

Πιεστικά Συγκροτήματα Πυρόσβεσης

Πυροσβεστικά Συγκροτήματα σύμφωνα με την Οδηγία EN 12845:2009



Πιεστικά Συγκροτήματα Πυρόσβεσης

Πυροσβεστικά Συγκροτήματα σύμφωνα με την Οδηγία EN 12845:2009



Wilo GPA EN-EP

Wilo GPA-EN EP, 3~400 V, 50 Hz													
Τύπος	Q _{lim} (1) HHS HHP	Q _{lim} (2) (NPSH =5m)	Παροχή (m ³ /h)										
			0	5	10	15	18	20	22.5	25	27.5	32.5	35
			Μανομετρικό ύψος (m ΣΥ)										
GPA-EN EP 32/200-189-4/0.75	20	20	46	45.3	43.7	40	36.6	35	31.4	27.5	24		
GPA-EN EP 32/200-206-5.5/0.75	22.5	25	53.6	53.6	52.7	50.8	49.2	47.9	45.5	43	39.5	30	
GPA-EN EP 32/200-212-7.5/1.1	24	25	58.5	58.5	58.4	57.9	57.5	56.3	55.6	53.4	51	42	36.3
			0	10	20	30	35	40	45	50	55	60	65
GPA-EN EP 32/250-220-11/1.1	32	37.5	64	64	62.6	59.5	57.4	54.3	50				
GPA-EN EP 32/250-230-18.5/1.1	35	37.5	72	70.8	69.2	66	63.8	61.3	58.5	55.4	51.8	47.5	43
GPA-EN EP 32/250-240-18.5/1.1	35	37.5	78	77.7	76.4	72.3	69.4	65.9	62.1	58			
GPA-EN EP 32/250-248-22/1.1	41	46	86	85.5	84	81	78.5	75.8	72.9	69.5	64.7	58	
GPA-EN EP 32/250-260-22/1.1	43.5	46	95	94.5	93.4	90.2	88	85	81	76.7	70.7	63.4	55
			0	5	10	15	20	25	30	35	40	45	52
GPA-EN EP 40/200-182-5.5/0.75	27.5	30	43	43	43	42.4	39.7	35.8	31.5	26.8	21.5		
GPA-EN EP 40/200-190-7.5/0.75	32	38	46	46	46	45.7	44	41.3	38.1	34.2	29.6	25.1	19.2
GPA-EN EP 40/200-212-11/1.1	38	40	58	58	58	57.7	57	55	52.4	48	44	40	34
			0	5	10	20	30	40	50	60	65	70	75
GPA-EN EP 40/250-220-15/1.1	40	55	67.5	67	66.7	64.7	60.3	54.2	47.1	35			
GPA-EN EP 40/250-230-18.5/1.1	45	59	74	73.5	73	71.5	68.4	64.3	59.8	52	45		
GPA-EN EP 40/250-240-18.5/1.1	52	68	82	81.5	81	79.3	76.5	73	68	61.9	58.3	53.2	46
GPA-EN EP 40/250-250-22/1.1	52	69.5	89	88.7	88.5	86.8	84	80	74.6	68	64	58.5	50.5
GPA-EN EP 40/250-255-22/1.1	52	69.5	95	94	93.1	90.5	86.7	82.2	76.5	68.8	64.1	59	51
			0	15	30	40	50	60	70	75	83	88	98
GPA-EN EP 50/160-160-7.5/0.75	57	72.5	36.7	36.5	35.7	34.7	33	30.5	27.2	25.6	21.6		
GPA-EN EP 50/160-174-11/0.75	65	75	44	43.3	41.7	40.6	39	36.7	33.8	32	28.9	26.7	22.5
			0	5	10	20	30	40	50	60	65	74	78
GPA-EN EP 50/200-200-11/0.75	50	65	52	52	52	52	51	47.8	43.5	38.2	35	28	23
GPA-EN EP 50/200-209-11/0.75	50	64	58	58	58	57.7	56	52.3	47	4.1	37.6	30	
GPA-EN EP 50/200-214-15/1.1	50	67.7	61.8	61.7	61.4	60.5	59.2	56.5	53	47.7	44.5	35	25
			0	15	30	45	60	70	80	90	100	120	138
GPA-EN EP 50/200-205N-18.5/1.1	75	75	61.5	60	58.9	56.8	53.2	50	46.5	42.2	37.2	27	
GPA-EN EP 50/200-216N-22/1.1	82.5	92	69	69	68.3	66.5	63.3	60	55.8	56	45.3	33.4	23
			0	15	30	45	60	70	80	90	100	120	138
GPA-EN EP 50/250-220-22/1.1	51	60	69	69	67.5	62.5	54.6	47.6	40.2	30			
GPA-EN EP 50/250-230-22/1.1	58	66.5	77	76.5	75.5	71.3	64.5	58.5	51	41.5	30.5		
GPA-EN EP 50/250-247-30/1.1	64	76	88.5	88	87.4	84	77.3	71.2	64.5	55.2	44	20	
GPA-EN EP 50/250-260-37/1.1	69	90	100	100	99.7	96.7	90.5	84	75.5	65	54	30	

Πιεστικά Συγκροτήματα Πυρόσβεσης

Πυροσβεστικά Συγκροτήματα σύμφωνα με την Οδηγία EN 12845:2009



Wilo GPA EN-EP

Wilo GPA-EN EP, 3~400 V, 50 Hz													
Τύπος	Qlim(1) HHS HHP	Qlim(2) NPSH a 5m	Παροχή(m ³ /h)										
			0	20	40	60	80	100	120	140	155	180	188
			Μανομετρικό ύψος (m ΣΥ)										
GPA-EN EP 65/200-185-18.5/0.75	95	105	45	45	44.9	44	42	35.3	29.5	21.6	14.3		
GPA-EN EP 65/200-192-22/0.75	108	110	50.5	50.5	50.3	49.9	48	44.4	39.7	33.3	27.5	16.7	
GPA-EN EP 65/200-215-30/1.1	120	130	65.6	65.6	65.1	64.8	63.7	60	55.6	50	40.5	34	30
			0	25	50	75	100	120	140	150	168	178	198
GPA-EN EP 65/250-220-30/1.1	100	100	68.5	68.5	68.5	66.3	62.1	57.6	52.7	50			
GPA-EN EP 65/250-235-37/1.1	110	110	76	75.8	75	73	69.3	64.7	59.9	57.4	53		
GPA-EN EP 65/250-250-45/1.1	110	110	89	89	89	87.7	84	79.3	74.6	72.3	67.5	65	
GPA-EN EP 65/250-255-45/1.1	110	110	92	92	92	90.7	87	82	76.4	73.6	68.9	66	61
GPA-EN EP 65/250-259-55/1.1	110	110	95	95	95	93.7	90	85	79.4	76.6	71.9	69	64
			0	20	40	60	70	90	100	120	140	160	170
GPA-EN EP 65/315-273-55/1.1	120	120	101	101	101	100	99	96.5	95	90	86	83	79
			0	30	60	90	120	150	175	200	225	250	
GPA-EN EP 80/200-207R-37/0.75	180	180	51.5	51.5	51.5	51.3	50.4	47.1	44	40	36.2	31	
GPA-EN EP 80/200-209-45/1.1	180	180	60	60	60	59.7	59	57.5	55	52.5	48.3	44.7	38
GPA-EN EP 80/200-215-55/1.1	180	180	63.5	63.5	63.5	63.4	63	61.6	59.5	56	52.5	48	42.8
			0	50	100	150	200	250	275	300	327	360	390
GPA-EN EP 80/250-230-55/1.1	230	230	70.3	70.3	69.8	66.5	61	54.5	50	47.5	43.5		
GPA-EN EP 80/250-245-75/1.1	250	250	80	80	79.5	76.2	71	64	60	57.5	54.4	50	46
GPA-EN EP 80/250-257-90/1.1	250	250	91	91	91	89.7	85	80	77.5	74.9	71.5	67	64
GPA-EN EP 80/250-269-110/1.1	250	250	102	102	102	101	96.5	92	87.5	86	82.5	78	75
			0	30	70	100	120	150	180	220	250	277	320
GPA-EN EP 80/315-302-110/1.5	180	180	117	117	116.5	116	116	113	112	107.5	100	86	
GPA-EN EP 80/315-320-132/2.2	180	180	142	142	142	142	140	139	137	132	125	115	87
			0	50	100	150	200	220	250	280	320	360	380
GPA-EN EP 100/200-195R-22/0.75	140	140	37.1	37.1	36.4	32.9	28	26.5	22.5	17.9	11		
GPA-EN EP 100/200-190-30/0.75	220	240	43	42.9	42.1	40.5	37.5	36	33	29.8	24	17.5	
GPA-EN EP 100/200-205-37/0.75	230	240	51	50.6	49.9	48.3	45	43.5	40	36.8	29.5	20	
GPA-EN EP 100/200-211-45/1.1	230	240	57	56.5	56	54.8	52.8	51.8	50	44.5	41.5	35	
GPA-EN EP 100/200-219-55/1.1	240	240	62.2	61.7	61.2	60	58	57	55	51.8	45.8	37.8	33
			0	50	100	150	200	250	300	330	360	390	415
GPA-EN EP 100/250-220-55/1.1	240	275	59.6	59.6	59.6	58.8	53.9	48	42	37	31	23	
GPA-EN EP 100/250-233-75/1.1	250	275	68	67.7	67.4	66.7	62.5	56.5	48.5	44	38.2	29.5	22
GPA-EN EP 100/250-250-75/1.1	260	275	80	79.7	79.6	79.2	76.3	71	64	58.7	53.3	46.2	40
GPA-EN EP 100/250-265-90/1.1	270	270	95	94.5	94	92	89.5	85	80	76	72	63	56
GPA-EN EP 100/250-269-110/1.1	275	275	97.5	97.4	97.1	95.8	93	89.2	83	78	74	67.5	61
			0	50	100	150	175	225	275	325	375	425	450
GPA-EN EP 100/315-292-132/1.1	250	250	110	110	109	109	108	105	100	95	88	81	
GPA-EN EP 100/315-308-160/1.5	250	250	121	121	120.5	121	120	119.5	116	110	105	95	90
			0	75	150	225	300	350	425	500	575	600	625
GPA-EN EP 125/250-230-90/1.1	390	375	64	63.8	63.7	63.5	59.7	57.2	53	46.6	35		
GPA-EN EP 125/250-239-110/1.1	390	375	73	72.5	71.5	70.5	68.5	66	63	58	52.5		
GPA-EN EP 125/250-250-132/1.1	430	400	79	78.8	78.3	76.8	74.4	72	68.6	63.3	54.7	50	
GPA-EN EP 125/250-266-160/1.1	450	375	91	90.7	90.4	89.8	87.6	86	83	78.9	71.4	68.2	65
			0	50	100	150	200	250	300	350	400	450	524
GPA-EN EP 125/315-287-160/1.1	300	300	104	103	102	101	100	99.5	96	92	85	78	
GPA-EN EP 125/315-298-160/1.5	350	375	120	119	117.5	116	114	110	106.5	100	94	86	71
			0	50	100	200	300	400	450	500	600	700	775
GPA-EN EP 150/315-284-200/1.1	450	450	95	95	95	95	95	93.5	92	90	83.5	73	60
GPA-EN EP 150/315-290-250/1.1	450	450	100	100	100	100	100	98	97.5	95	89	78	65

Πιεστικά Συγκροτήματα Πυρόσβεσης

Πυροσβεστικά Συγκροτήματα σύμφωνα με την Οδηγία EN 12845:2009



Wilo GPA EN-MP

Wilo GPA-EN MP													
Τύπος	Q _{lim} (1) HHS/HHP	Q _{lim} (2) NPSH = 5m	Παροχή (m ³ /h)										
			0	5	10	15	18	20	22.5	25	27.5	32.5	37.5
			Μανομετρικό ύψος (m ΣΥ)										
GPA-EN MP 32/200-189-4.25/0.75	20	20	46	45.3	43.7	40	36.6	35	31.4	27.5	24		
GPA-EN MP 32/200-206-6.2/0.75	22.5	25	53.6	53.6	52.7	50.8	49.2	47.9	45.5	43	39.5	30	
GPA-EN MP 32/200-212-6.9/1.1	25	25	58.5	58.5	58.4	57.9	57.5	56.3	55.6	53.4	51	42	36.3
			0	10	20	30	35	40	45	50	55	60	65
GPA-EN MP 32/250-220-12.8/1.1	32	37.5	64	64	62.6	59.5	57.4	54.3	50				
GPA-EN MP 32/250-230-17.5/1.1	35	37.5	72	70.8	69.2	66	63.8	61.3	58.5	55.4	51.8	47.5	43
GPA-EN MP 32/250-240-17.5/1.1	35	37.5	78	77.7	76.4	72.3	69.4	65.9	62.1	58			
GPA-EN MP 32/250-248-26.5/1.1	41	46	86	85.5	84	81	78.5	75.8	72.9	69.5	64.7	58	
GPA-EN MP 32/250-260-26.5/1.1	43.5	46	95	94.5	93.4	90.2	88	85	81	76.7	70.7	63.4	55
			0	5	10	15	20	25	30	35	40	45	52
GPA-EN MP 40/200-182-6.2/0.75	27.5	30	43	43	43	42.4	39.7	35.8	31.5	26.8	21.5		
GPA-EN MP 40/200-190-6.2/0.75	32	38	46	46	46	45.7	44	41.3	38.1	34.2	29.6	25.1	19.2
GPA-EN MP 40/200-212-10.5/1.1	38	40	58	58	58	57.7	57	55	52.4	48	44	40	34
			0	5	10	20	30	40	50	60	65	70	75
GPA-EN MP 40/250-220-17.5/1.1	40	55	67.5	67	66.7	64.7	60.3	54.2	47.1	35			
GPA-EN MP 40/250-230-17.5/1.1	45	59	74	73.5	73	71.5	68.4	64.3	59.8	52	45		
GPA-EN MP 40/250-240-26.5/1.1	52	68	82	81.5	81	79.3	76.5	73	68	61.9	58.3	53.2	46
GPA-EN MP 40/250-250-26.5/1.1	52	69.5	89	88.7	88.5	86.8	84	80	74.6	68	64	58.5	50.5
GPA-EN MP 40/250-255-26.5/1.1	52	69.5	95	94	93.1	90.5	86.7	82.2	76.5	68.8	64.1	59	51
			0	15	30	40	50	60	70	75	83	88	98
GPA-EN MP 50/160-160-6.9/0.75	60	72.5	36.7	36.5	35.7	34.7	33	30.5	27.2	25.6	21.6		
GPA-EN MP 50/160-174-10.5/0.75	65	75	44	43.3	41.7	40.6	39	36.7	33.8	32	28.9	26.7	22.5
			0	5	10	20	30	40	50	60	65	74	78
GPA-EN MP 50/200-200-10.5/0.75	50	65	52	52	52	52	51	47.8	43.5	38.2	35	28	23
GPA-EN MP 50/200-209-12.8/0.75	50	64	58	58	58	57.7	56	52.3	47	41	37.6	30	
GPA-EN MP 50/200-214-12.8/1.1	50	67.7	61.8	61.7	61.4	60.5	59.2	56.5	53	47.7	44.5	35	25
			0	15	30	45	60	70	80	90	100	120	138
GPA-EN MP 50/200-205N-26.5/1.1	75	75	61.5	60	58.9	56.8	53.2	50	46.5	42.2	37.2	27	
GPA-EN MP 50/200-216N-26.5/1.1	82.5	92	69	69	68.3	66.5	63.3	60	55.8	56	45.3	33.4	23
			0	15	30	45	60	70	80	90	100	120	138
GPA-EN MP 50/250-220-26.5/1.1	51	60	69	69	67.5	62.5	54.6	47.6	40.2	30			
GPA-EN MP 50/250-230-26.5/1.1	58	66.5	77	76.5	75.5	71.3	64.5	58.5	51	41.5	30.5		
GPA-EN MP 50/250-247-31.5/1.1	64	76	88.5	88	87.4	84	77.3	71.2	64.5	55.2	44	20	
GPA-EN MP 50/250-260-31.5/1.1	69	90	100	100	99.7	96.7	90.5	84	75.5	65	54	30	
			0	20	40	60	80	100	120	140	155	180	188
GPA-EN MP 65/200-185-26.5/0.75	95	105	45	45	44.9	44	42	35.3	29.5	21.6	14.3		
GPA-EN MP 65/200-192-26.5/0.75	108	110	50.5	50.5	50.3	49.9	48	44.4	39.7	33.3	27.5	16.7	
GPA-EN MP 65/200-215-31.5/1.1	120	130	65.6	65.6	65.1	64.8	63.7	60	55.6	50	40.5	34	30
			0	25	50	75	100	120	140	150	168	178	198
GPA-EN MP 65/250-220-31.5/1.1	100	100	68.5	68.5	68.5	66.3	62.1	57.6	52.7	50			
GPA-EN MP 65/250-235-47.7/1.1	110	110	76	75.8	75	73	69.3	64.7	59.9	57.4	53		
GPA-EN MP 65/250-250-47.7/1.1	110	110	89	89	89	87.7	84	79.3	74.6	72.3	67.5	65	
GPA-EN MP 65/250-255-47.7/1.1	110	110	92	92	92	90.7	87	82	76.4	73.6	68.9	66	61
GPA-EN MP 65/250-259-47.7/1.1	110	110	95	95	95	93.7	90	85	79.4	76.6	71.9	69	64
			0	20	40	60	70	90	100	120	140	160	170
GPA-EN MP 65/315-273-66/1.1	120	120	101	101	101	100	99	96.5	95	90	86	83	79

Πιεστικά Συγκροτήματα Πυρόσβεσης

Πυροσβεστικά Συγκροτήματα σύμφωνα με την Οδηγία EN 12845:2009



Wilo GPA EN-MP

Wilo GPA-EN MP		Παροχή (m ³ /h)												
Τύπος	Qlim(1) HHS/HHP	Qlim(2) NPSH = 5m	Μανομετρικό ύψος (m ΣΥ)											
			0	30	60	90	120	150	175	200	225	250	280	
GPA-EN MP 80/200-207R-47.7/0.75	180	180	51.5	51.5	51.5	51.3	50.4	47.1	44	40	36.2	31		
GPA-EN MP 80/200-209-47.7/1.1	180	180	60	60	60	59.7	59	57.5	55	52.5	48.3	44.7	38	
GPA-EN MP 80/200-215-47.7/1.1	180	180	63.5	63.5	63.5	63.4	63	61.6	59.5	56	52.5	48	42.8	
			0	50	100	150	200	250	275	300	327	360	390	
GPA-EN MP 80/250-230-66/1.1	230	230	70.3	70.3	69.8	66.5	61	54.5	50	47.5	43.5			
GPA-EN MP 80/250-245-100/1.1	250	250	80	80	79.5	76.2	71	64	60	57.5	54.4	50	46	
GPA-EN MP 80/250-257-100/1.1	250	250	91	91	91	89.7	85	80	77.5	74.9	71.5	67	64	
GPA-EN MP 80/250-269-100/1.1*	250	250	102	102	102	101	96.5	92	87.5	86	82.5	78	75	
			0	30	70	100	120	150	180	220	250	277	320	
GPA-EN MP 80/315-302-130/1.5	180	180	117	117	116.5	116	116	113	112	107.5	100	86		
GPA-EN MP 80/315-320-130/2.2	180	180	142	142	142	142	140	139	137	132	125	115	87	
			0	50	100	150	200	220	250	280	320	360	380	
GPA-EN MP 100/200-195R-26.5/0.75	140	140	37.1	37.1	36.4	32.9	28	26.5	22.5	17.9	11			
GPA-EN MP 100/200-190-31.5/0.75	220	240	43	42.9	42.1	40.5	37.5	36	33	29.8	24	17.5		
GPA-EN MP 100/200-205-47.7/0.75	230	240	51	50.6	49.9	48.3	45	43.5	40	36.8	29.5	20		
GPA-EN MP 100/200-211-47.7/1.1	230	240	57	56.5	56	54.8	52.8	51.8	50	44.5	41.5	35		
GPA-EN MP 100/200-219-66/1.1	240	240	62.2	61.7	61.2	60	58	57	55	51.8	45.8	37.8	33	
			0	50	100	150	200	250	300	330	360	390	415	
GPA-EN MP 100/250-220-66/1.1	240	275	59.6	59.6	59.6	58.8	53.9	48	42	37	31	23		
GPA-EN MP 100/250-233-66/1.1	250	275	68	67.7	67.4	66.7	62.5	56.5	48.5	44	38.2	29.5	22	
GPA-EN MP 100/250-250-100/1.1	260	275	80	79.7	79.6	79.2	76.3	71	64	58.7	53.3	46.2	40	
GPA-EN MP 100/250-265-100/1.1	270	270	95	94.5	94	92	89.5	85	80	76	72	63	56	
GPA-EN MP 100/250-269-100/1.1	275	275	97.5	97.4	97.1	95.8	93	89.2	83	78	74	67.5	61	
			0	50	100	150	175	225	275	325	375	425	450	
GPA-EN MP 100/315-292-130/1.5	250	250	110	110	109	108.5	107.5	105	100	95	88	81		
GPA-EN MP 100/315-308-177/1.5	250	250	121	121	120.5	120.5	120	119.5	116	110	105	95	90	
			0	75	150	225	300	350	425	500	575	600	625	
GPA-EN MP 125/250-230-100/1.1	390	375	64	63.8	63.7	63.5	59.7	57.2	53	46.6	35			
GPA-EN MP 125/250-239-130/1.1*	390	375	73	72.5	71.5	70.5	68.5	66	63	58	52.5			
GPA-EN MP 125/250-250-130/1.1	430	400	79	78.8	78.3	76.8	74.4	72	68.6	63.3	54.7	50		
GPA-EN MP 125/250-266-177/1.1	450	375	91	90.7	90.4	89.8	87.6	86	83	78.9	71.4	68.2	65	
			0	50	100	150	200	250	300	350	400	450	524	
GPA-EN MP 125/315-287-147/1.1	300	300	104	103	102	101	100	99.5	96	92	85	78		
GPA-EN MP 125/315-298-177/1.5	350	375	120	119	117.5	116	114	110	106.5	100	94	86	71	
			0	50	100	200	300	400	450	500	600	700	775	
GPA-EN MP 150/315-284-200/1.1	450	450	95	95	95	95	95	93.5	92	90	83.5	73	60	
GPA-EN MP 150/315-290-221/1.1	450	450	100	100	100	100	100	98	97.5	95	89	78	65	

Πιεστικά Συγκροτήματα Πυρόσβεσης

Πυροσβεστικά Συγκροτήματα σύμφωνα με την Οδηγία EN 12845:2009



Wilo GPA-EN EEP

Wilo GPA-EN EEP, 3~400 V, 50 Hz

Τύπος	Q _{lim} (1) HHS/HHP	Q _{lim} (2) NPSH = 5m	Παροχή (m ³ /h)											
			0	5	10	15	18	20	22.5	25	27.5	32.5	37.5	
			Μανομετρικό ύψος (m ΣΥ)											
GPA-EN EEP 32/200-189-4/4/0.75	20	20	46	45.3	43.7	40	36.6	35	31.4	27.5	24			
GPA-EN EEP 32/200-206-5.5/5.5/0.75	22.5	25	53.6	53.6	52.7	50.8	49.2	47.9	45.5	43	39.5	30		
GPA-EN EEP 32/200-212-7.5/7.5/1.1	25	25	58.5	58.5	58.4	57.9	57.5	56.3	55.6	53.4	51	42	36.3	
			0	10	20	30	35	40	45	50	55	60	65	
GPA-EN EEP 32/250-220-11/11/1.1	32	37.5	64	64	62.6	59.5	57.4	54.3	50					
GPA-EN EEP 32/250-230-18.5/18.5/1.1	35	37.5	72	70.8	69.2	66	63.8	61.3	58.5	55.4	51.8	47.5	43	
GPA-EN EEP 32/250-240-18.5/18.5/1.1	35	37.5	78	77.7	76.4	72.3	69.4	65.9	62.1	58				
GPA-EN EEP 32/250-248-22/22/1.1	41	46	86	85.5	84	81	78.5	75.8	72.9	69.5	64.7	58		
GPA-EN EEP 32/250-260-22/22/1.1	43.5	46	95	94.5	93.4	90.2	88	85	81	76.7	70.7	63.4	55	
			0	5	10	15	20	25	30	35	40	45	52	
GPA-EN EEP 40/200-182-5.5/5.5/0.75	27.5	30	43	43	43	42.4	39.7	35.8	31.5	26.8	21.5			
GPA-EN EEP 40/200-190-7.5/7.5/0.75	32	38	46	46	46	45.7	44	41.3	38.1	34.2	29.6	25.1	19.2	
GPA-EN EEP 40/200-212-11/11/1.1	38	40	58	58	58	57.7	57	55	52.4	48	44	40	34	
			0	5	10	20	30	40	50	60	65	70	75	
GPA-EN EEP 40/250-220-15/15/1.1	40	55	67.5	67	66.7	64.7	60.3	54.2	47.1	35				
GPA-EN EEP 40/250-230-18.5/18.5/1.1	45	59	74	73.5	73	71.5	68.4	64.3	59.8	52	45			
GPA-EN EEP 40/250-240-18.5/18.5/1.1	52	68	82	81.5	81	79.3	76.5	73	68	61.9	58.3	53.2	46	
GPA-EN EEP 40/250-250-22/22/1.1	52	69.5	89	88.7	88.5	86.8	84	80	74.6	68	64	58.5	50.5	
GPA-EN EEP 40/250-255-22/22/1.1	52	69.5	95	94	93.1	90.5	86.7	82.2	76.5	68.8	64.1	59	51	
			0	15	30	40	50	60	70	75	83	88	98	
GPA-EN EEP 50/160-160-7.5/7.5/0.75	60	72.5	36.7	36.5	35.7	34.7	33	30.5	27.2	25.6	21.6			
GPA-EN EEP 50/160-174-11/11/0.75	65	75	44	43.3	41.7	40.6	39	36.7	33.8	32	28.9	26.7	22.5	
			0	5	10	20	30	40	50	60	65	74	78	
GPA-EN EEP 50/200-200-11/11/0.75	50	65	52	52	52	52	51	47.8	43.5	38.2	35	28	23	
GPA-EN EEP 50/200-209-11/11/0.75	50	64	58	58	58	57.7	56	52.3	47	4.1	37.6	30		
GPA-EN EEP 50/200-214-15/15/1.1	50	67.7	61.8	61.7	61.4	60.5	59.2	56.5	53	47.7	44.5	35	25	
			0	15	30	45	60	70	80	90	100	120	138	
GPA-EN EEP 50/200-205N-18.5/18.5/1.1	75	75	61.5	60	58.9	56.8	53.2	50	46.5	42.2	37.2	27		
GPA-EN EEP 50/200-216N-22/22/1.1	82.5	92	69	69	68.3	66.5	63.3	60	55.8	56	45.3	33.4	23	
			0	15	30	45	60	70	80	90	100	120	138	
GPA-EN EEP 50/250-220-22/22/1.1	51	60	69	69	67.5	62.5	54.6	47.6	40.2	30				
GPA-EN EEP 50/250-230-22/22/1.1	58	66.5	77	76.5	75.5	71.3	64.5	58.5	51	41.5	30.5			
GPA-EN EEP 50/250-247-30/30/1.1	64	76	88.5	88	87.4	84	77.3	71.2	64.5	55.2	44	20		
GPA-EN EEP 50/250-260-37/37/1.1	69	90	100	100	99.7	96.7	90.5	84	75.5	65	54	30		

Πιεστικά Συγκροτήματα Πυρόσβεσης

Πυροσβεστικά Συγκροτήματα σύμφωνα με την Οδηγία EN 12845:2009



Wilo GPA-EN EEP

Wilo GPA-EN EEP, 3~400 V, 50 Hz													
Τύπος	Qlim(1) HHS/HHP	Qlim(2) NPSH = 5m	Παροχή (m³/h)										
			0	20	40	60	80	100	120	140	155	180	188
			Μανομετρικό ύψος (m ΣΥ)										
GPA-EN EEP 65/200-185-18.5/18.5/0.75	95	105	45	45	44.9	44	42	35.3	29.5	21.6	14.3		
GPA-EN EEP 65/200-192-22/22/0.75	108	110	50.5	50.5	50.3	49.9	48	44.4	39.7	33.3	27.5	16.7	
GPA-EN EEP 65/200-215-30/30/1.1	120	130	65.6	65.6	65.1	64.8	63.7	60	55.6	50	40.5	34	30
			0	25	50	75	100	120	140	150	168	178	198
GPA-EN EEP 65/250-220-30/30/1.1	100	100	68.5	68.5	68.5	66.3	62.1	57.6	52.7	50			
GPA-EN EEP 65/250-235-37/37/1.1	110	110	76	75.8	75	73	69.3	64.7	59.9	57.4	53		
GPA-EN EEP 65/250-250-45/45/1.1	110	110	89	89	89	87.7	84	79.3	74.6	72.3	67.5	65	
GPA-EN EEP 65/250-255-45/45/1.1	110	110	92	92	92	90.7	87	82	76.4	73.6	68.9	66	61
GPA-EN EEP 65/250-259-55/55/1.1	110	110	95	95	95	93.7	90	85	79.4	76.6	71.9	69	64
			0	20	40	60	70	90	100	120	140	160	170
GPA-EN EEP 65/315-273-55/55/1.1	120	120	101	101	101	100	99	96.5	95	90	86	83	79
			0	30	60	90	120	150	175	200	225	250	280
GPA-EN EEP 80/200-207R-37/37/0.75	180	180	51.5	51.5	51.5	51.3	50.4	47.1	44	40	36.2	31	
GPA-EN EEP 80/200-209-45/45/1.1	180	180	60	60	60	59.7	59	57.5	55	52.5	48.3	44.7	38
GPA-EN EEP 80/200-215-55/55/1.1	180	180	63.5	63.5	63.5	63.4	63	61.6	59.5	56	52.5	48	42.8
			0	50	100	150	200	250	275	300	327	360	390
GPA-EN EEP 80/250-230-55/55/1.1	230	230	70.3	70.3	69.8	66.5	61	54.5	50	47.5	43.5		
GPA-EN EEP 80/250-245-75/75/1.1	250	250	80	80	79.5	76.2	71	64	60	57.5	54.4	50	46
GPA-EN EEP 80/250-257-90/90/1.1	250	250	91	91	91	89.7	85	80	77.5	74.9	71.5	67	64
GPA-EN EEP 80/250-269-110/110/1.1	250	250	102	102	102	101	96.5	92	87.5	86	82.5	78	75
			0	30	70	100	120	150	180	220	250	277	320
GPA-EN EEP 80/315-302-110/110/1.5	180	180	117	112	116.5	116	116	113	112	107.5	100	86	
GPA-EN EEP 80/315-320-132/132/2.2	180	180	142	142	142	142	140	139	137	132	125	115	87
			0	50	100	150	200	220	250	280	320	360	380
GPA-EN EEP 100/200-195R-22/22/0.75	140	140	37.1	37.1	36.4	32.9	28	26.5	22.5	17.9	11		
GPA-EN EEP 100/200-190-30/30/0.75	220	240	43	42.9	42.1	40.5	37.5	36	33	29.8	24	17.5	
GPA-EN EEP 100/200-205-37/37/0.75	230	240	51	50.6	49.9	48.3	45	43.5	40	36.8	29.5	20	
GPA-EN EEP 100/200-211-45/45/1.1	230	240	57	56.5	56	54.8	52.8	51.8	50	44.5	41.5	35	
GPA-EN EEP 100/200-219-55/55/1.1	240	240	62.2	61.7	61.2	60	58	57	55	51.8	45.8	37.8	33
			0	50	100	150	200	250	300	330	360	390	415
GPA-EN EEP 100/250-220-55/55/1.1	240	275	59.6	59.6	59.6	58.8	53.9	48	42	37	31	23	
GPA-EN EEP 100/250-233-75/75/1.1	250	275	68	67.7	67.4	66.7	62.5	56.5	48.5	44	38.2	29.5	22
GPA-EN EEP 100/250-250-75/75/1.1	260	275	80	79.7	79.6	79.2	76.3	71	64	58.7	53.3	46.2	40
GPA-EN EEP 100/250-265-90/90/1.1	270	270	95	94.5	94	92	89.5	85	80	76	72	63	56
GPA-EN EEP 100/250-269-110/110/1.1	275	275	97.5	97.4	97.1	95.8	93	89.2	83	78	74	67.5	61
			0	50	100	150	175	225	275	325	375	425	450
GPA-EN EEP 100/315-292-132/132/1.5	250	250	110	110	109	109	108	105	100	95	88	81	
GPA-EN EEP 100/315-308-160/160/1.5	250	250	121	121	120.5	121	120	119.5	116	110	105	95	90
			0	75	150	225	300	350	425	500	575	600	625
GPA-EN EEP 125/250-230-90/90/1.1	390	375	64	63.8	63.7	63.5	59.7	57.2	53	46.6	35		
GPA-EN EEP 125/250-239-110/110/1.1	390	375	73	72.5	71.5	70.5	68.5	66	63	58	52.5		
GPA-EN EEP 125/250-250-132/132/1.1	430	400	79	78.8	78.3	76.8	74.4	72	68.6	63.3	54.7	50	
GPA-EN EEP 125/250-266-160/160/1.1	450	375	91	90.7	90.4	89.8	87.6	86	83	78.9	71.4	68.2	65
			0	50	100	150	200	250	300	350	400	450	524
GPA-EN EEP 125/315-287-160/160/1.1	300	300	104	103	102	101	100	99.5	96	92	85	78	
GPA-EN EEP 125/315-298-160/160/1.5	350	375	120	119	117.5	116	114	110	106.5	100	94	86	71
			0	50	100	200	300	400	450	500	600	700	775
GPA-EN EEP 150/315-284-200/200/1.1	450	450	95	95	95	95	95	93.5	92	90	83.5	73	60
GPA-EN EEP 150/315-290-250/250/1.1	450	450	100	100	100	100	100	98	97.5	95	89	78	65

Πιεστικά Συγκροτήματα Πυρόσβεσης

Πυροσβεστικά Συγκροτήματα σύμφωνα με την Οδηγία EN 12845:2009



Wilo GPA-EN EMP

Wilo GPA-EN EMP													
Τύπος	Q _{lim} (1) HHS/HHP	Q _{lim} (2) NPSH = 5m	Παροχή (m ³ /h)										
			0	5	10	15	18	20	22.5	25	27.5	32.5	37.5
			Μανομετρικό ύψος (m ΣΥ)										
GPA-EN EMP 32/200-189-4/4.25/0.75	20	20	46	45.3	43.7	40	36.6	35	31.4	27.5	24		
GPA-EN EMP 32/200-206-5.5/6.2/0.75	22.5	25	53.6	53.6	52.7	50.8	49.2	47.9	45.5	43	39.5	30	
GPA-EN EMP 32/200-212-7.5/6.9/1.1	25	25	58.5	58.5	58.4	57.9	57.5	56.3	55.6	53.4	51	42	36.3
			0	10	20	30	35	40	45	50	55	60	65
GPA-EN EMP 32/250-220-11/12.8/1.1	32	37.5	64	64	62.6	59.5	57.4	54.3	50				
GPA-EN EMP 32/250-230-18.5/17.5/1.1	35	37.5	72	70.8	69.2	66	63.8	61.3	58.5	55.4	51.8	47.5	43
GPA-EN EMP 32/250-240-18.5/17.5/1.1	35	37.5	78	77.7	76.4	72.3	69.4	65.9	62.1	58			
GPA-EN EMP 32/250-248-22/26.5/1.1	41	46	86	85.5	84	81	78.5	75.8	72.9	69.5	64.7	58	
GPA-EN EMP 32/250-260-22/26.5/1.1	43.5	46	95	94.5	93.4	90.2	88	85	81	76.7	70.7	63.4	55
			0	5	10	15	20	25	30	35	40	45	52
GPA-EN EMP 40/200-182-5.5/6.2/0.75	27.5	30	43	43	43	42.4	39.7	35.8	31.5	26.8	21.5		
GPA-EN EMP 40/200-190-7.5/6.2/0.75	32	38	46	46	46	45.7	44	41.3	38.1	34.2	29.6	25.1	19.2
GPA-EN EMP 40/200-212-11/10.5/1.1	38	40	58	58	58	57.7	57	55	52.4	48	44	40	34
			0	5	10	20	30	40	50	60	65	70	75
GPA-EN EMP 40/250-220-15/17.5/1.1	40	55	67.5	67	66.7	64.7	60.3	54.2	47.1	35			
GPA-EN EMP 40/250-230-18.5/17.5/1.1	45	59	74	73.5	73	71.5	68.4	64.3	59.8	52	45		
GPA-EN EMP 40/250-240-18.5/26.5/1.1	52	68	82	81.5	81	79.3	76.5	73	68	61.9	58.3	53.2	46
GPA-EN EMP 40/250-250-22/26.5/1.1	52	69.5	89	88.7	88.5	86.8	84	80	74.6	68	64	58.5	50.5
			0	5	10	15	20	25	30	35	40	45	50
GPA-EN EMP 40/250-255-22/26.5/1.1	52	69.5	95	94	93.1	90.5	86.7	82.2	76.5	68.8	64.1	59	51
			0	15	30	40	50	60	70	75	83	88	98
GPA-EN EMP 50/160-160-7.5/6.9/0.75	60	72.5	36.7	36.5	35.7	34.7	33	30.5	27.2	25.6	21.6		
			0	5	10	15	20	25	30	35	40	45	50
GPA-EN EMP 50/160-174-11/10.5/0.75	65	75	44	43.3	41.7	40.6	39	36.7	33.8	32	28.9	26.7	22.5
			0	5	10	20	30	40	50	60	65	74	78
GPA-EN EMP 50/200-200-11/10.5/0.75	50	65	52	52	52	52	51	47.8	43.5	38.2	35	28	23
GPA-EN EMP 50/200-209-11/12.8/0.75	50	64	58	58	58	57.7	56	52.3	47	4.1	37.6	30	
			0	5	10	15	20	25	30	35	40	45	50
GPA-EN EMP 50/200-214-15/12.8/1.1	50	67.7	61.8	61.7	61.4	60.5	59.2	56.5	53	47.7	44.5	35	25
			0	15	30	45	60	70	80	90	100	120	138
GPA-EN EMP 50/200-205N-18.5/26.5/1.1	75	75	61.5	60	58.9	56.8	53.2	50	46.5	42.2	37.2	27	
			0	5	10	15	20	25	30	35	40	45	50
GPA-EN EMP 50/200-216N-22/26.5/1.1	82.5	92	69	69	68.3	66.5	63.3	60	55.8	56	45.3	33.4	23
			0	15	30	45	60	70	80	90	100	120	138
GPA-EN EMP 50/250-220-22/26.5/1.1	51	60	69	69	67.5	62.5	54.6	47.6	40.2	30			
GPA-EN EMP 50/250-230-22/26.5/1.1	58	66.5	77	76.5	75.5	71.3	64.5	58.5	51	41.5	30.5		
GPA-EN EMP 50/250-247-30/31.5/1.1	64	76	88.5	88	87.4	84	77.3	71.2	64.5	55.2	44	20	
GPA-EN EMP 50/250-260-37/31.5/1.1	69	90	100	100	99.7	96.7	90.5	84	75.5	65	54	30	
			0	20	40	60	80	100	120	140	155	180	188
GPA-EN EMP 65/200-185-18.5/26.5/0.75	95	105	45	45	44.9	44	42	35.3	29.5	21.6	14.3		
GPA-EN EMP 65/200-192-22/26.5/0.75	108	110	50.5	50.5	50.3	49.9	48	44.4	39.7	33.3	27.5	16.7	
GPA-EN EMP 65/200-215-30/31.5/1.1	120	130	65.6	65.6	65.1	64.8	63.7	60	55.6	50	40.5	34	30
			0	25	50	75	100	120	140	150	168	178	198
GPA-EN EMP 65/250-220-30/31.5/1.1	100	100	68.5	68.5	68.5	66.3	62.1	57.6	52.7	50			
GPA-EN EMP 65/250-235-37/47.7/1.1	110	110	76	75.8	75	73	69.3	64.7	59.9	57.4	53		
GPA-EN EMP 65/250-250-45/47.7/1.1	110	110	89	89	89	87.7	84	79.3	74.6	72.3	67.5	65	
GPA-EN EMP 65/250-255-45/47.7/1.1	110	110	92	92	92	90.7	87	82	76.4	73.6	68.9	66	61
GPA-EN EMP 65/250-259-55/47.7/1.1	110	110	95	95	95	93.7	90	85	79.4	76.6	71.9	69	64
			0	20	40	60	70	90	100	120	140	160	170
GPA-EN EMP 65/315-273-55/66/1.1	120	120	101	101	101	100	99	96.5	95	90	86	83	79

Πιεστικά Συγκροτήματα Πυρόσβεσης

Πυροσβεστικά Συγκροτήματα σύμφωνα με την Οδηγία EN 12845:2009



Wilo GPA-EN EMP

Wilo GPA-EN EMP													
Τύπος	Qlim(1) HHS/HHP	Qlim(2) NPSH = 5m	Παροχή (m ³ /h)										
			0	30	60	90	120	150	175	200	225	250	280
			Μανομετρικό ύψος (m ΣΥ)										
GPA-EN EMP 80/200-207R-37/47.7/0.75	180	180	51.5	51.5	51.5	51.3	50.4	47.1	44	40	36.2	31	
GPA-EN EMP 80/200-209-45/47.7/1.1	180	180	60	60	60	59.7	59	57.5	55	52.5	48.3	44.7	38
GPA-EN EMP 80/200-215-55/47.7/1.1	180	180	63.5	63.5	63.5	63.4	63	61.6	59.5	56	52.5	48	42.8
			0	50	100	150	200	250	275	300	327	360	390
GPA-EN EMP 80/250-230-55/66/1.1	230	230	70.3	70.3	69.8	66.5	61	54.5	50	47.5	43.5		
GPA-EN EMP 80/250-245-75/100/1.1	250	250	80	80	79.5	76.2	71	64	60	57.5	54.4	50	46
GPA-EN EMP 80/250-257-90/100/1.1	250	250	91	91	91	89.7	85	80	77.5	74.9	71.5	67	64
GPA-EN EMP 80/250-269-110/100/1.1*	250	250	102	102	102	101	96.5	92	87.5	86	82.5	78	75
			0	30	70	100	120	150	180	220	250	277	320
GPA-EN EMP 80/315-302-110/130/1.5	180	180	117	117	116.5	116	116	113	112	107.5	100	86	
GPA-EN EMP 80/315-320-132/130/2.2	180	180	142	142	142	142	140	139	137	132	125	115	87
			0	50	100	150	200	220	250	280	320	360	380
GPA-EN EMP 100/200-195R-22/26.5/0.75	140	140	37.1	37.1	36.4	32.9	28	26.5	22.5	17.9	11		
GPA-EN EMP 100/200-190-30/31.5/0.75	220	240	43	42.9	42.1	40.5	37.5	36	33	29.8	24	17.5	
GPA-EN EMP 100/200-205-37/47.7/0.75	230	240	51	50.6	49.9	48.3	45	43.5	40	36.8	29.5	20	
GPA-EN EMP 100/200-211-45/47.7/1.1	230	240	57	56.5	56	54.8	52.8	51.8	50	44.5	41.5	35	
GPA-EN EMP 100/200-219-55/66/1.1	240	240	62.2	61.7	61.2	60	58	57	55	51.8	45.8	37.8	33
			0	50	100	150	200	250	300	330	360	390	415
GPA-EN EMP 100/250-220-55/66/1.1	240	275	59.6	59.6	59.6	58.8	53.9	48	42	37	31	23	
GPA-EN EMP 100/250-233-75/66/1.1	250	275	68	67.7	67.4	66.7	62.5	56.5	48.5	44	38.2	29.5	22
GPA-EN EMP 100/250-250-75/100/1.1	260	275	80	79.7	79.6	79.2	76.3	71	64	58.7	53.3	46.2	40
GPA-EN EMP 100/250-265-90/100/1.1	270	270	95	94.5	94	92	89.5	85	80	76	72	63	56
GPA-EN EMP 100/250-269-110/100/1.1	275	275	97.5	97.4	97.1	95.8	93	89.2	83	78	74	67.5	61
			0	50	100	150	175	225	275	325	375	425	450
GPA-EN EMP 100/315-292-132/130/1.5	250	250	110	110	109	109	108	105	100	95	88	81	
GPA-EN EMP 100/315-308-160/177/1.5	250	250	121	121	120.5	121	120	119.5	116	110	105	95	90
			0	75	150	225	300	350	425	500	575	600	625
GPA-EN EMP 125/250-230-90/100/1.1	390	375	64	63.8	63.7	63.5	59.7	57.2	53	46.6	35		
GPA-EN EMP 125/250-239-110/130/1.1*	390	375	73	72.5	71.5	70.5	68.5	66	63	58	52.5		
GPA-EN EMP 125/250-250-132/130/1.1	430	400	79	78.8	78.3	76.8	74.4	72	68.6	63.3	54.7	50	
GPA-EN EMP 125/250-266-160/177/1.1	450	375	91	90.7	90.4	89.8	87.6	86	83	78.9	71.4	68.2	65
			0	50	100	150	200	250	300	350	400	450	524
GPA-EN EMP 125/315-287-160/147/1.1	300	300	104	103	102	101	100	99.5	92	85	78		65
GPA-EN EMP 125/315-298-160/177/1.5	350	375	120	119	117.5	116	114	110	106.5	100	94	86	71
			0	50	100	200	300	400	450	500	600	700	775
GPA-EN EMP 150/315-284-200/200/1.1	450	450	95	95	95	95	95	93.5	92	90	83.5	73	60
GPA-EN EMP 150/315-290-250/221/1.1	450	450	100	100	100	100	100	98	97.5	95	89	78	65

Πιεστικά Συγκροτήματα Πυρόσβεσης

Πυροσβεστικά Συγκροτήματα σύμφωνα με την Οδηγία EN 12845:2009



Διαστάσεις Πυροσβεστικών

Διαστάσεις (mm)												
Τύπος	ΕΡ			ΜΡ			ΕΕΡ			ΕΜΡ		
	Μ	Π	Υ	Μ	Π	Υ	Μ	Π	Υ	Μ	Π	Υ
GPA-EN 32/200-189	1060	1059	1600	1060	1481	1600	1770	1059	1600	1770	1481	1600
GPA-EN 32/200-206	1060	1059	1600	1060	1481	1600	1770	1059	1600	1770	1481	1600
GPA-EN 32/200-219	1060	1059	1600	1060	1481	1600	1770	1059	1600	1770	1481	1600
GPA-EN 32/250-220	1060	1259	1700	1060	1581	1700	1770	1259	1700	1770	1581	1700
GPA-EN 32/250-230	1210	1321	1700	1210	1631	1700	1920	1321	1700	1920	1631	1700
GPA-EN 32/250-240	1210	1321	1700	1210	1631	1700	1920	1321	1700	1920	1631	1700
GPA-EN 32/250-248	1210	1371	1700	1210	1781	1700	1920	1371	1700	1920	1781	1700
GPA-EN 32/250-260	1210	1371	1700	1210	1781	1700	1920	1371	1700	1920	1781	1700
GPA-EN 40/200-182	1060	1121	1600	1060	1481	1600	1770	1121	1600	1770	1481	1600
GPA-EN 40/200-190	1060	1121	1600	1060	1481	1600	1770	1121	1600	1770	1481	1600
GPA-EN 40/200-212	1060	1321	1600	1060	1481	1600	1770	1321	1600	1770	1481	1600
GPA-EN 40/250-220	1210	1321	1700	1210	1631	1700	1920	1321	1700	1920	1631	1700
GPA-EN 40/250-230	1210	1331	1700	1210	1631	1700	1920	1331	1700	1920	1631	1700
GPA-EN 40/250-240	1210	1331	1700	1210	1781	1700	1920	1331	1700	1920	1781	1700
GPA-EN 40/250-250	1210	1371	1700	1210	1781	1700	1920	1371	1700	1920	1781	1700
GPA-EN 40/250-255	1210	1371	1700	1210	1781	1700	1920	1371	1700	1920	1781	1700
GPA-EN 50/160-165	1070	1135	1700	1070	1495	1700	1790	1135	1700	1790	1495	1700
GPA-EN 50/160-174	1070	1335	1700	1070	1495	1700	1790	1335	1700	1790	1495	1700
GPA-EN 50/200-200	1070	1335	1700	1070	1495	1700	1790	1335	1700	1790	1495	1700
GPA-EN 50/200-209	1070	1335	1700	1070	1595	1700	1790	1335	1700	1790	1595	1700
GPA-EN 50/200-214	1070	1335	1700	1070	1595	1700	1790	1335	1700	1790	1595	1700
GPA-EN 50/200-205N	1220	1335	1800	1220	1795	1800	1940	1335	1800	1940	1795	1800
GPA-EN 50/200-216N	1220	1386	1800	1220	1795	1800	1940	1386	1800	1940	1795	1800
GPA-EN 50/250-220	1220	1386	1800	1220	1795	1800	1940	1386	1800	1940	1795	1800
GPA-EN 50/250-230	1220	1386	1800	1220	1795	1800	1940	1386	1800	1940	1795	1800
GPA-EN 50/250-247	1220	1456	1800	1220	1895	1800	1940	1456	1800	1940	1895	1800
GPA-EN 50/250-260	1220	1535	1800	1220	1895	1800	1940	1535	1800	1940	1895	1800
GPA-EN 65/200-185	1220	1351	1900	1220	1795	1900	1990	1351	1900	1990	1795	1900
GPA-EN 65/200-192	1220	1391	1900	1220	1795	1900	1990	1391	1900	1990	1795	1900
GPA-EN 65/200-215	1220	1461	1900	1220	1901	1900	1990	1461	1900	1990	1901	1900
GPA-EN 65/250-220	1220	1541	1900	1220	2027	1900	1990	1541	1900	1990	2027	1900
GPA-EN 65/250-235	1220	1616	1900	1220	2027	1900	1990	1616	1900	1990	2027	1900
GPA-EN 65/250-250	1220	1633	1900	1220	2027	1900	1990	1633	1900	1990	2027	1900
GPA-EN 65/250-255	1220	1633	1900	1220	2027	1900	1990	1633	1900	1990	2027	1900
GPA-EN 65/250-259	1220	1816	1900	1220	2027	1900	1990	1816	1900	1990	2027	1900
GPA-EN 80/200-207R	1270	1651	2100	1270	2060	2100	2140	1651	2100	2140	2060	2100
GPA-EN 80/200-209	1270	1696	2100	1270	2060	2100	2140	1696	2100	2140	2060	2100
GPA-EN 80/200-215	1270	1849	2100	1270	2060	2100	2140	1849	2100	2140	2060	2100
GPA-EN 80/250-230	1270	1849	2100	1270	2160	2100	2140	1849	2100	2140	2160	2100
GPA-EN 80/250-245	1270	1949	2200	1270	2410	2200	2290	1949	2200	2290	2410	2200
GPA-EN 80/250-257	1270	1949	2200	1270	2410	2200	2290	1949	2200	2290	2410	2200
GPA-EN 80/250-269	1270	2149	2200	-	-	2200	2290	2149	2200	-	-	2200
GPA-EN 100/200-195R	1370	1566	2300	1370	1927	2300	2340	1566	2300	2340	1927	2300
GPA-EN 100/200-190	1370	1591	2300	1370	2077	2300	2340	1591	2300	2340	2077	2300
GPA-EN 100/200-205	1370	1666	2300	1370	2077	2300	2340	1666	2300	2340	2077	2300
GPA-EN 100/200-211	1370	1666	2300	1370	2077	2300	2340	1666	2300	2340	2077	2300
GPA-EN 100/200-219	1370	1866	2300	1370	2177	2300	2340	1866	2300	2340	2177	2300
GPA-EN 100/250-220	1370	1866	2300	1370	2177	2300	2340	1866	2300	2340	2177	2300
GPA-EN 100/250-233	1370	1966	2300	1370	2177	2300	2340	1966	2300	2340	2177	2300
GPA-EN 100/250-250	1370	1966	2300	1370	2427	2300	2340	1966	2300	2340	2427	2300
GPA-EN 100/250-265	1370	1966	2300	1370	2427	2300	2340	1966	2300	2340	2427	2300
GPA-EN 100/250-269	1370	2166	2300	1370	2427	2300	2340	2166	2300	2340	2427	2300
GPA-EN 125/250-230	1420	1979	2600	1420	2440	2600	2490	1979	2600	2490	2440	2600
GPA-EN 125/250-239	1420	2529	2600	-	-	2600	2490	2529	2600	-	-	2600
GPA-EN 125/250-250	1420	2529	2600	-	-	2600	2490	2529	2600	-	-	2600
GPA-EN 125/250-266	1420	2729	2600	-	-	2600	2490	2729	2600	-	-	2600