

**THE SOLAR WATER
PUMPING EXPERT**



GRUNTEK

Solar Water Pumping System

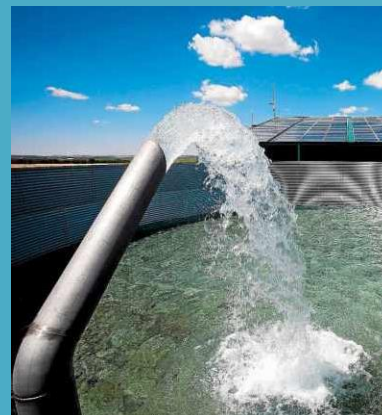


GRUNTEK

ABOUT GRUNTEK



3HR Solar Helical Rotor Pump	02
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4SCH Solar Hybrid AC/DC Pump	05-06
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WATER SUPPLY



ANIMAL BREEDING



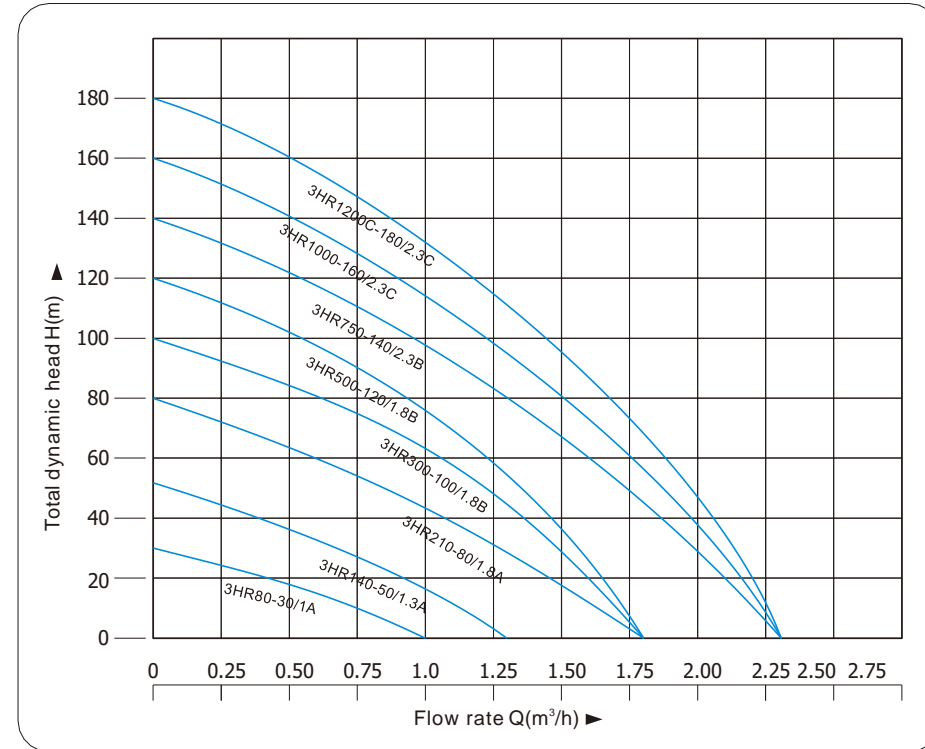
IRRIGATION



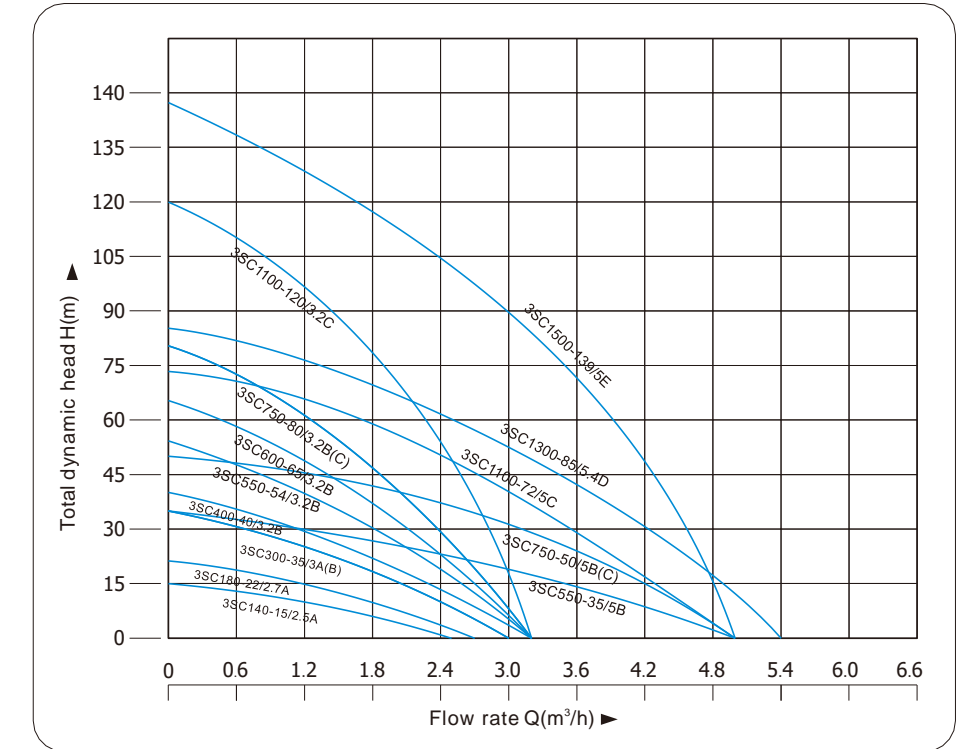
LIVING WATER



Performance Curve



Performance Curve



Technical Data

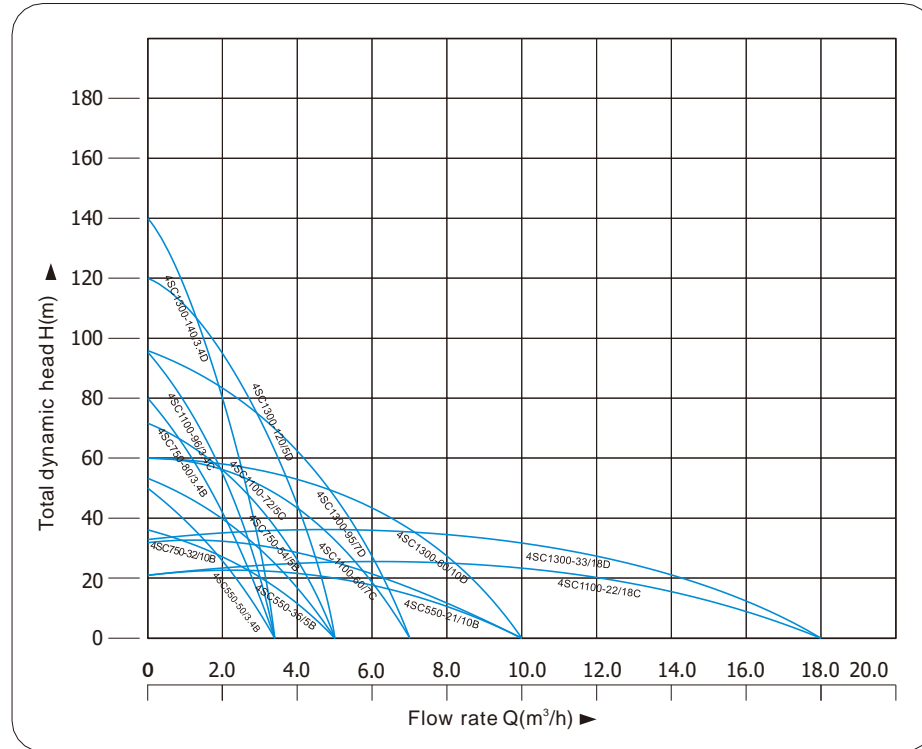
Model	Volatge (V)	Power (W)	Vmp (V)	Max.Flow (m³/h)	Max.Head (m)	Outlet (Inch)
3HR80-30/1A	DC24	80	21-50	1.0	30	0.75"
3HR140-50/1.3A	DC24	140	21-50	1.3	50	0.75"
3HR210-80/1.8A	DC24	210	21-50	1.8	80	0.75"
3HR300-100/1.8B	DC48	300	42-100	1.8	100	0.75"
3HR500-120/1.8B	DC48	500	42-100	1.8	120	0.75"
3HR750-140/2.3B	DC48	750	42-100	2.3	140	0.75"
3HR1000-160/2.3C	DC72	1000	63-150	2.3	160	0.75"
3HR1200C-180/2.3C	DC72	1200	63-150	2.3	180	0.75"

Technical Data

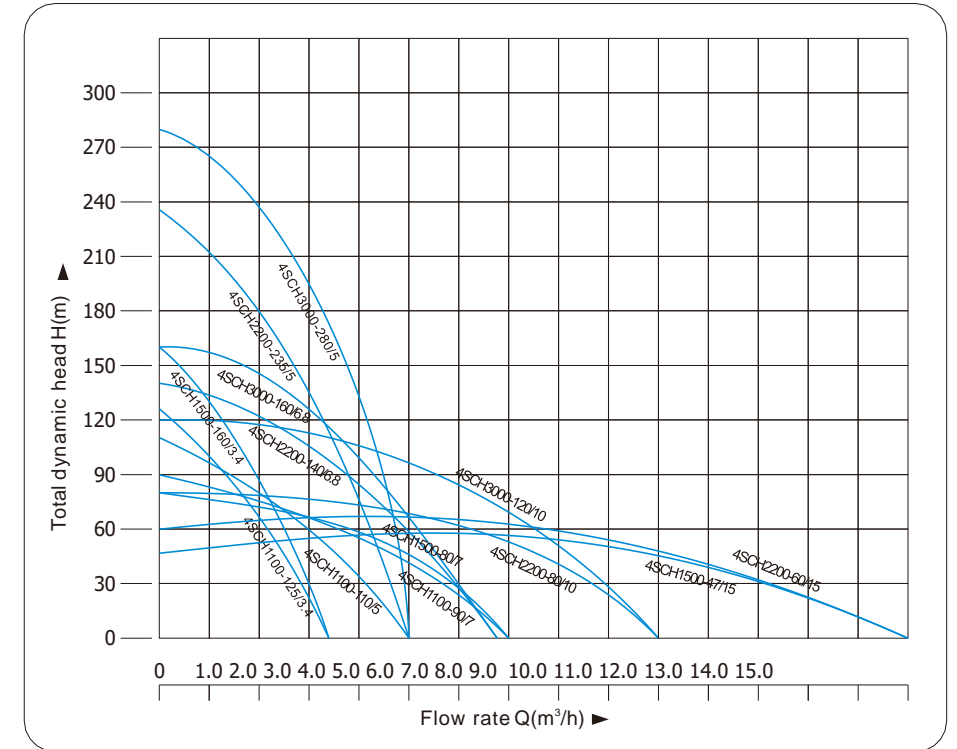
Model	Volatge (V)	Power (W)	Vmp (V)	Max.Flow (m³/h)	Max.Head (m)	Outlet (Inch)
3SC140-15/2.5A	DC24	140	21-50	2.5	15	1"
3SC180-22/2.7A	DC24	180	21-50	2.7	22	1"
3SC300-35/3A	DC24	300	21-50	3	35	1"
3SC300-35/3B	DC48	300	42-100	3	35	1"
3SC400-40/3.2B	DC48	400	42-100	3.2	40	1"
3SC550-54/3.2B	DC48	550	42-100	3.2	54	1"
3SC550-35/5B	DC48	550	42-100	5	35	1"
3SC600-65/3.2B	DC48	600	42-100	3.2	65	1"
3SC750-80/3.2B	DC48	750	42-100	3.2	80	1"
3SC750-50/5B	DC48	750	42-100	5	50	1"
3SC750-80/3.2C	DC72	750	63-150	3.2	80	1"
3SC750-50/5C	DC72	750	63-150	5	50	1"
3SC1100-120/3.2C	DC72	1100	63-150	3.2	120	1"
3SC1100-72/5C	DC72	1100	63-150	5	72	1"
3SC1300-85/5.4D	DC96	1300	84-200	5.4	85	1"
3SC1500-139/5E	DC110	1500	84-200	5	139	1"



Performance Curve



Performance Curve



Technical Data

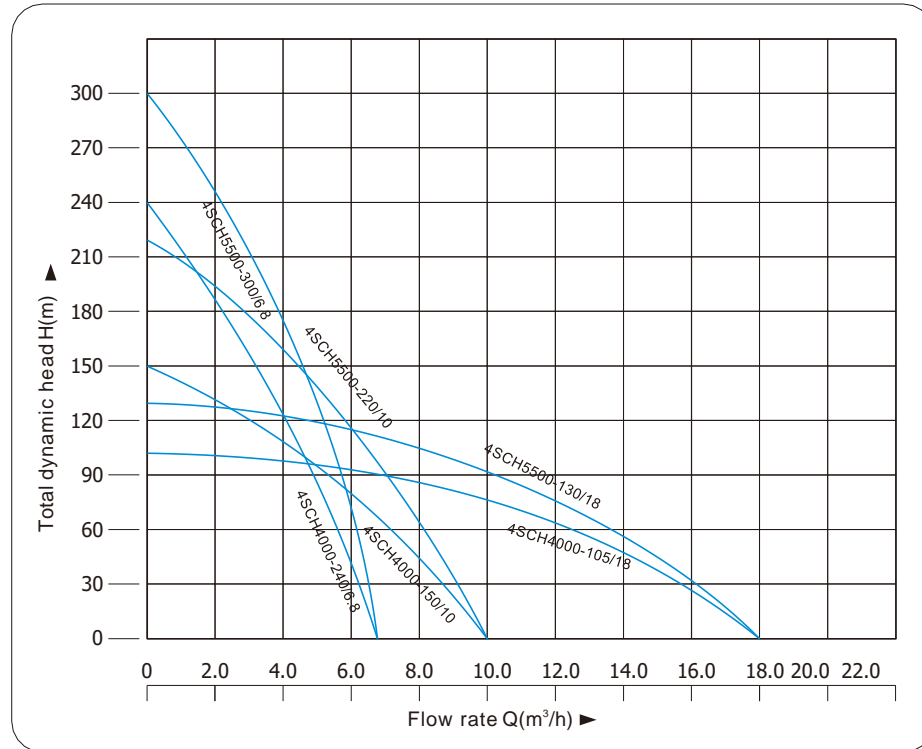
Model	Volatge (V)	Power (W)	Vmp (V)	Max.Flow (m³/h)	Max.Head (m)	Outlet (Inch)
4SC550-50/3.4B	DC48	550	42-100	3.4	50	1.25"
4SC550-36/5B	DC48	550	42-100	5	36	1.25"
4SC550-21/10B	DC48	550	42-100	10	21	1.5"
4SC750-80/3.4B	DC48	750	42-100	3.4	80	1.25"
4SC750-54/5B	DC48	750	42-100	5	54	1.25"
4SC750-32/10B	DC48	750	42-100	10	32	1.5"
4SC1100-96/3.4C	DC72	1100	63-150	3.4	96	1.25"
4SC1100-72/5C	DC72	1100	63-150	5	72	1.25"
4SC1100-60/7C	DC72	1100	63-150	7	60	1.25"
4SC1100-22/18C	DC72	1100	63-150	18	22	2"
4SC1300-140/3.4D	DC96	1300	84-200	3.4	140	1.25"
4SC1300-120/5D	DC96	1300	84-200	5	120	1.25"
4SC1300-95/7D	DC96	1300	84-200	7	95	1.25"
4SC1300-60/10D	DC96	1300	84-200	10	60	1.5"
4SC1300-33/18D	DC96	1300	84-200	18	33	2"

Technical Data

Model	Power (W)	AC Voltage (V)	DC Voltage (V)	Vmp (V)	Rated Flow (m³/h)	Max.Flow (m³/h)	Rated Head (m)	Max.Head (m)	Outlet (Inch)
4SCH1100-125/3.4	1100	220	311	360-430	2	3.4	80	125	1.25"
4SCH1100-110/5	1100	220	311	360-430	3	5	65	110	1.25"
4SCH1100-90/7	1100	220	311	360-430	4	7	55	90	1.25"
4SCH1500-160/3.4	1500	220	311	360-430	2	3.4	115	160	1.25"
4SCH1500-80/7	1500	220	311	360-430	4	7	70	80	1.25"
4SCH1500-47/15	1500	220	540	620-750	8	15	30	47	2"
4SCH2200-235/5	2200	380	540	620-750	3	5	150	235	1.25"
4SCH2200-140/6.8	2200	380	540	620-750	4	6.8	100	140	1.25"
4SCH2200-80/10	2200	380	540	620-750	7	10	60	80	1.5"
4SCH2200-60/15	2200	220	311	620-750	8	15	40	60	2"
4SCH3000-280/5	3000	380	540	620-750	3	5	180	280	1.25"
4SCH3000-160/6.8	3000	380	540	620-750	4	6.8	140	160	1.25"
4SCH3000-120/10	3000	380	540	620-750	7	10	80	120	1.5"



Performance Curve

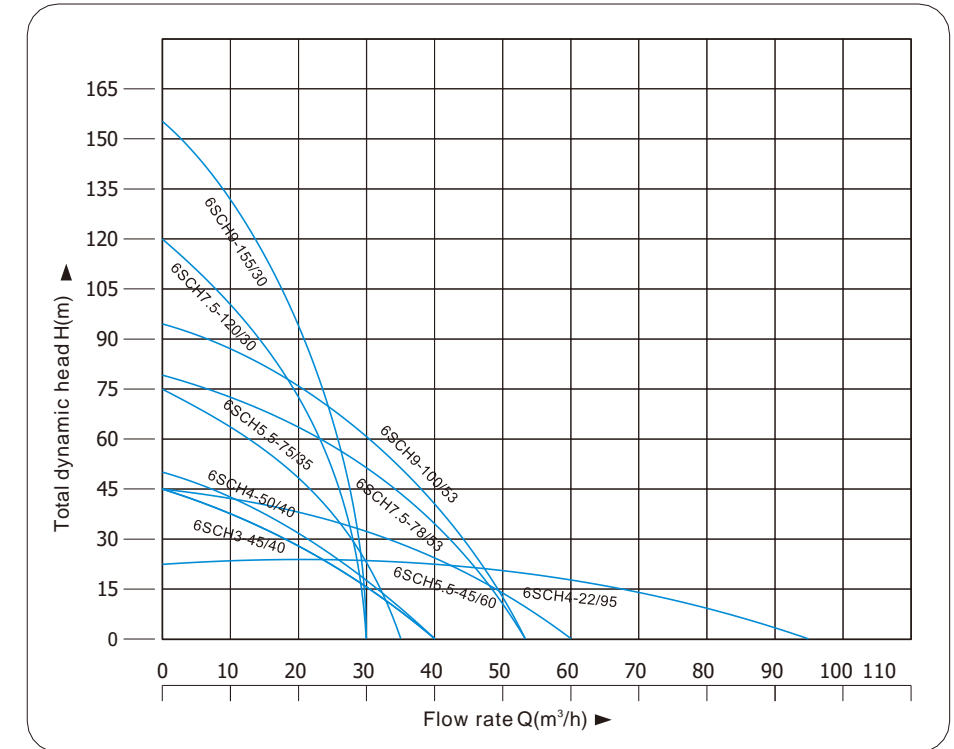


Technical Data

Model	Power (W)	AC Voltage (V)	DC Voltage (V)	Vmp (V)	Rated Flow (m³/h)	Max.Flow (m³/h)	Rated Head (m)	Max.Head (m)	Outlet (Inch)
4SCH4000-240/6.8	4000	380	540	620-750	4	6.8	180	240	1.25"
4SCH4000-150/10	4000	380	540	620-750	7	10	115	150	1.5"
4SCH4000-105/18	4000	380	540	620-750	10	18	75	105	2"
4SCH5500-300/6.8	5500	380	540	620-750	4	6.8	240	300	1.25"
4SCH5500-220/10	5500	380	540	620-750	7	10	150	220	1.5"
4SCH5500-130/18	5500	380	540	620-750	10	18	100	130	2"



Performance Curve

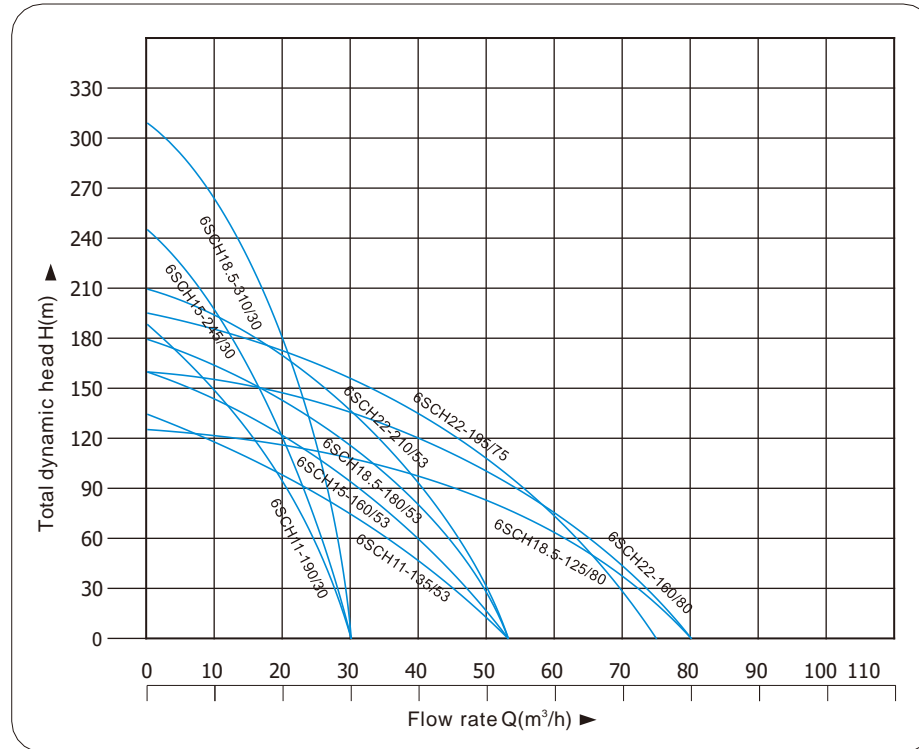


Technical Data

Model	Power (KW)	AC Voltage (V)	DC Voltage (V)	Vmp (V)	Rated Flow (m³/h)	Max.Flow (m³/h)	Rated Head (m)	Max.Head (m)	Outlet (Inch)
6SCH3-45/40	3	380	540	620 - 750	25	40	30	45	3"
6SCH4-50/40	4	380	540	620 - 750	25	40	40	50	3"
6SCH4-22/95	4	380	540	620 - 750	80	95	15	22	3"
6SCH5.5-75/35	5.5	380	540	620 - 750	25	35	50	75	3"
6SCH5.5-45/60	5.5	380	540	620 - 750	45	60	30	45	3"
6SCH7.5-120/30	7.5	380	540	620 - 750	18	30	90	120	3"
6SCH7.5-78/53	7.5	380	540	620 - 750	30	53	60	78	3"
6SCH9-155/30	9	380	540	620 - 750	18	30	115	155	3"
6SCH9-100/53	9	380	540	620 - 750	30	53	80	100	3"



Performance Curve

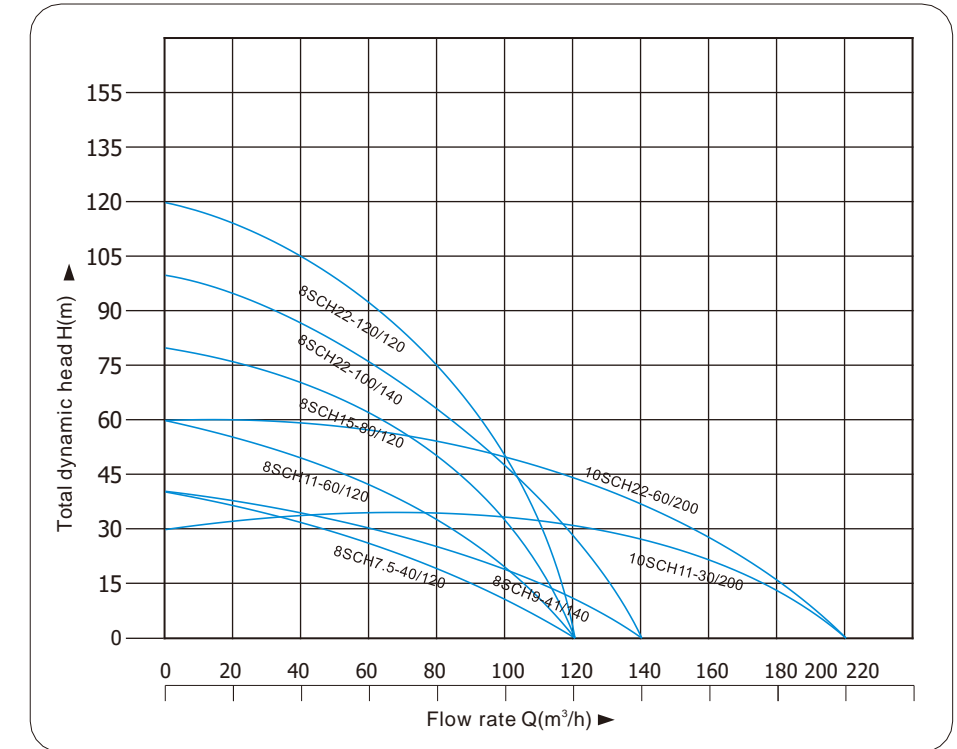


Technical Data

Model	Power (KW)	AC Voltage (V)	DC Voltage (V)	Vmp (V)	Rated Flow (m³/h)	Max.Flow (m³/h)	Rated Head (m)	Max.Head (m)	Outlet (Inch)
6SCH11-190/30	11	380	540	620 - 750	18	30	140	190	3"
6SCH11-135/53	11	380	540	620 - 750	30	53	100	135	3"
6SCH15-245/30	15	380	540	620 - 750	18	30	190	245	3"
6SCH15-160/53	15	380	540	620 - 750	30	53	120	160	3"
6SCH18.5-310/30	18.5	380	540	620 - 750	18	30	240	310	3"
6SCH18.5-180/53	18.5	380	540	620 - 750	30	53	135	180	3"
6SCH18.5-125/80	18.5	380	540	620 - 750	60	80	72	125	3"
6SCH22-210/53	22	380	540	620 - 750	30	53	170	210	3"
6SCH22-195/75	22	380	540	620 - 750	45	75	132	195	3"
6SCH22-160/80	22	380	540	620 - 750	60	80	95	160	3"



Performance Curve

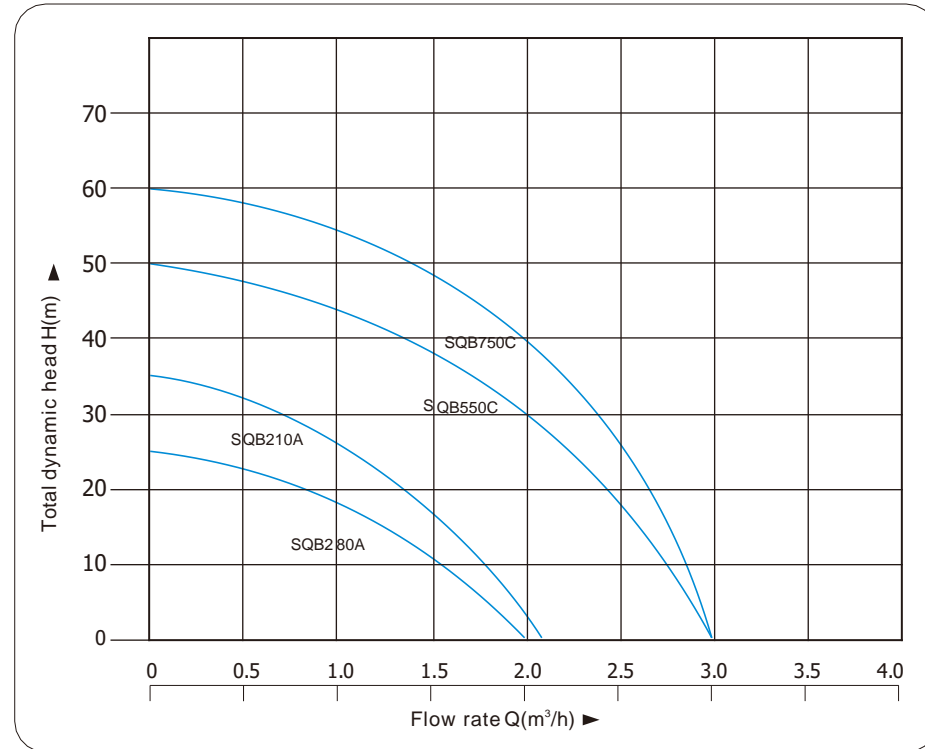


Technical Data

Model	Power (KW)	AC Voltage (V)	DC Voltage (V)	Vmp (V)	Rated Flow (m³/h)	Max.Flow (m³/h)	Rated Head (m)	Max.Head (m)	Outlet (Inch)
8SCH7.5-40/120	7.5	380	540	620 - 750	80	120	26	40	5"
8SCH9-41/140	9	380	540	620 - 750	95	140	23	41	5"
8SCH11-60/120	11	380	540	620 - 750	80	120	39	60	5"
8SCH15-80/120	15	380	540	620 - 750	80	120	52	80	5"
8SCH22-120/120	22	380	540	620 - 750	80	120	78	120	5"
8SCH22-100/140	22	380	540	620 - 750	95	140	58	100	5"
10SCH11-30/200	11	380	540	620 - 750	125	200	20	30	6"
10SCH22-60/200	22	380	540	620 - 750	125	200	40	60	6"



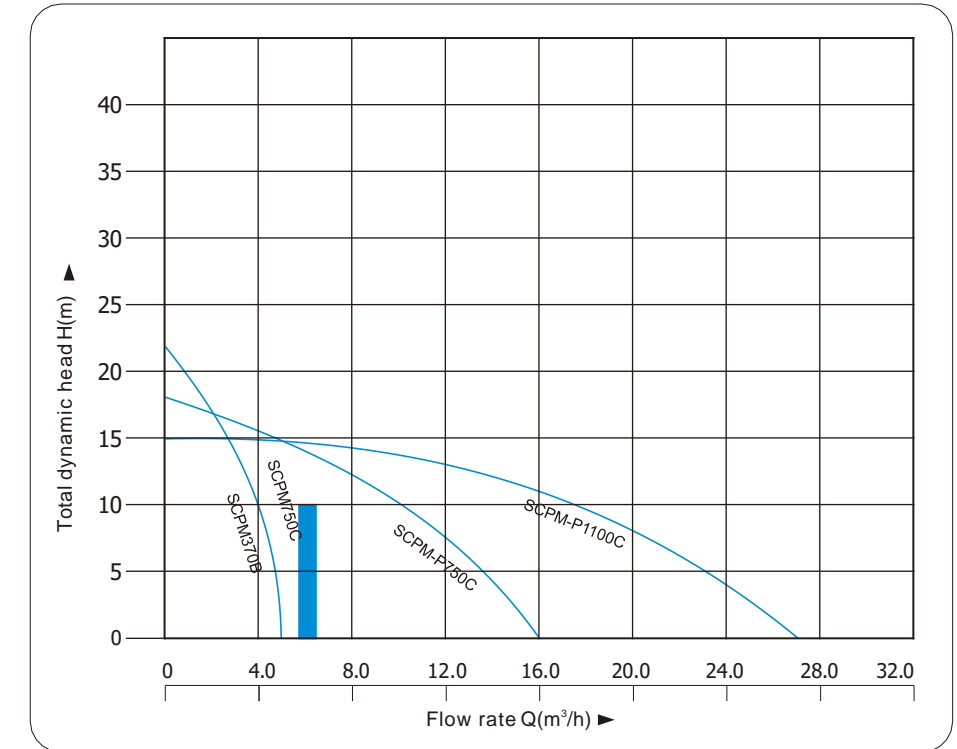
Performance Curve



Technical Data

Model	Volatge (V)	Power (W)	Vmp (V)	Max.Flow (m³/h)	Max.Head (m)	Outlet /Inlet (Inch)
SQB210A	DC24	210	21-50	2	25	1"×1"
SQB280A	DC24	280	21-50	2.2	35	1"×1"
SQB550C	DC72	550	63-150	3	50	1"×1"
SQB750C	DC72	750	63-150	3	60	1"×1"

Performance Curve

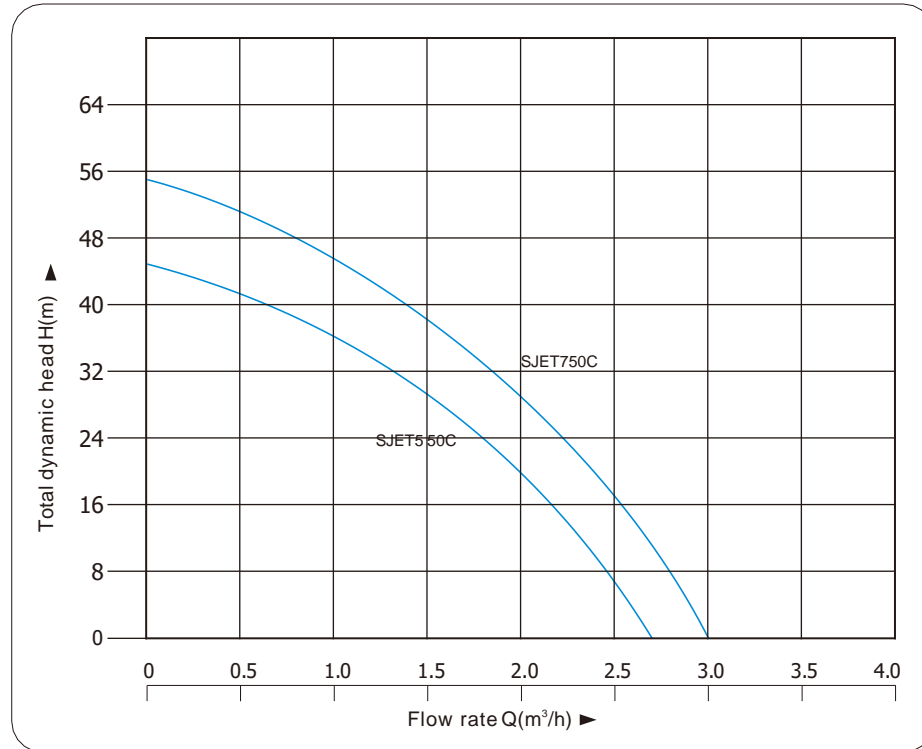


Technical Data

Model	Volatge (V)	Power (W)	Vmp (V)	Max.Flow (m³/h)	Max.Head (m)	Outlet /Inlet (Inch)
SCPM370B	DC48	370	42-100	4.8	22	1"×1"
SCPM750C	DC72	750	63-150	6.6	35	1.25"×1"
SCPM-P750C	DC72	750	63-150	16	18	1.5"×1.5"
SCPM-P1100C	DC72	1100	63-150	27	15	2"×2"



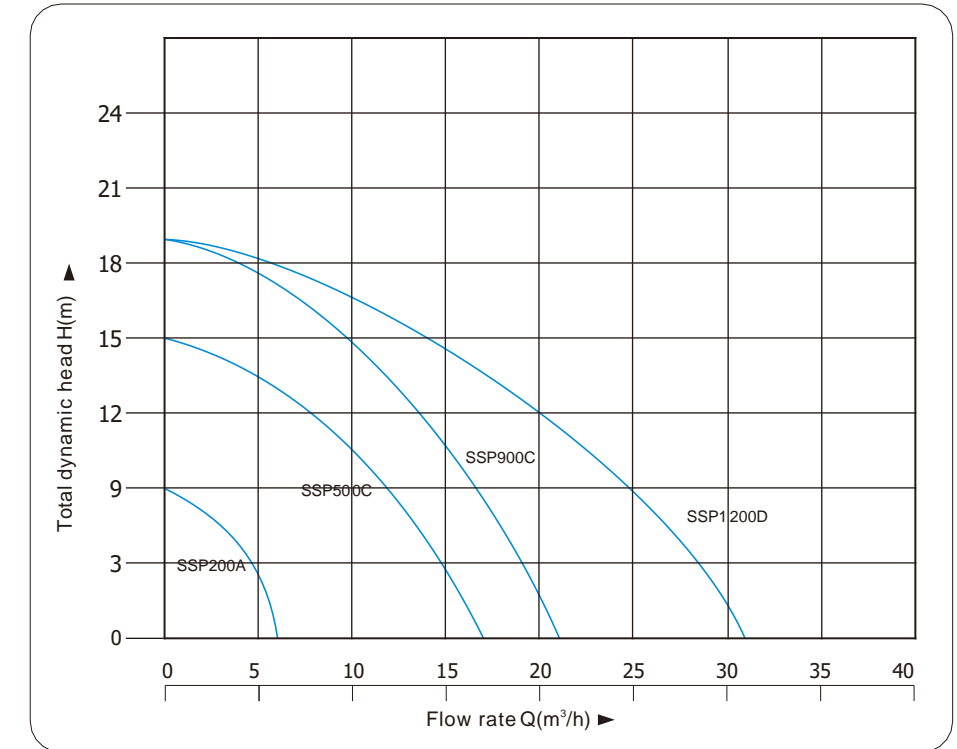
Performance Curve



Technical Data

Model	Volatge (V)	Power (W)	Vmp (V)	Max.Flow (m³/h)	Max.Head (m)	Outlet /Inlet (Inch)
SJET550C	DC72	550	63-150	2.7	45	1"×1"
SJET750C	DC72	750	63-150	3	55	1"×1"

Performance Curve

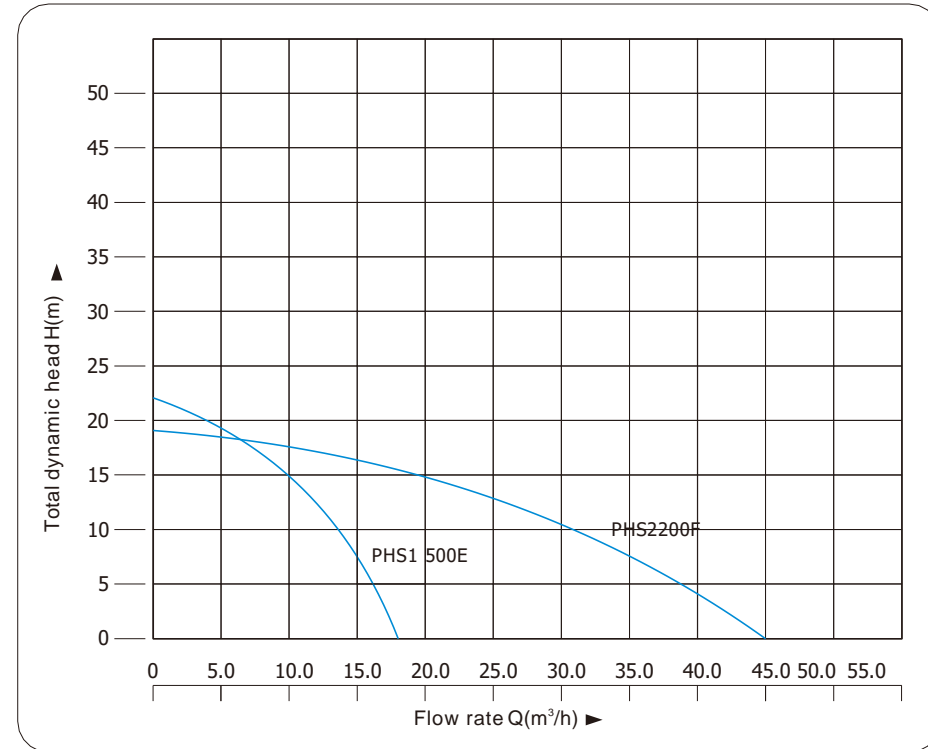


Technical Data

Model	Volatge (V)	Power (W)	Vmp (V)	Max.Flow (m³/h)	Max.Head (m)	Outlet /Inlet (Inch)
SSP200A	DC24	200	21-50	6	9	1.25"×1.25"
SSP500C	DC72	550	63-150	17	15	2"×2"
SSP900C	DC72	900	63-150	21	19	2"×2"
SSP1200D	DC96	1200	84-200	31	19	3"×3"



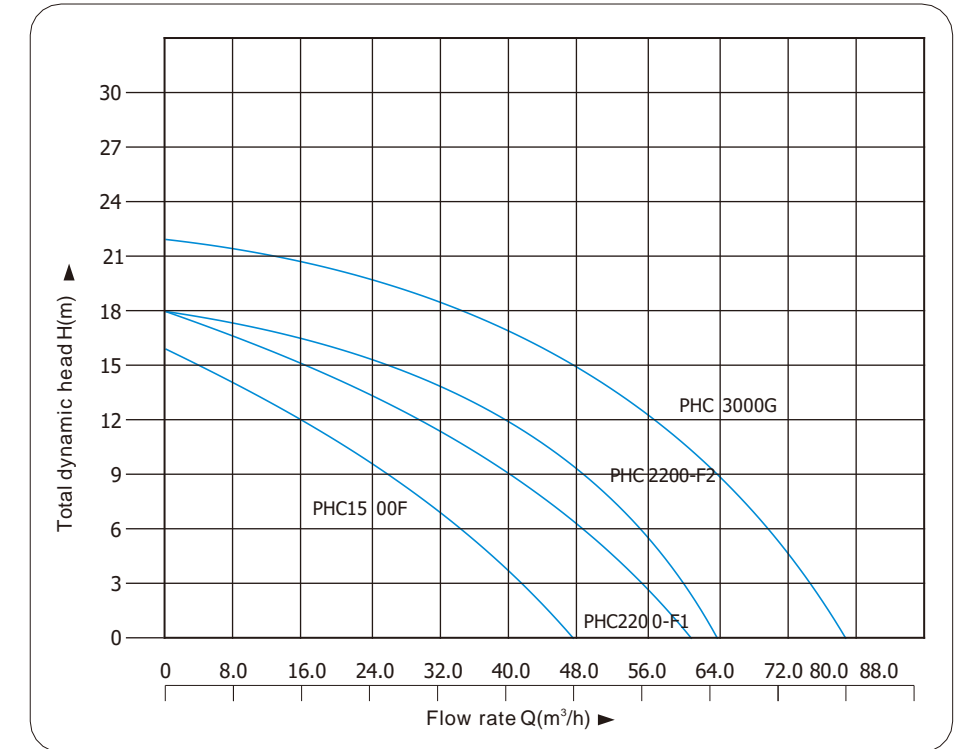
Performance Curve



Technical Data

Model	Power (W)	AC Voltage (V)	DC Voltage (V)	Vmp (V)	Max.Flow (m³/h)	Max.Head (m)	Outlet (Inch)
PHS1500E	1500	110	155	175-380	18	22	2"×2"
PHS2200F	2200	220	311	360-430	45	19	3"×3"

Performance Curve

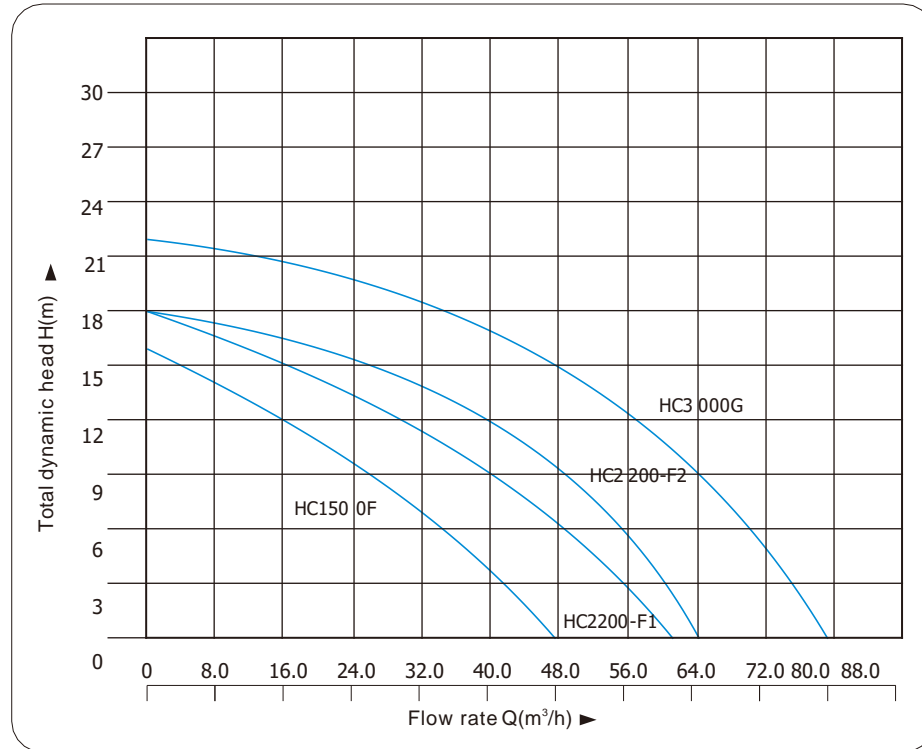


Technical Data

Model	Power (W)	AC Voltage (V)	DC Voltage (V)	Vmp (V)	Max.Flow (m³/h)	Max.Head (m)	Outlet (Inch)
PHC1500F	1500	110	155	175-380	48	16	3"×3"
PHC2200-F1	2200	220	311	360-430	62	18	3"×3"
PHC2200-F2	2200	220	311	360-430	65	18	4"×4"
PHC3000G	3000	380	540	620-750	80	22	4"×4"



Performance Curve



Technical Data

Model	Power (W)	AC Voltage (V)	DC Voltage (V)	Vmp (V)	Max.Flow (m³/h)	Max.Head (m)	Outlet (Inch)
HC1500F	1500	110	155	175-380	48	16	3"×3"
HC2200-F1	2200	220	311	360-430	62	18	3"×3"
HC2200-F2	2200	220	311	360-430	65	18	4"×4"
HC3000G	3000	380	540	620-750	80	22	4"×4"