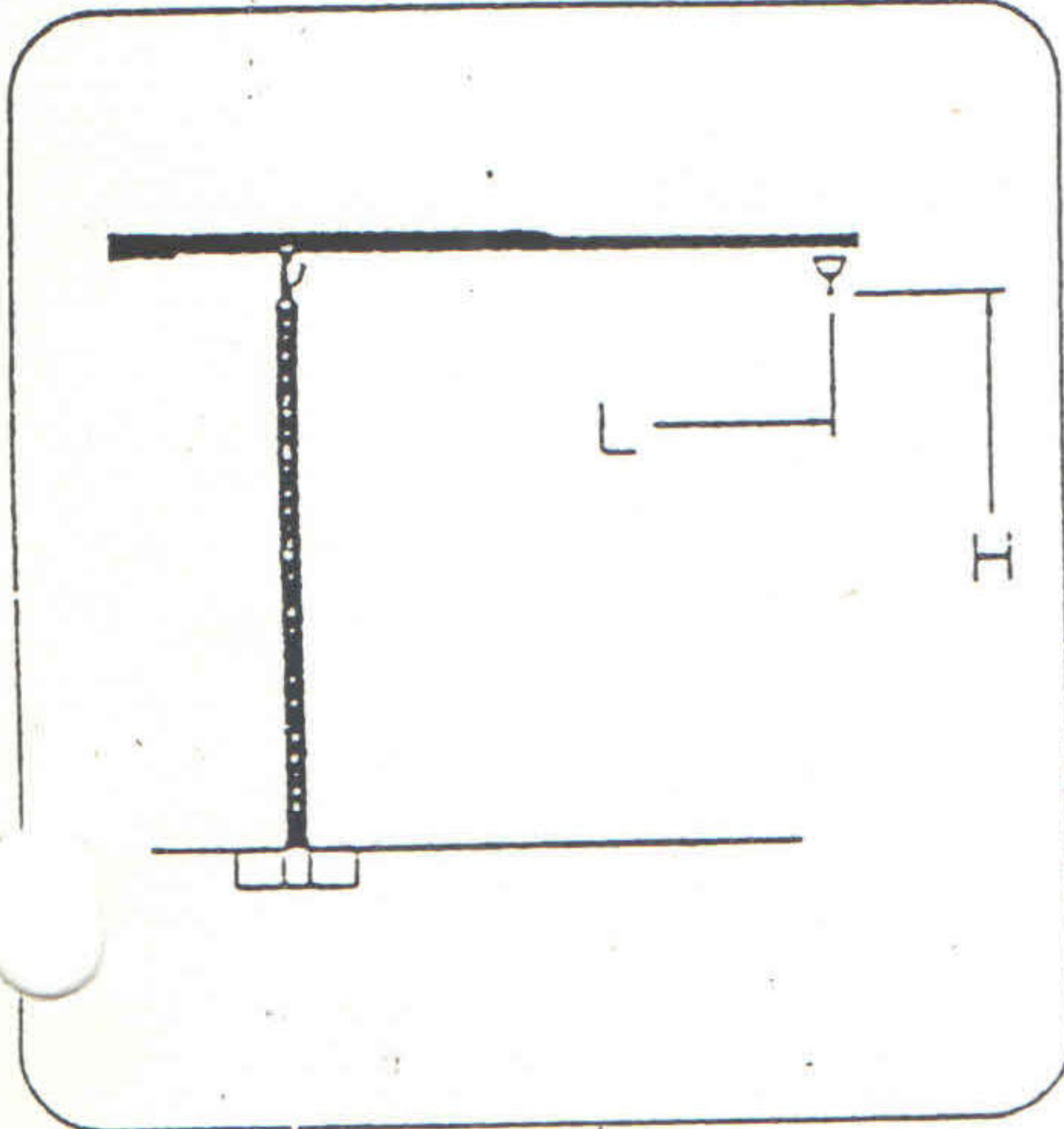
LC-2070

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COMANSA

ES72

SR 6000 kg



- Mt -Torsional moment (kNm)
- Mv -Overturning moment (kNm)
- P -Weight of crane (kN)
- Fh -Horizontal reaction (kN)
- Q -Mass of foundation concrete (kN)
- e -Excentricity (m)
- σ_t -Pressure on ground (kN/m²)
- σ_{adm} -Permissible ground pressure (kN/m²)
- L -Max. hook radius
- H -Hook height
- n -Number of sections
- A -Foundation dimensions

H (m)	n		IN SERVICE							OUT OF SERVICE						
			L (m)							L (m)						
			70	64	60	54	50	44	40	70	64	60	54	50	44	40
63.1	11	Mv	3442	3312	3452	3549	3717	3602	3399	5560	5518	5371	5036	4830	4695	4781
		Fh	40	40	36	36	35	38	38	158	157	156	153	152	150	150
		P	987	958	949	915	912	913	891	927	897	889	855	852	853	831
57.6	10	Mv	3168	3038	3177	3277	3443	3332	3133	4526	4491	4350	4039	3840	3716	3815
		Fh	37	37	37	36	36	36	35	146	145	144	141	140	139	138
		P	954	924	916	882	879	880	858	894	864	856	822	819	820	798
52.1	9	Mv	2914	2790	2928	3031	3196	3088	2893	3594	3565	3430	3141	2949	2836	2938
		Fh	35	35	34	33	33	33	33	134	133	133	129	129	127	126
		P	921	891	883	848	845	846	825	921	831	823	788	785	786	765
46.6	8	Mv	2687	2566	2704	2710	2974	2869	2677	2756	2734	2604	2337	2151	2049	2153
		Fh	32	32	32	31	31	30	30	123	121	121	118	117	115	115
		P	888	858	849	815	812	813	792	828	798	789	755	752	723	732
41.1	7	Mv	2485	2366	2503	2612	2775	2674	2485	2007	1991	1867	1620	1518	1539	1456
		Fh	29	29	29	28	28	28	27	111	110	109	106	105	104	103
		P	854	825	816	782	779	780	758	794	765	756	722	719	720	698
35.6	6	Mv	2304	2188	2324	2436	2599	2500	2314	1342	1331	1273	1377	1518	1539	1405
		Fh	27	26	26	25	25	25	25	99	98	97	94	96	92	91
		P	821	791	783	749	746	747	725	761	731	723	689	686	687	665
30.1	5	Mv	2144	2030	2166	2281	2444	2348	2164	1212	1184	1273	1377	1518	1539	1405
		Fh	24	24	24	23	23	22	22	87	86	86	83	82	80	79
		P	788	758	750	715	712	713	692	728	698	690	655	652	653	632
24.6	4	Mv	2005	1893	2029	2147	2309	2216	2034	1212	1184	1273	1377	1517	1539	1405
		Fh	21	21	21	20	20	20	19	76	75	74	71	70	68	68
		P	755	725	716	682	679	680	659	695	665	656	622	619	620	599
Mt		825	825	550	550	550	550	275	0	0	0	0	0	0	0	



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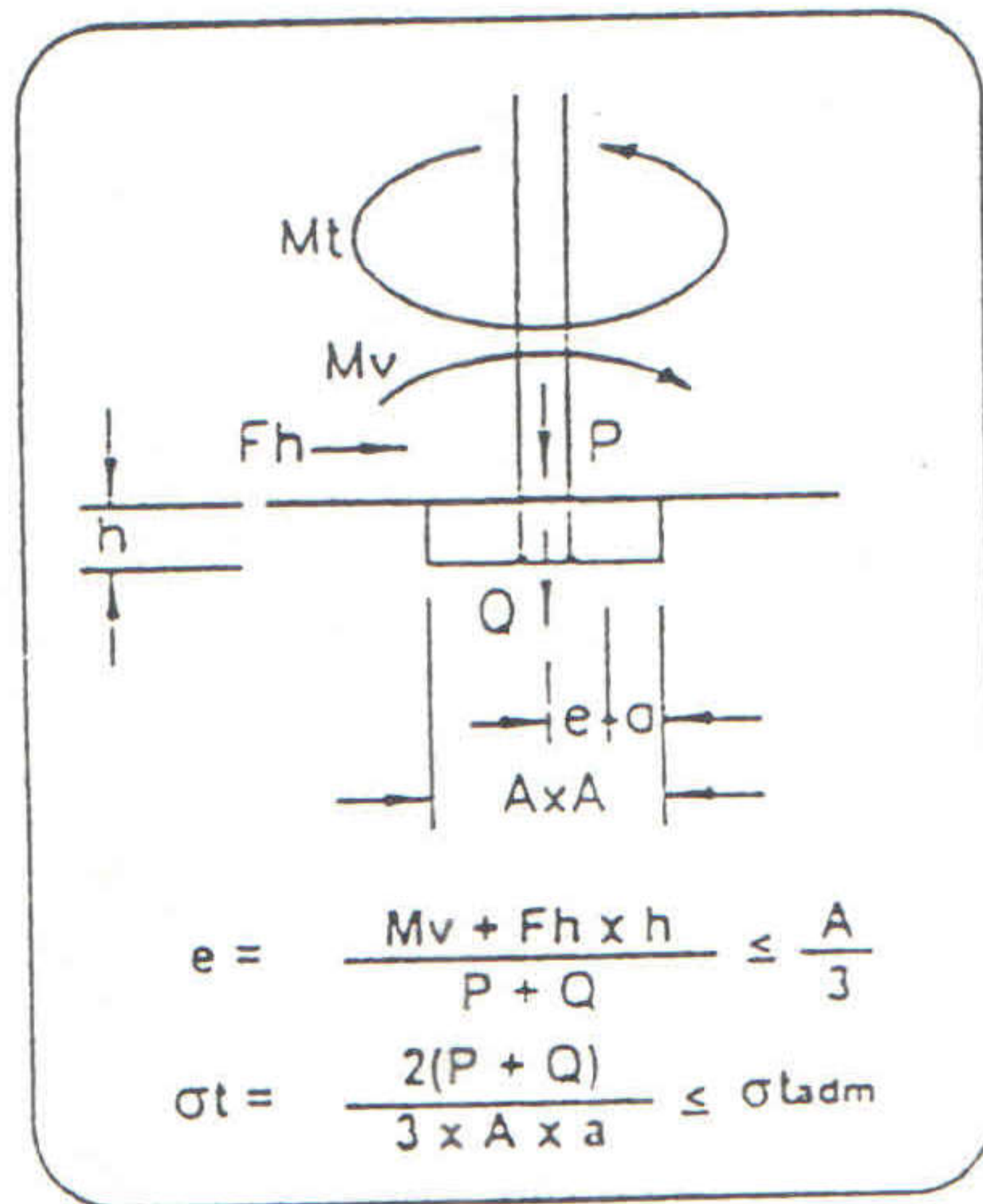
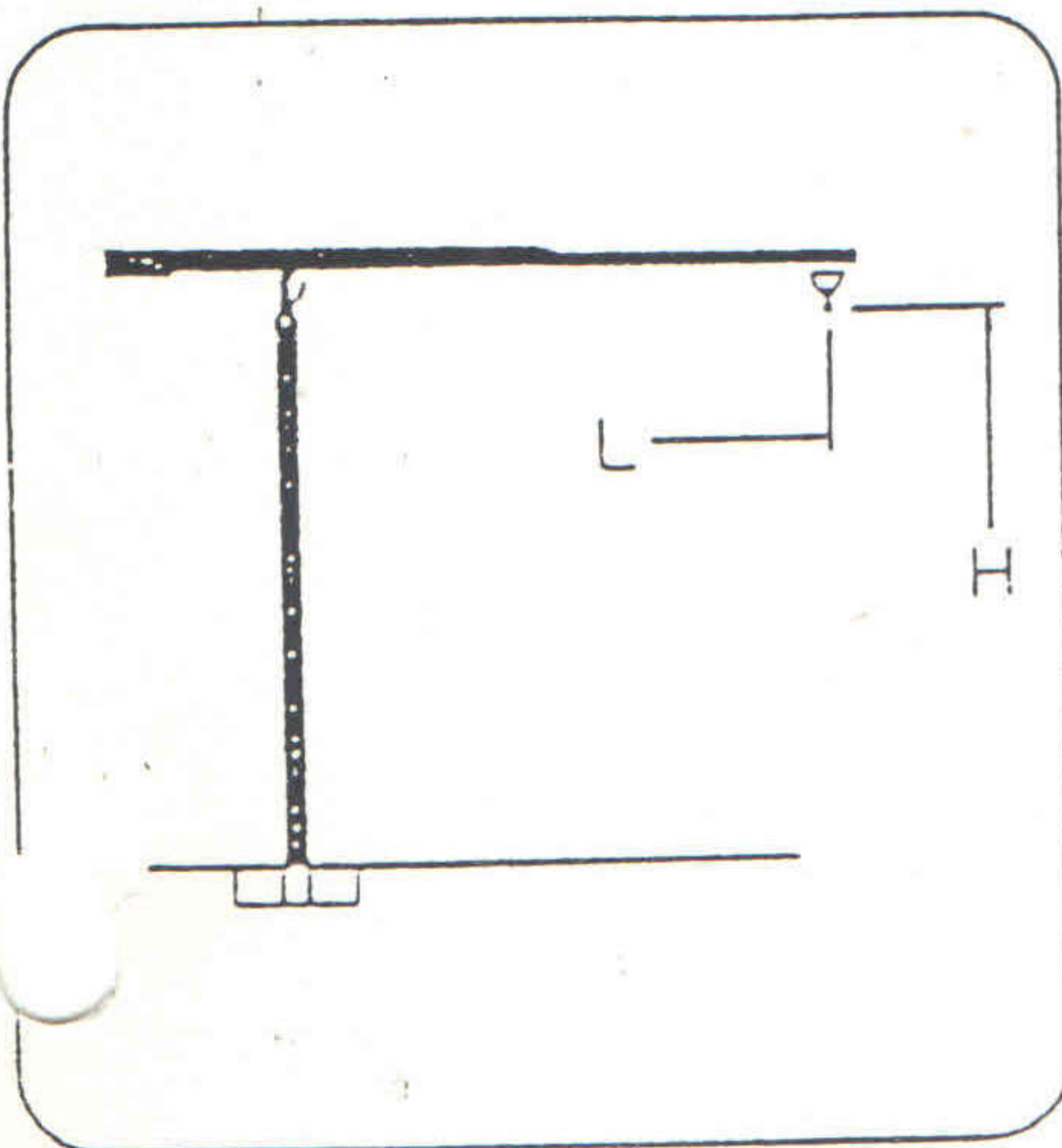
LC-2070

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COMANSA

ES72

SR/DR 12000 kg



- Mt -Torsional moment (kNm)
- Mv -Overturning moment (kNm)
- P -Weight of crane (kN)
- Fh -Horizontal reaction (kN)
- Q -Mass of foundation concrete (kN)
- e -Excentricity (m)
- σ_t -Pressure on ground (kN/m²)
- σ_{adm} -Permissible ground pressure (kN/m²)
- L -Max. hook radius
- H -Hook height
- n -Number of sections
- A -Foundation dimensions

H (m)	n		IN SERVICE							OUT OF SERVICE						
			L (m)							L (m)						
			70	64	60	54	50	44	40	70	64	60	54	50	44	40
63.1	11	Mv	3650	3624	3589	3740	3863	4020	4019	5550	5436	5298	5036	4805	4443	4351
		Fh	42	42	41	41	40	40	40	158	157	155	153	152	150	150
		P	1050	1025	1017	977	974	986	977	930	905	897	857	854	866	857
57.6	10	Mv	3359	3335	3301	3454	3576	3733	3729	4526	4410	4278	4039	3816	3468	3391
		Fh	39	39	39	38	38	37	37	146	145	144	141	140	139	138
		P	1016	992	984	944	941	952	944	896	872	864	824	821	832	824
52.1	9	Mv	3095	3072	3040	3194	3316	3473	3470	3594	3485	3359	3141	2925	2591	2520
		Fh	36	36	35	35	35	35	35	134	133	133	129	129	127	126
		P	983	959	950	911	908	919	911	853	839	830	791	788	799	791
46.6	8	Mv	2856	2835	2804	2960	3082	3239	3237	2756	2655	2534	2337	2128	1807	1799
		Fh	34	34	33	33	33	32	32	123	121	121	118	117	115	115
		P	950	925	917	877	874	886	878	830	797	805	757	754	766	758
41.1	7	Mv	2640	2621	2591	2750	2871	3029	3028	2007	1913	1797	1620	1541	1770	1799
		Fh	31	31	31	30	30	29	29	111	110	109	106	105	104	103
		P	917	892	883	844	841	853	844	797	772	764	724	721	733	724
35.6	6	Mv	2448	2430	2401	2563	2683	2842	2841	1342	1259	1340	1377	1541	1770	1799
		Fh	28	28	28	27	27	27	27	99	98	97	94	93	92	91
		P	883	859	851	811	808	819	811	763	739	731	691	687	699	691
30.1	5	Mv	2276	2260	2232	2396	2517	2676	2677	1212	1259	1340	1377	1541	1770	1799
		Fh	26	26	25	25	25	24	24	87	86	86	83	82	80	79
		P	850	826	817	778	775	786	778	730	706	697	658	655	666	658
24.6	4	Mv	2125	2110	2084	2251	2372	2532	2533	1212	1259	1340	1377	1541	1770	1799
		Fh	23	23	23	22	22	21	21	76	75	74	71	70	68	68
		P	817	792	784	744	741	753	745	697	672	664	624	621	633	625
Mt		825	825	550	550	550	550	275	0	0	0	0	0	0	0	