


Dimensioni Flange - Flange Dimensions EN 1092-1 PN 16

DNa - DNm	32	40	50	65	80	100	125	150
CF	100	110	125	145	160	180	210	240
DE	140	150	165	185	200	220	250	285
if	18	18	18	18	18	18	18	22
zf	4	4	4	4	8	8	8	8

Lunghezza del giunto spaziatore - Spacer coupling length

Pompa tipo Pump size		32-16	32-20	40-16	40-20	50-16	50-20	50-25	65-16	65-20	65-25	65-31	80-16	80-20	80-25	80-31	100-20	100-25	100-31	100-40	125-25	125-31	125-40	
Supporto Bearing housing	[mm]	25	25	25	25	25	25	35	35	35	35	50	35	35	35	50	35	50	50	50	50	50	50	
X	[mm]	100	100	100	100	100	100	100	100	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140

**ACCOPIAMENTO POTENZA - POLARITA' / GRANDEZZA MOTORE
POWER-POLARITY / MOTOR SIZE COUPLING**

2POLI	Grand.	71	80	80	90S	90L	100L	112M	132S	132S	132M	160M	160M	160L	180M	200L	200L	225M	250M	280S	280M	315S	315M					
	kW	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22	30	37	45	55	75	90	110	132					
4POLI	Grand.	80	80	90S	90L	100L	100L	112M	132S	132M	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315M	315L	355L	355L	355L
	kW	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2	11	15	18,5	22	30	37	45	55	75	90	110	132	160	200	250	315	355
6POLI	Grand.	80	90S	90L	100L	112M	132S	132M	132M	160M	160L	180L	200L	200L	225L	250M	280S	280M	315S	315M	315M	315M						
	kW	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	11	15	18,5	22	30	37	45	55	75	90	110	132						

Pompa Tipo Pump Size	Motore Grandezza Motor Size	Basamento Bed - plate No.	DIMENSIONI - DIMENSIONS [mm]																	Peso Weight ^(a) [kg]
			DNa	DNm	a	f	h3	h2	L1	L2	L3	B2	B3	w	d	b	c1	c2	T ^(a)	
32-16	80	2	50	32	80	385	252	160	1000	170	660	400	360	60	19	30	0	52	841	63
	90S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	42	864	68
	90L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	889	72
	100L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	32	927	77
	112M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	20	941	86
	132S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0	1030	128
132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
32-20	80	2	50	32	80	385	280	180	1000	170	660	400	360	60	19	30	0	80	841	69
	90S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	70	864	73
	90L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	889	76
	100L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	60	927	83
	112M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	48	941	92
	132S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	28	1030	134
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
160M	3	"	"	"	"	"	"	1200	205	790	440	400	60	19	30	"	0	1165	168	
40-16	80	2	65	40	80	385	252	160	1000	170	660	400	360	60	19	30	0	52	841	64
	90S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	42	864	68
	90L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	32	889	73
	100L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	20	927	79
	112M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0	941	87
	132S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1030	129
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
160M	3	"	"	"	"	280	"	1200	205	790	440	400	60	19	30	28	"	1165	163	
40-20	80	2	65	40	100	385	280	180	1000	170	660	400	360	60	19	30	0	80	861	69
	90S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	70	884	72
	90L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	909	74
	100L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	60	947	78
	112M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	48	961	91
	132S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	28	1050	133
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
160M	3	"	"	"	"	"	"	1200	205	790	440	400	"	"	"	"	0	1185	167	
50-16	80	2	80	50	100	385	280	180	1000	170	660	400	360	60	19	30	0	80	861	70
	90S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	70	884	73
	90L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	909	76
	100L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	60	947	81
	112M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	48	961	91
	132S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	28	1050	132
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	132
160M	3	"	"	"	"	"	"	1200	205	790	440	400	"	"	"	"	0	1185	166	
160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	175	
50-20	90S	2	80	50	100	385	280	200	1000	170	660	400	360	60	19	30	0	70	884	78
	90L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	909	81
	100L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	60	947	86
	132S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	28	1050	137
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0	1185	171
	160M	3	"	"	"	"	"	"	1200	205	790	440	400	"	"	"	"	"	"	180
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	190
	180M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	20	"	1275	217
180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	217	
50-25	100L	2	80	50	125	500	300	225	1000	170	660	400	360	75	19	30	0	80	1087	128
	112M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	68	1101	134
	132S	3	"	"	"	"	"	"	1200	205	790	440	400	"	"	"	"	48	1190	139
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	20	"	145
	160M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0	1325	206
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	216
	180M	4	"	"	"	"	"	"	1500	245	1010	480	440	"	"	"	"	"	"	1415
	180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1430
200L	6	"	"	"	"	365	"	1300	215	870	510	460	"	24	13	45	25	1450	304	
225S	"	"	"	"	"	390	"	"	"	"	"	"	"	"	"	70	"	1529	345	
225M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	381	
250M	7	"	"	"	"	415	"	1450	235	980	560	510	"	"	"	95	"	1559	416	
65-16	80	2	100	65	100	500	280	200	1000	170	660	400	360	75	19	30	0	80	976	177
	90S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	70	999	120
	90L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1024	123
	100L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	60	1062	128
	132S	3	"	"	"	"	"	"	1200	205	790	440	400	"	"	"	"	28	1165	152
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	152
	160M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0	1300	198
160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	213	
65-20	90L	2	100	65	100	500	300	225	1000	170	660	400	360	75	19	30	0	90	1064	137
	100L	3	"	"	"	"	"	"	1200	205	790	440	400	"	"	"	"	80	1102	142
	112M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	68	1116	149
	132S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	48	1205	159
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	165
	160M	4	"	"	"	"	"	"	1500	245	1010	480	440	"	"	"	"	20	1340	211
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	211
	180M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0	1430	238
180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	302	
200L	6	"	"	"	"	365	"	1300	215	870	510	460	"	24	19	45	25	1465	340	

Pompa Tipo Pump Size	Motore Grandezza Motor Size	Basamento Bed - plate No.	DIMENSIONI - DIMENSIONS [mm]																	Peso Weight ^(a) [kg]	
			DNa	DNm	a	f	h3	h2	L1	L2	L3	B2	B3	w	d	b	c1	c2	T ^(a)		
65-25	100L	3	100	65	125	500	320	250	1200	205	790	440	400	90	19	30	0	100	1127	159	
	112M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	88	1141	166		
	132S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	68	1230	175		
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	185		
	160M	4	"	"	"	"	"	"	1500	245	1010	480	440	"	"	"	40	1365	207		
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1380	217	
	180M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	20	1455	248		
	180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	260		
	200L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0	1490	312		
	225S	7	"	"	"	"	390	"	1450	235	980	560	510	"	24	13	50	25	1569	354	
	225M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	378	
250M	"	"	"	"	"	415	"	"	"	"	"	"	"	"	"	75	"	1650	420		
280S	8	"	"	"	"	445	"	1590	"	1120	"	"	"	"	"	105	"	1729	620		
65-31	132S	5	100	65	125	530	345	280	1200	205	790	505	65	90	19	30	0	93	1260	225	
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	235		
	160M	6	"	"	"	"	390	"	1300	215	870	510	460	"	24	13	25	90	1395	257	
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	272		
	180M	7	"	"	"	"	"	"	1450	235	980	560	510	"	"	"	70	1485	315		
	180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	322		
	200L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	50	1570	391		
	225S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	25	1630	442		
	225M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	452		
	250M	8	"	"	"	"	415	"	1590	"	1120	"	"	"	"	"	50	25	1670	490	
	280S	"	"	"	"	"	445	"	"	"	"	"	"	"	"	"	80	"	1855	660	
280M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	725			
80-16	90S	2	125	80	125	500	300	225	1000	170	660	400	360	75	19	30	0	90	1064	1138	
	90L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1069	141	
	100L	3	"	"	"	"	"	"	1200	205	790	440	400	"	"	"	80	1127	146		
	112M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	68	1141	149		
	132S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	48	1230	167		
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	175		
	160M	4	"	"	"	"	"	"	1500	245	1010	480	440	"	"	"	20	1365	220		
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	230		
	180M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0	1455	247		
	180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	257		
	200L	6	"	"	"	"	365	"	1300	215	870	510	460	"	24	13	45	25	1490	327	
80-20	100L	3	125	80	125	500	300	250	1200	205	790	440	400	75	19	30	0	80	1127	154	
	112M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	68	1141	161		
	132S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	48	1230	172		
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	182		
	160M	4	"	"	"	"	320	"	1500	245	1010	480	440	"	"	"	20	1365	204		
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	225		
	180M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0	1455	252		
	180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	262		
	200L	6	"	"	"	"	365	"	1300	215	870	510	460	"	24	13	45	25	1490	348	
	225S	7	"	"	"	"	390	"	1450	235	980	560	510	"	"	"	70	"	1569	392	
	225M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	402		
250M	"	"	"	"	"	415	"	"	"	"	"	"	"	"	"	95	"	1599	427		
80-25	112M	5	125	80	125	500	345	280	1200	205	790	505	465	90	19	30	0	113	1141	177	
	132S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	93	1230	188		
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	198		
	160M	6	"	"	"	"	390	"	1300	215	870	510	460	"	24	13	25	90	1365	250	
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	280		
	200L	7	"	"	"	"	"	"	1450	235	980	560	510	"	"	"	50	1490	330		
	225M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	25	1569	420		
	250M	"	"	"	"	"	415	"	"	"	"	"	"	"	"	"	50	"	1599	437	
	280S	8	"	"	"	"	445	"	1590	"	1120	"	"	"	"	"	80	"	1729	505	
	80-31	132M	5	125	80	125	530	370	315	1200	205	790	505	465	90	19	13	0	118	1260	240
		160M	6	"	"	"	"	415	"	1300	215	870	510	460	"	24	30	25	115	1395	262
160L		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	277		
180M		7	"	"	"	"	"	"	1450	235	980	560	510	"	"	"	95	1485	320		
180L		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	345		
250M		8	"	"	"	"	445	"	1590	"	1120	"	"	"	"	"	25	1629	490		
280S		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	55	"	1855	670	
280M		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	735		
100-20		100L	3	125	100	125	500	320	280	1200	205	790	440	400	90	19	30	0	100	1127	170
		112M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	88	1141	177	
		132S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	68	1230	188	
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	198		
	160M	4	"	"	"	"	"	"	1500	255	1010	480	440	"	"	"	40	1365	220		
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	240		
	180M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	20	1455	270		
	180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	0	"	300		
	200L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	347		
	225M	7	"	"	"	"	390	"	1450	235	980	560	510	"	24	13	50	25	1569	413	
	250M	"	"	"	"	"	415	"	"	"	"	"	"	"	"	"	75	"	1640	445	
280S	8	"	"	"	"	445	"	1590	"	1120	"	"	"	"	"	105	"	1825	625		

Pompa Tipo Pump Size	Motore Grandezza Motor Size	Basamento Bed - plate No.	DIMENSIONI - DIMENSIONS [mm]																	Peso Weight ^(a) [kg]		
			DNa	DNm	a	f	h3	h2	L1	L2	L3	B2	B3	w	d	b	c1	c2	T ^(a)			
100-25	132S	5	125	100	125	530	345	280	1200	205	790	505	465	90	19	30	0	93	1275	217		
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	227	
	160M	6	"	"	"	"	390	"	1300	215	870	510	460	"	24	13	25	90	1410	249		
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	264	
	180M	7	"	"	"	"	"	"	1450	235	980	560	510	"	"	"	"	"	70	1500	309	
	180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	330
	200L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	385
	225M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	436
	250M	8	"	"	"	"	415	"	1590	"	1120	"	"	"	"	"	"	50	"	1685	475	
	280S	"	"	"	"	"	445	"	"	"	"	"	"	"	"	"	"	80	"	1870	655	
280M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	720	
100-31	160M	6	125	100	140	530	415	315	1300	215	870	510	460	90	24	13	25	155	1410	269		
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	284	
	180M	7	"	"	"	"	"	"	1450	235	980	560	510	"	"	"	"	95	1500	329		
	180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	344	
	200L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	75	1535	395		
	250M	8	"	"	"	"	"	"	1590	"	1120	"	"	"	"	"	"	25	1700	495		
	280S	"	"	"	"	"	445	"	"	"	"	"	"	"	"	"	55	"	1885	675		
	280M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	740	
	315S	10	"	"	"	"	520	"	2000	260	1480	710	660	"	"	"	90	"	1980	950		
	315M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	980	
100-40	132M	6	125	100	140	530	445	355	1300	215	870	510	460	110	24	13	25	173	1290	280		
	160M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	145	1410	305		
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	319	
	180M	7	"	"	"	"	"	"	1450	235	980	560	510	"	"	"	"	125	1500	364		
	180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	379	
	200L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	105	1535	426		
	225S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	80	1644	478			
225M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	513		
125-25	132M	5	150	125	140	530	370	355	1200	205	790	505	465	90	24	13	0	118	1275	249		
	160M	6	"	"	"	"	415	"	1300	215	870	510	460	"	"	"	25	115	1460	271		
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	286	
	180M	7	"	"	"	"	"	"	1450	235	980	560	510	"	"	"	"	95	1550	331		
	180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	346	
	200L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	75	1585	355		
	225M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	50	1694	425			
	250M	8	"	"	"	"	"	"	1590	"	1120	"	"	"	"	"	"	"	1750	500		
	280S	"	"	"	"	"	445	"	"	"	"	"	"	"	"	"	55	25	1935	680		
	280M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	745	
315S	10	"	"	"	"	520	"	2000	260	1480	710	660	"	"	"	90	"	2030	955			
315M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	985		
125-31	132S	6	150	125	140	530	445	355	1300	215	870	510	460	110	24	13	25	173	1275	277		
	132M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	287	
	160M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	145	1460	310		
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	355	
	180M	7	"	"	"	"	"	"	1450	235	980	560	510	"	"	"	"	125	1550	370		
	180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	417	
	200L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	105	1585	469		
225S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	80	1644	518				
125-40	132M	6	150	125	140	530	480	400	1300	215	870	510	460	110	24	13	25	208	1275	310		
	160M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	180	1460	335		
	160L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	370	
	180M	7	"	"	"	"	"	"	1450	235	980	560	510	"	"	"	"	160	1550	380		
	180L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	393	
	200L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	140	1585	440		
	225S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	115	1644	492			
	225M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	527	
	250M	8	"	"	"	"	"	"	1590	"	1120	"	"	"	"	"	"	90	1750	564		
	280S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	60	1935	620		
280M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	680		