

SUPS 4



Unterwasserpumpen

Einsatzgebiete

- Wasserversorgung
- Beregnung
- Springbrunnen-Anlagen
- Wärmepumpen
- Regenwassernutzung

Ausführung

Drehstrom:

Pumpe kpl. mit Drehstrommotor 3~ 400V, 50 Hz, 2800 min⁻¹, inklusive Kabelverbinder mit Zugentlastung, inklusive Rückschlagventil.

Wechselstrom:

Pumpe kpl. mit Wechselstrommotor 1~ 230V, 50 Hz, 2800 min⁻¹, mit Anlaufgerät, inklusive Motorschutzschalter, inklusive Kabelbinder mit Zugentlastung, inklusive Rückschlagventil.

Antrieb

Schutzart..... IP 68
 Isolationsklasse..... B
 Spannung..... 1~ 230 V ± 10 %
 mit Anlaufgerät im ISO-Gehäuse
 Spannung..... 3~ 400 V ± 10 %
 Einschaltart..... Direktanlauf
 Drehzahl..... 2800 min⁻¹
 Frequenz..... 50 Hz

Technische Daten

Fördermenge Q bis max. 18 m³/h
 Förderhöhe H bis max. 415 mWs
 Medientemperatur..... t bis max. 30 °C
 Sandanteil..... bis max. 150 g/m³

Fördermedium

Reines, kaltes Wasser.

Werkstoffe

Pumpengehäuse Edelstahl 1.4301
 Stufen/Laufräder..... Edelstahl 1.4301
 Welle Edelstahl 1.4301
 Kupplung Edelstahl 1.4401
 Spaltring PTFE
 Lager/Zwischenlager NBR
 Sieb..... Edelstahl 1.4301

Typenschlüssel

SUPS 4-3-12

SUP SPECK Unterwasserpumpe
 S Edelstahlausführung
 4 Pumpentyp 4"
 3 Pumpengröße
 12 Stufenzahl

Zubehör

wie z.B. Unterwasserkabel als Kabelsatz, Schaltkästen, Trockenaufschutz usw. finden Sie auf den Seiten 125-137.

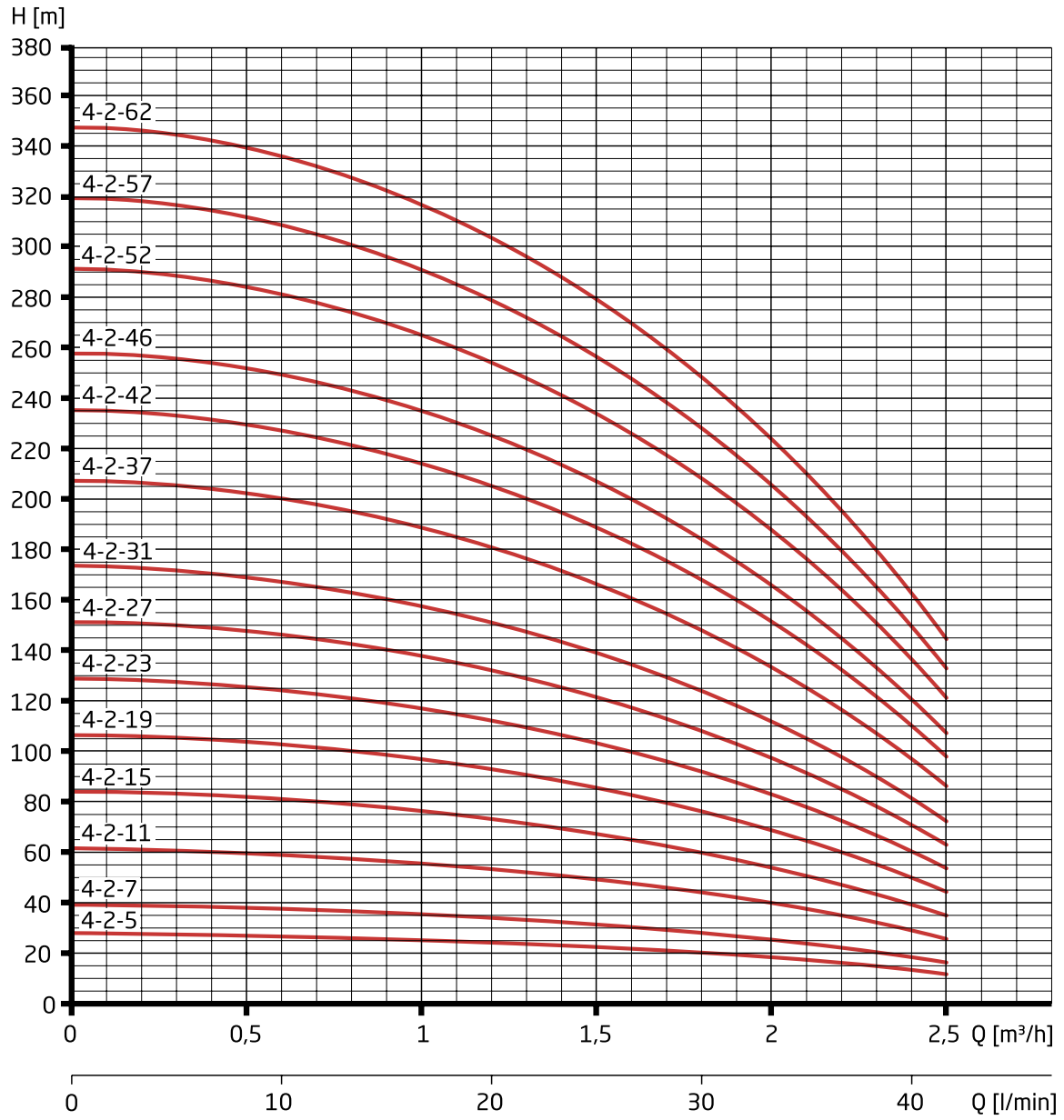
Sonderausführungen

- Sonderwerkstoffe 1.4401
- höhere Medientemperaturen

SUPS 4



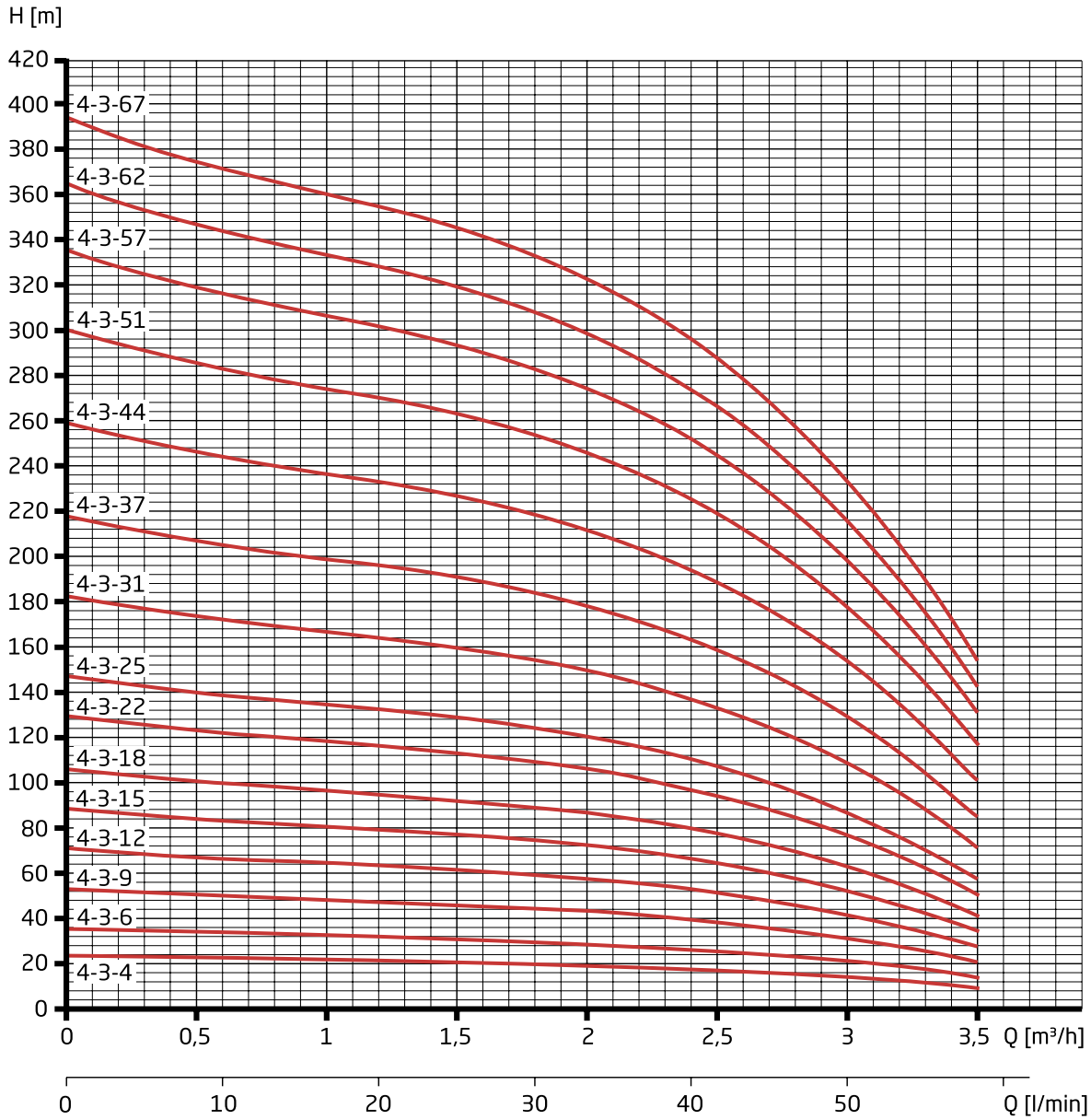
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SUPS 4



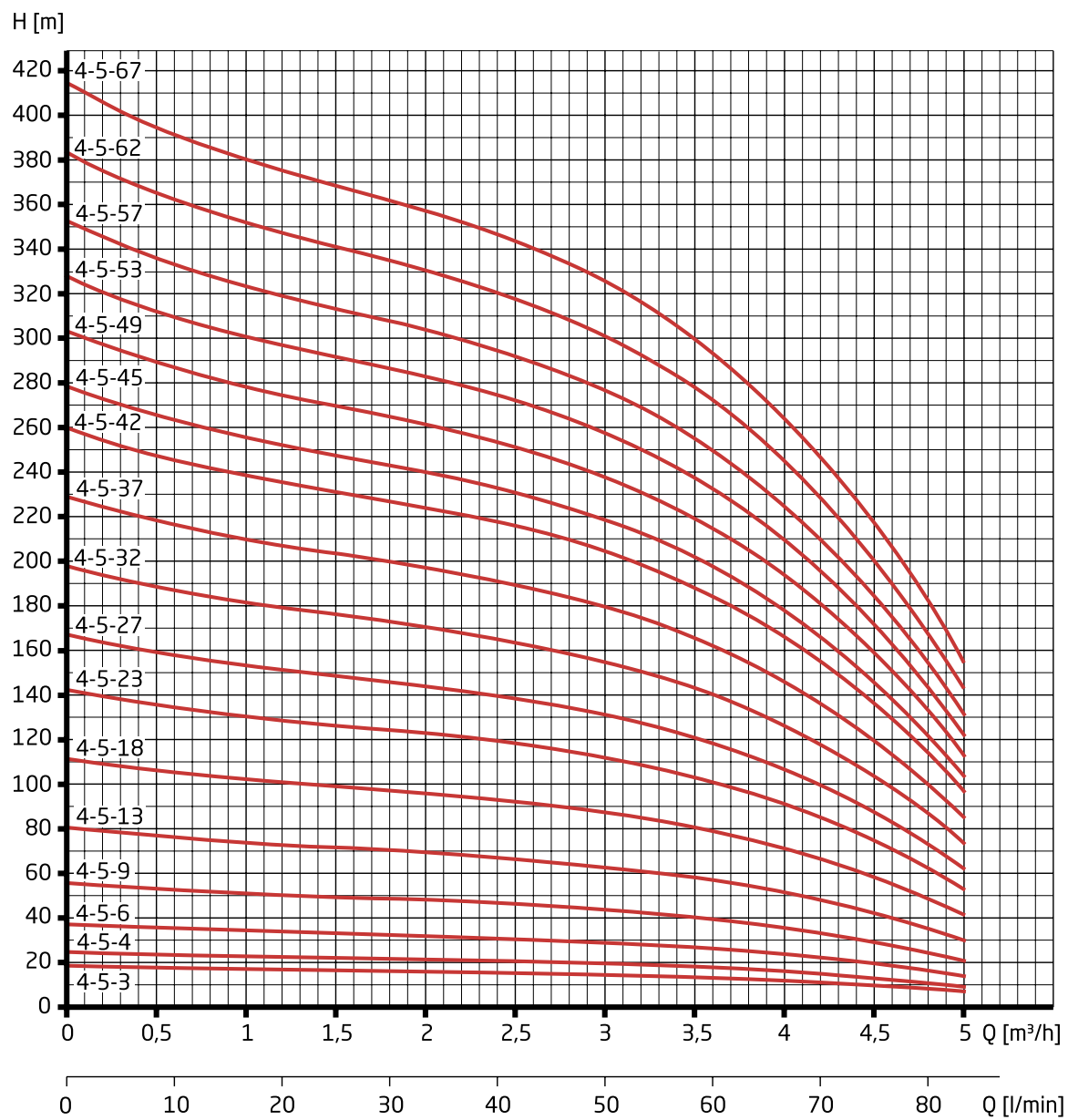
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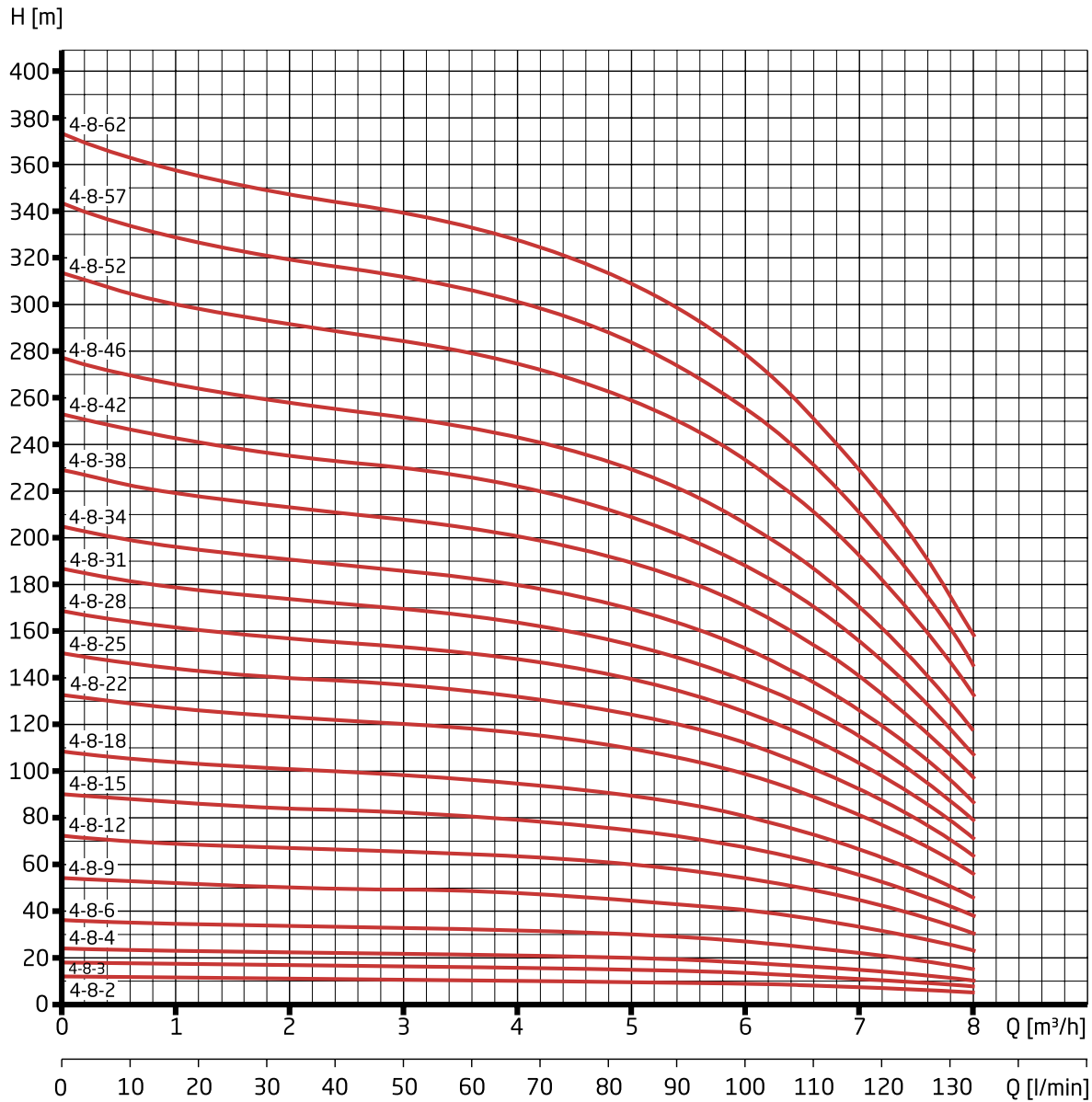
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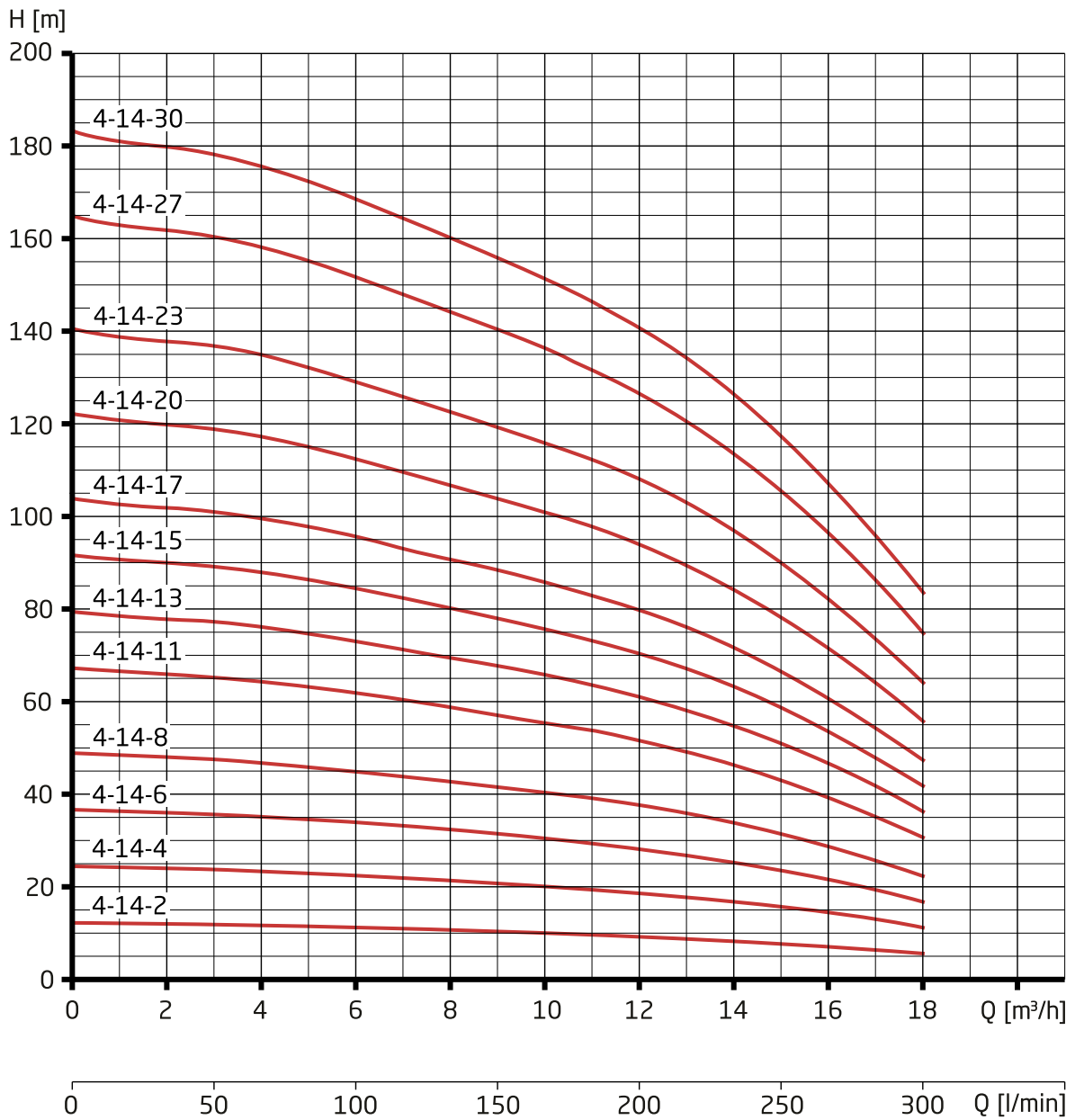
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SUPS 4



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SUPS 4



Technische Daten

Typ	Rohranschluss (Rp)	Leistungsabgabe P ₂ (kW)	Nennstrom (A) 3~ 400 V	Nennstrom (A) 1~ 230 V	Gewicht kg 3~ / 1~
SUPS 4-2-5	Rp 1½	0,25	0,68	2,40	8,80/9,80
SUPS 4-2-7	Rp 1½	0,37	1,10	3,30	9,80/11,40
SUPS 4-2-11	Rp 1½	0,55	1,60	4,30	11,90/12,70
SUPS 4-2-15	Rp 1½	0,75	2,00	5,70	14,20/16,20
SUPS 4-2-19	Rp 1½	1,10	2,80	8,40	16,80/18,70
SUPS 4-2-23	Rp 1½	1,10	2,80	8,40	18,10/20,00
SUPS 4-2-27	Rp 1½	1,50	3,90	10,70	20,50/22,80
SUPS 4-2-31	Rp 1½	1,50	3,90	10,70	21,80/24,10
SUPS 4-2-37	Rp 1½	2,20	5,50	14,70	25,30/30,90
SUPS 4-2-42	Rp 1½	2,20	5,50	14,70	27,00/32,60
SUPS 4-2-46	Rp 1½	2,20	5,50	14,70	28,30/33,90
SUPS 4-2-52	Rp 1½	3,00	7,50	-	32,80/-
SUPS 4-2-57	Rp 1½	3,00	7,50	-	34,50/-
SUPS 4-2-62	Rp 1½	3,00	7,50	-	36,20/-
SUPS 4-3-4	Rp 1½	0,25	0,68	2,40	8,70/9,70
SUPS 4-3-6	Rp 1½	0,37	1,10	3,30	9,40/11,00
SUPS 4-3-9	Rp 1½	0,55	1,60	4,30	11,20/13,20
SUPS 4-3-12	Rp 1½	0,75	2,00	5,70	13,10/15,10
SUPS 4-3-15	Rp 1½	1,10	2,80	8,40	15,40/17,30
SUPS 4-3-18	Rp 1½	1,10	2,80	8,40	16,30/18,20
SUPS 4-3-22	Rp 1½	1,50	3,90	10,70	18,70/21,00
SUPS 4-3-25	Rp 1½	1,50	3,90	10,70	19,70/22,00
SUPS 4-3-31	Rp 1½	2,20	5,50	14,70	23,10/28,70
SUPS 4-3-37	Rp 1½	2,20	5,50	14,70	25,10/30,70
SUPS 4-3-44	Rp 1½	3,00	7,50	-	29,90/-
SUPS 4-3-51	Rp 1½	3,00	7,50	-	32,20/-
SUPS 4-3-57	Rp 1½	3,70	9,00	-	39,70/-
SUPS 4-3-62	Rp 1½	3,70	9,00	-	41,30/-
SUPS 4-3-67	Rp 1½	4,00	9,90	-	44,20/-
SUPS 4-5-3	Rp 1½	0,25	0,68	2,40	8,40/9,40
SUPS 4-5-4	Rp 1½	0,37	1,10	3,30	8,70/10,30
SUPS 4-5-6	Rp 1½	0,55	1,60	4,30	10,20/12,20
SUPS 4-5-9	Rp 1½	0,75	2,00	5,70	12,10/14,10
SUPS 4-5-13	Rp 1½	1,10	2,80	8,40	14,70/16,60
SUPS 4-5-18	Rp 1½	1,50	3,90	10,70	17,30/19,60
SUPS 4-5-23	Rp 1½	2,20	5,50	14,70	20,50/26,10
SUPS 4-5-27	Rp 1½	2,20	5,50	14,70	21,80/27,40
SUPS 4-5-32	Rp 1½	3,00	7,50	-	26,00/-
SUPS 4-5-37	Rp 1½	3,00	7,50	-	27,60/-
SUPS 4-5-42	Rp 1½	3,70	9,00	-	34,70/-
SUPS 4-5-45	Rp 1½	3,70	9,00	-	35,70/-
SUPS 4-5-49	Rp 1½	4,00	9,90	-	37,90/-
SUPS 4-5-53	Rp 1½	5,50	12,60	-	45,90/-
SUPS 4-5-57	Rp 1½	5,50	12,60	-	47,20/-
SUPS 4-5-62	Rp 1½	5,50	12,60	-	48,80/-
SUPS 4-5-67	Rp 1½	5,50	12,60	-	50,50/-

SUPS 4



Technische Daten

Typ	Rohranschluss (Rp)	Leistungsabgabe P ₂ (kW)	Nennstrom (A) 3~ 400 V	Nennstrom (A) 1~ 230 V	Gewicht (kg) 3~ / 1~
SUPS 4-8-2	Rp 2	0,25	0,68	2,40	8,10/9,10
SUPS 4-8-3	Rp 2	0,37	1,10	3,30	8,50/10,10
SUPS 4-8-4	Rp 2	0,55	1,60	4,30	9,60/11,60
SUPS 4-8-6	Rp 2	0,75	2,00	5,70	11,20/13,20
SUPS 4-8-9	Rp 2	1,10	2,80	8,40	13,50/15,40
SUPS 4-8-12	Rp 2	1,50	3,90	10,70	15,60/17,90
SUPS 4-8-15	Rp 2	2,20	5,50	14,70	18,10/23,70
SUPS 4-8-18	Rp 2	2,20	5,50	14,70	19,10/24,70
SUPS 4-8-22	Rp 2	3,00	7,50	-	23,00/-
SUPS 4-8-25	Rp 2	3,00	7,50	-	24,10/-
SUPS 4-8-28	Rp 2	3,70	9,00	-	30,60/-
SUPS 4-8-31	Rp 2	3,70	9,00	-	31,60/-
SUPS 4-8-34	Rp 2	4,00	9,90	-	33,60/-
SUPS 4-8-38	Rp 2	5,50	12,60	-	41,50/-
SUPS 4-8-42	Rp 2	5,50	12,60	-	42,90/-
SUPS 4-8-46	Rp 2	5,50	12,60	-	44,30/-
SUPS 4-8-52	Rp 2	7,50	21,40	-	50,40/-
SUPS 4-8-57	Rp 2	7,50	21,40	-	52,10/-
SUPS 4-8-62	Rp 2	7,50	21,40	-	53,80/-
SUPS 4-14-2	Rp 2	0,55	1,60	-	13,10/-
SUPS 4-14-4	Rp 2	1,10	2,80	-	17,50/-
SUPS 4-14-6	Rp 2	1,50	3,90	-	20,50/-
SUPS 4-14-8	Rp 2	2,20	5,50	-	23,70/-
SUPS 4-14-11	Rp 2	3,00	7,50	-	28,90/-
SUPS 4-14-13	Rp 2	3,00	7,50	-	30,90/-
SUPS 4-14-15	Rp 2	3,70	9,00	-	36,80/-
SUPS 4-14-17	Rp 2	4,00	9,90	-	39,40/-
SUPS 4-14-20	Rp 2	5,50	12,60	-	49,10/-
SUPS 4-14-23	Rp 2	5,50	12,60	-	51,80/-
SUPS 4-14-27	Rp 2	7,50	17,10	-	59,70/-
SUPS 4-14-30	Rp 2	7,50	17,10	-	62,60/-

SUPS 4



Bestellinformationen

Typ	Drehstrom 3~ 400 V Artikel-Nr.	UVP netto	UVP brutto	Wechselstrom 1~ 230 V Artikel-Nr.	UVP netto	UVP brutto
SUPS 4-2-5	514.1402.057	680,67 €	810,00 €	514.1402.058	719,33 €	856,00 €
SUPS 4-2-7	514.1402.077	691,60 €	823,00 €	514.1402.078	730,25 €	869,00 €
SUPS 4-2-11	514.1402.117	788,24 €	938,00 €	514.1402.118	836,97 €	996,00 €
SUPS 4-2-15	514.1402.157	921,01 €	1.096,00 €	514.1402.158	975,63 €	1.161,00 €
SUPS 4-2-19	514.1402.197	1.031,09 €	1.227,00 €	514.1402.198	1.102,52 €	1.312,00 €
SUPS 4-2-23	514.1402.237	1.115,13 €	1.327,00 €	514.1402.238	1.185,71 €	1.411,00 €
SUPS 4-2-27	514.1402.277	1.247,06 €	1.484,00 €	514.1402.278	1.447,90 €	1.723,00 €
SUPS 4-2-31	514.1402.317	1.344,54 €	1.600,00 €	514.1402.318	1.542,02 €	1.835,00 €
SUPS 4-2-37	514.1402.377	1.762,18 €	2.097,00 €	514.1402.378	2.054,62 €	2.445,00 €
SUPS 4-2-42	514.1402.427	1.897,48 €	2.258,00 €	514.1402.428	2.192,44 €	2.609,00 €
SUPS 4-2-46	514.1402.467	2.019,33 €	2.403,00 €	514.1402.468	2.312,61 €	2.752,00 €
SUPS 4-2-52	514.1402.527	2.216,81 €	2.638,00 €	-	-	-
SUPS 4-2-57	514.1402.577	2.311,76 €	2.751,00 €	-	-	-
SUPS 4-2-62	514.1402.627	2.347,06 €	2.793,00 €	-	-	-
SUPS 4-3-4	514.1403.047	657,14 €	782,00 €	514.1403.048	696,64 €	829,00 €
SUPS 4-3-6	514.1403.067	667,23 €	794,00 €	514.1403.068	707,56 €	842,00 €
SUPS 4-3-9	514.1403.097	728,57 €	867,00 €	514.1403.098	778,15 €	926,00 €
SUPS 4-3-12	514.1403.127	800,00 €	952,00 €	514.1403.128	853,78 €	1.016,00 €
SUPS 4-3-15	514.1403.157	882,35 €	1.050,00 €	514.1403.158	952,94 €	1.134,00 €
SUPS 4-3-18	514.1403.187	981,51 €	1.168,00 €	514.1403.188	1.052,94 €	1.253,00 €
SUPS 4-3-22	514.1403.227	1.168,07 €	1.390,00 €	514.1403.228	1.365,55 €	1.625,00 €
SUPS 4-3-25	514.1403.257	1.228,57 €	1.462,00 €	514.1403.258	1.426,05 €	1.697,00 €
SUPS 4-3-31	514.1403.317	1.399,16 €	1.665,00 €	514.1403.318	1.692,44 €	2.014,00 €
SUPS 4-3-37	514.1403.377	1.532,77 €	1.824,00 €	514.1403.378	1.826,89 €	2.174,00 €
SUPS 4-3-44	514.1403.447	2.001,68 €	2.382,00 €	-	-	-
SUPS 4-3-51	514.1403.517	2.159,66 €	2.570,00 €	-	-	-
SUPS 4-3-57	514.1403.577	2.384,03 €	2.837,00 €	-	-	-
SUPS 4-3-62	514.1403.627	2.484,03 €	2.956,00 €	-	-	-
SUPS 4-3-67	514.1403.677	2.615,97 €	3.113,00 €	-	-	-
SUPS 4-5-3	514.1405.037	647,06 €	770,00 €	514.1405.038	685,71 €	816,00 €
SUPS 4-5-4	514.1405.047	657,14 €	782,00 €	514.1405.048	695,80 €	828,00 €
SUPS 4-5-6	514.1405.067	721,85 €	859,00 €	514.1405.068	771,43 €	918,00 €
SUPS 4-5-9	514.1405.097	756,30 €	900,00 €	514.1405.098	810,92 €	965,00 €
SUPS 4-5-13	514.1405.137	894,12 €	1.064,00 €	514.1405.138	965,55 €	1.149,00 €
SUPS 4-5-18	514.1405.187	1.075,63 €	1.280,00 €	514.1405.188	1.282,35 €	1.526,00 €
SUPS 4-5-23	514.1405.237	1.285,71 €	1.530,00 €	514.1405.238	1.578,15 €	1.878,00 €
SUPS 4-5-27	514.1405.277	1.434,45 €	1.707,00 €	514.1405.278	1.728,57 €	2.057,00 €
SUPS 4-5-32	514.1405.327	1.657,14 €	1.972,00 €	-	-	-
SUPS 4-5-37	514.1405.377	1.757,14 €	2.091,00 €	-	-	-
SUPS 4-5-42	514.1405.427	2.410,92 €	2.869,00 €	-	-	-
SUPS 4-5-45	514.1405.457	2.530,25 €	3.011,00 €	-	-	-
SUPS 4-5-49	514.1405.497	2.673,95 €	3.182,00 €	-	-	-
SUPS 4-5-53	514.1405.537	2.921,01 €	3.476,00 €	-	-	-
SUPS 4-5-57	514.1405.577	2.984,87 €	3.552,00 €	-	-	-
SUPS 4-5-62	514.1405.627	3.047,06 €	3.626,00 €	-	-	-
SUPS 4-5-67	514.1405.677	3.101,68 €	3.691,00 €	-	-	-

SUPS 4

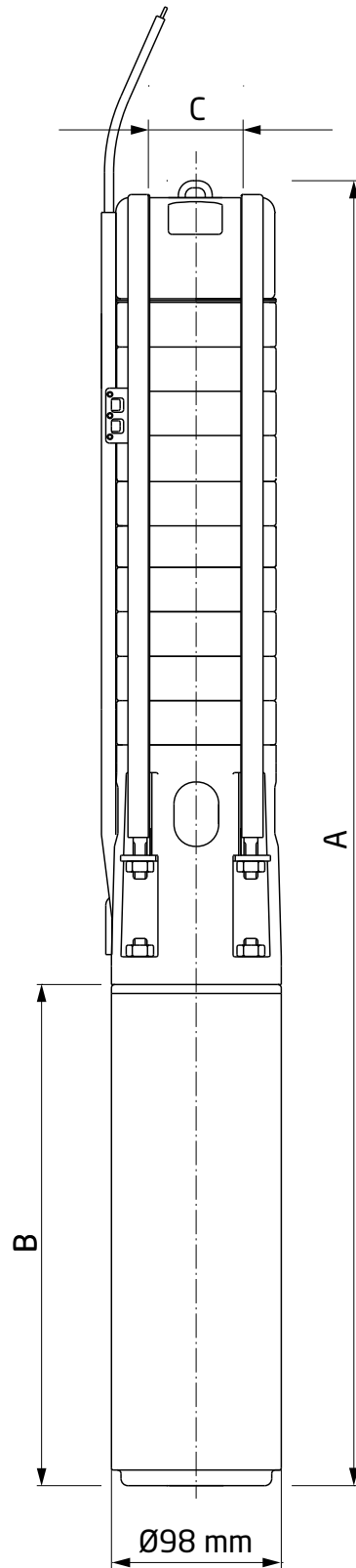


Typ	Drehstrom 3~ 400 V Artikel-Nr.	UVP netto	UVP brutto	Wechselstrom 1~ 230 V Artikel-Nr.	UVP netto	UVP brutto
SUPS 4-8-2	514.1408.027	633,61 €	754,00 €	514.1408.028	673,11 €	801,00 €
SUPS 4-8-3	514.1408.037	643,70 €	766,00 €	514.1408.038	684,03 €	814,00 €
SUPS 4-8-4	514.1408.047	668,91 €	796,00 €	514.1408.048	718,49 €	855,00 €
SUPS 4-8-6	514.1408.067	725,21 €	863,00 €	514.1408.068	779,83 €	928,00 €
SUPS 4-8-9	514.1408.097	821,85 €	978,00 €	514.1408.098	894,12 €	1.064,00 €
SUPS 4-8-12	514.1408.127	948,74 €	1.129,00 €	514.1408.128	1.189,92 €	1.416,00 €
SUPS 4-8-15	514.1408.157	1.198,32 €	1.426,00 €	514.1408.158	1.500,84 €	1.786,00 €
SUPS 4-8-18	514.1408.187	1.266,39 €	1.507,00 €	514.1408.188	1.570,59 €	1.869,00 €
SUPS 4-8-22	514.1408.227	1.525,21 €	1.815,00 €	-	-	-
SUPS 4-8-25	514.1408.257	1.596,64 €	1.900,00 €	-	-	-
SUPS 4-8-28	514.1408.287	1.797,48 €	2.139,00 €	-	-	-
SUPS 4-8-31	514.1408.317	1.869,75 €	2.225,00 €	-	-	-
SUPS 4-8-34	514.1408.347	1.965,55 €	2.339,00 €	-	-	-
SUPS 4-8-38	514.1408.387	2.372,27 €	2.823,00 €	-	-	-
SUPS 4-8-42	514.1408.427	2.859,66 €	3.403,00 €	-	-	-
SUPS 4-8-46	514.1408.467	2.997,48 €	3.567,00 €	-	-	-
SUPS 4-8-52	514.1408.527	3.357,98 €	3.996,00 €	-	-	-
SUPS 4-8-57	514.1408.577	3.496,64 €	4.161,00 €	-	-	-
SUPS 4-8-62	514.1408.627	3.639,50 €	4.331,00 €	-	-	-
SUPS 4-14-2	514.1414.027	825,21 €	982,00 €	-	-	-
SUPS 4-14-4	514.1414.047	1.009,24 €	1.201,00 €	-	-	-
SUPS 4-14-6	514.1414.067	1.184,03 €	1.409,00 €	-	-	-
SUPS 4-14-8	514.1414.087	1.389,08 €	1.653,00 €	-	-	-
SUPS 4-14-11	514.1414.117	1.801,68 €	2.144,00 €	-	-	-
SUPS 4-14-13	514.1414.137	1.948,74 €	2.319,00 €	-	-	-
SUPS 4-14-15	514.1414.157	2.201,68 €	2.620,00 €	-	-	-
SUPS 4-14-17	514.1414.177	2.420,17 €	2.880,00 €	-	-	-
SUPS 4-14-20	514.1414.207	2.746,22 €	3.268,00 €	-	-	-
SUPS 4-14-23	514.1414.237	2.965,55 €	3.529,00 €	-	-	-
SUPS 4-14-27	514.1414.277	3.472,27 €	4.132,00 €	-	-	-
SUPS 4-14-30	514.1414.307	3.697,48 €	4.400,00 €	-	-	-

SUPS 4



Abmessungen



SUPS 4



Abmessungen

Typ	A 3~1~	B 3~1~	C	Typ	A 3~1~	B 3~1~	C
SUPS 4-2-5	538/538	237/237	Rp 1½	SUPS 4-8-2	489/489	237/237	Rp 2
SUPS 4-2-7	610/624	237/251	Rp 1½	SUPS 4-8-3	513/527	237/251	Rp 2
SUPS 4-2-11	721/746	251/276	Rp 1½	SUPS 4-8-4	551/576	251/276	Rp 2
SUPS 4-2-15	837/863	271/297	Rp 1½	SUPS 4-8-6	620/646	271/297	Rp 2
SUPS 4-2-19	960/984	297/321	Rp 1½	SUPS 4-8-9	718/742	297/321	Rp 2
SUPS 4-2-23	1056/1080	297/321	Rp 1½	SUPS 4-8-12	814/846	321/353	Rp 2
SUPS 4-2-27	1177/1209	321/353	Rp 1½	SUPS 4-8-15	919/1017	353/451	Rp 2
SUPS 4-2-31	1273/1305	321/353	Rp 1½	SUPS 4-8-18	991/1089	353/451	Rp 2
SUPS 4-2-37	1450/1548	353/451	Rp 1½	SUPS 4-8-22	1143/-	408/-	Rp 2
SUPS 4-2-42	1570/1668	353/451	Rp 1½	SUPS 4-8-25	1215/-	408/-	Rp 2
SUPS 4-2-46	1667/1765	353/451	Rp 1½	SUPS 4-8-28	1399/-	520/-	Rp 2
SUPS 4-2-52	1867/-	408/-	Rp 1½	SUPS 4-8-31	1472/-	520/-	Rp 2
SUPS 4-2-57	1987/-	408/-	Rp 1½	SUPS 4-8-34	1567/-	543/-	Rp 2
SUPS 4-2-62	2108/-	408/-	Rp 1½	SUPS 4-8-38	1774/-	652/-	Rp 2
SUPS 4-3-4	537/537	237/237	Rp 1½	SUPS 4-8-42	1870/-	652/-	Rp 2
SUPS 4-3-6	568/600	237/251	Rp 1½	SUPS 4-8-46	1967/-	652/-	Rp 2
SUPS 4-3-9	672/697	251/276	Rp 1½	SUPS 4-8-52	2189/-	730/-	Rp 2
SUPS 4-3-12	764/790	271/297	Rp 1½	SUPS 4-8-57	2340/-	730/-	Rp 2
SUPS 4-3-15	863/887	297/321	Rp 1½	SUPS 4-8-62	2340/-	730/-	Rp 2
SUPS 4-3-18	935/959	297/321	Rp 1½	SUPS 4-14-2	567/-	226/-	Rp 2
SUPS 4-3-22	1056/1088	321/353	Rp 1½	SUPS 4-14-4	773/-	282/-	Rp 2
SUPS 4-3-25	112/1160	321/353	Rp 1½	SUPS 4-14-6	948/-	307/-	Rp 2
SUPS 4-3-31	1305/1403	353/451	Rp 1½	SUPS 4-14-8	1130/-	339/-	Rp 2
SUPS 4-3-37	1449/1547	353/451	Rp 1½	SUPS 4-14-11	1410/-	394/-	Rp 2
SUPS 4-3-44	1673/-	408/-	Rp 1½	SUPS 4-14-13	1560/-	394/-	Rp 2
SUPS 4-3-51	1842/-	408/-	Rp 1½	SUPS 4-14-15	1836/-	520/-	Rp 2
SUPS 4-3-57	2099/-	520/-	Rp 1½	SUPS 4-14-17	2009/-	543/-	Rp 2
SUPS 4-3-62	2219/-	520/-	Rp 1½	SUPS 4-14-20	2344/-	653/-	Rp 2
SUPS 4-3-67	2363/-	543/-	Rp 1½	SUPS 4-14-23	2569/-	653/-	Rp 2
SUPS 4-5-3	513/513	237/237	Rp 1½	SUPS 4-14-27	2947/-	731/-	Rp 2
SUPS 4-5-4	537/551	237/251	Rp 1½	SUPS 4-14-30	3172/-	731/-	Rp 2
SUPS 4-5-6	600/625	251/276	Rp 1½				
SUPS 4-5-9	692/718	271/297	Rp 1½				
SUPS 4-5-13	815/839	297/321	Rp 1½				
SUPS 4-5-18	959/991	321/353	Rp 1½				
SUPS 4-5-23	1112/1210	353/451	Rp 1½				
SUPS 4-5-27	1208/1306	353/451	Rp 1½				
SUPS 4-5-32	1384/-	408/-	Rp 1½				
SUPS 4-5-37	1504/-	408/-	Rp 1½				
SUPS 4-5-42	1737/-	520/-	Rp 1½				
SUPS 4-5-45	1809/-	520/-	Rp 1½				
SUPS 4-5-49	1929/-	543/-	Rp 1½				
SUPS 4-5-53	2135/-	652/-	Rp 1½				
SUPS 4-5-57	2232/-	652/-	Rp 1½				
SUPS 4-5-62	2352/-	652/-	Rp 1½				
SUPS 4-5-67	2473/-	652/-	Rp 1½				