

MADE IN ITALY

Misura Size		DF	DS	Rate	Max Working Stroke	MWS 13%		MWS 30%		MWS 45%		MWS 62%		MWS 80%	
D1	L1	mm.	mm.	N/mm.	mm.	mm.	N	mm.	N	mm.	N	mm.	N	mm.	N
10	25	10	5	10.0	13	1.7	17	3.9	39	5.8	58	8	80	10.3	103
	32			8.5	16	2.1	18	4.9	42	7.4	63	10.2	86	13.1	111
	38			6.8	20	2.5	17	5.9	40	8.8	60	12.1	82	15.6	106
	44			6.0	23	2.9	18	6.8	41	10.1	61	14.0	84	18.0	108
	51			5.0	26	3.4	17	7.8	39	11.8	59	16.2	81	20.9	105
	64			4.3	33	4.2	18	9.8	42	14.6	63	20.2	87	26.0	112
	76			3.2	39	5.1	16	11.7	37	17.6	56	24.2	77	31.2	100
	305			1.1	156	20.3	22	46.9	52	70.3	77	96.9	107	125.0	138
13	25	12.5	6.3	17.9	13	1.7	30	3.9	69	5.8	104	8	143	10.3	184
	32			16.4	16	2.1	35	4.9	81	7.4	121	10.2	167	13.1	215
	38			13.6	20	2.5	34	5.9	80	8.8	119	12.1	164	15.6	212
	44			12.1	23	2.9	35	6.8	82	10.1	123	14.0	169	18.0	218
	51			11.4	26	3.4	39	7.8	89	11.8	134	16.2	185	20.9	238
	64			9.3	33	4.3	40	9.9	92	14.8	138	20.4	190	26.3	245
	76			7.1	39	5.1	36	11.7	83	17.6	125	24.2	172	31.2	222
	89			5.4	46	5.9	32	13.7	74	20.5	111	28.3	153	36.5	197
305	1.4	156	20.3	28	46.9	66	70.3	98	96.9	136	125.0	175			
16	25	16	8	23.4	13	1.7	39	3.9	90	5.8	136	8	187	10.3	241
	32			22.9	16	2.1	49	4.9	112	7.4	169	10.2	232	13.1	300
	38			19.3	20	2.5	49	5.9	113	8.8	169	12.1	233	15.6	301
	44			17.1	23	2.9	50	6.8	115	10.1	173	14.0	239	18.0	308
	51			15.7	26	3.4	53	7.8	123	11.8	185	16.2	254	20.9	328
	64			10.7	33	4.3	46	9.9	106	14.8	158	20.4	218	26.3	281
	76			10.0	39	5.1	51	11.7	117	17.6	176	24.2	242	31.2	312
	89			8.6	46	5.9	51	13.7	118	20.5	177	28.3	243	36.5	314
	102			7.8	52	6.8	53	15.7	122	23.5	183	32.4	253	41.8	326
	305			2.5	156	20.3	51	46.9	117	70.3	176	96.9	242	125.0	313
19	25	20	10	55.8	13	1.7	92	3.8	213	5.7	320	7.9	441	10.2	569
	32			45.0	16	2.0	91	4.7	211	7.0	316	9.7	436	12.5	563
	38			33.3	19	2.4	81	5.6	187	8.4	281	11.6	387	15.0	500
	44			30.0	22	2.9	86	6.6	198	9.9	297	13.6	409	18.0	540
	51			24.5	25	3.3	80	7.5	184	11.3	276	15.5	380	20.0	490
	64			20.0	31	4.1	81	9.4	188	14.1	281	19.4	388	25.0	500
	76			16.0	37	4.8	77	11.1	178	16.7	266	22.9	367	30.0	480
	89			14.0	44	5.7	80	13.1	184	19.7	276	27.1	380	35.0	490
	102			12.0	51	6.7	80	15.4	185	23.1	277	31.8	381	41.0	492
	115			10.9	58	7.5	81	17.3	188	25.9	282	35.7	389	46.0	501
	127			9.5	64	8.3	79	19.1	182	28.7	273	39.5	375	51.0	485
	139			8.4	70	9.1	76	21.0	176	31.5	265	43.4	365	56.0	470
	152			7.5	76	9.9	74	22.9	172	34.3	257	47.3	355	61.0	458
305	4.0	153	19.8	79	45.8	183	68.6	275	94.6	378	122.0	488			
26	25	25	12.5	100	13	1.7	166	3.8	383	5.7	574	7.9	791	10.2	1020
	32			80.3	16	2.0	163	4.7	376	7.0	565	9.7	778	12.5	1004
	38			62.0	19	2.4	151	5.6	349	8.4	523	11.6	721	15.0	930
	44			52.9	22	2.9	151	6.6	349	9.9	524	13.6	722	18.0	952
	51			44.0	25	3.3	143	7.5	330	11.3	495	15.5	682	20.0	880
	64			35.2	31	4.1	143	9.4	330	14.1	495	19.4	682	25.0	880
	76			28.0	37	4.8	135	11.1	311	16.7	466	22.9	642	30.0	840
	89			24.0	44	5.7	137	13.1	315	19.7	473	27.1	651	35.0	840
	102			21.1	51	6.7	141	15.4	324	23.1	487	31.8	670	41.0	865
	115			18.7	58	7.5	140	17.3	323	25.9	484	35.7	667	46.0	860
	127			16.7	64	8.3	138	19.1	319	28.7	479	39.5	660	51.0	852
	139			15.3	70	9.1	139	21.0	321	31.5	482	43.4	664	56.0	857
	152			14.0	76	9.9	139	22.9	320	34.3	480	47.3	662	61.0	854
	178			12.5	89	11.5	144	26.6	333	39.9	499	55.0	688	71.0	888
	203			10.4	101	13.2	137	30.4	316	45.6	474	62.8	653	81.0	842
	305			7.0	153	19.8	139	45.8	320	68.6	480	94.6	662	122.0	854

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D1	L1	mm.	mm.	N/mm.	mm.	mm.	N	mm.	N	mm.	N	mm.	N	mm.	N			
32	38	32	16	94.0	19	2.4	229	5.6	529	8.4	793	11.6	1093	15.0	1410			
	44			79.5	23	2.9	233	6.8	537	10.1	805	14.0	1109	18.0	1431			
	51			67.0	25	3.3	218	7.5	503	11.3	754	15.5	1039	20.0	1340			
	64			53.0	31	4.1	215	9.4	497	14.1	745	19.4	1027	25.0	1325			
	76			44.0	38	4.9	215	11.3	495	16.9	743	23.3	1023	30.0	1320			
	89			37.2	44	5.7	212	13.1	488	19.7	732	27.1	1009	35.0	1302			
	102			32.0	51	6.7	213	15.4	492	23.1	738	31.8	1017	41.0	1312			
	115			29.0	58	7.5	217	17.3	500	25.9	750	35.7	1034	46.0	1334			
	127			25.0	64	8.3	207	19.1	478	28.7	717	39.5	988	51.0	1275			
	139			23.0	70	9.1	209	21.0	483	31.5	725	43.4	998	56.0	1288			
	152			21.5	76	9.9	213	22.9	492	34.3	738	47.3	1016	61.0	1312			
	178			18.2	89	11.5	210	26.6	485	39.9	727	55.0	1001	71.0	1292			
	203			15.8	101	13.2	208	30.4	480	45.6	720	62.8	992	81.0	1280			
	254			12.5	128	16.6	207	38.3	478	57.4	717	79.1	988	102.0	1275			
305	10.3	153	19.8	204	45.8	471	68.6	707	94.6	974	122.0	1257						
38	51	40	20	92.0	25	3.3	299	7.5	690	11.3	1035	15.5	1426	20.0	1840			
	64			73.0	31	4.1	297	9.4	684	14.1	1027	19.4	1414	25.0	1825			
	76			63.0	38	4.9	307	11.3	709	16.9	1063	23.3	1465	30.0	1890			
	89			51.0	44	5.7	290	13.1	669	19.7	1004	27.1	1383	35.0	1785			
	102			43.0	51	6.7	286	15.4	661	23.1	992	31.8	1366	41.0	1763			
	115			39.6	58	7.5	296	17.3	683	25.9	1025	35.7	1412	46.0	1822			
	127			37.0	64	8.3	307	19.1	708	28.7	1061	39.5	1462	51.0	1887			
	139			32.0	70	9.1	291	21.0	672	31.5	1008	43.4	1389	56.0	1792			
	152			28.0	76	9.9	278	22.9	641	34.3	961	47.3	1324	61.0	1708			
	178			25.2	89	11.5	291	26.6	671	39.9	1006	55.0	1387	71.0	1789			
	203			22.7	101	13.2	299	30.4	690	45.6	1034	62.8	1425	81.0	1839			
	254			17.0	128	16.6	282	38.3	650	57.4	975	79.1	1344	102.0	1734			
	305			14.8	153	19.8	293	45.8	677	68.6	1016	94.6	1399	122.0	1806			
	51			64	50	25	156.0	31	4.1	634	9.4	1463	14.1	2194	19.4	3023	25.0	3900
76		125.0	38	4.9			609	11.3	1406	16.9	2109	23.3	2096	30.0	3750			
89		109.0	44	5.7			620	13.1	1431	19.7	2146	27.1	2957	35.0	3815			
102		94.0	51	6.7			626	15.4	1445	23.1	2168	31.8	2987	41.0	3854			
115		81.0	58	7.5			605	17.3	1397	25.9	2096	35.7	2888	46.0	3726			
127		71.0	64	8.3			588	19.1	1358	28.7	2037	39.5	2806	51.0	3621			
139		66.5	70	9.1			605	21.0	1397	31.5	2095	43.4	2886	56.0	3724			
152		60.0	76	9.9			595	22.9	1373	34.3	2059	47.3	2837	61.0	3660			
178		52.0	89	11.5			600	26.6	1385	39.9	2077	55.0	2861	71.0	3692			
203		44.0	101	13.2			579	30.4	1337	45.6	2005	62.8	2762	81.0	3564			
254		35.0	128	16.6			580	38.3	1339	57.4	2008	79.1	2767	102.0	3570			
305		28.5	153	19.8			565	45.8	1304	68.6	1956	94.6	2695	122.0	3477			
63		76	63	38			189.0	38	4.9	921	11.3	2126	16.9	3189	23.3	4394	30.0	5670
		89					158.0	44	5.7	899	13.1	2074	19.7	3111	27.1	4286	35.0	5530
	102	131.0			51	6.7	873	15.4	2014	23.1	3021	31.8	4163	41.0	5371			
	115	116.0			58	7.5	867	17.3	2001	25.9	3002	35.7	4135	46.0	5336			
	127	103.0			64	8.3	854	19.1	1970	28.7	2955	39.5	4071	51.0	5253			
	152	84.3			76	9.9	836	22.9	1928	34.3	2893	47.3	3985	61.0	5142			
	178	71.5			89	11.5	825	26.6	1904	39.9	2856	55.0	3934	71.0	5077			
	203	61.7			101	13.2	812	30.4	1874	45.6	2811	62.8	3873	81.0	4998			
	254	47.0			128	16.6	779	38.3	1798	57.4	2697	79.1	3715	102.0	4794			
	305	38.2			153	19.8	757	45.8	1748	68.6	2621	94.6	3612	122.0	4660			