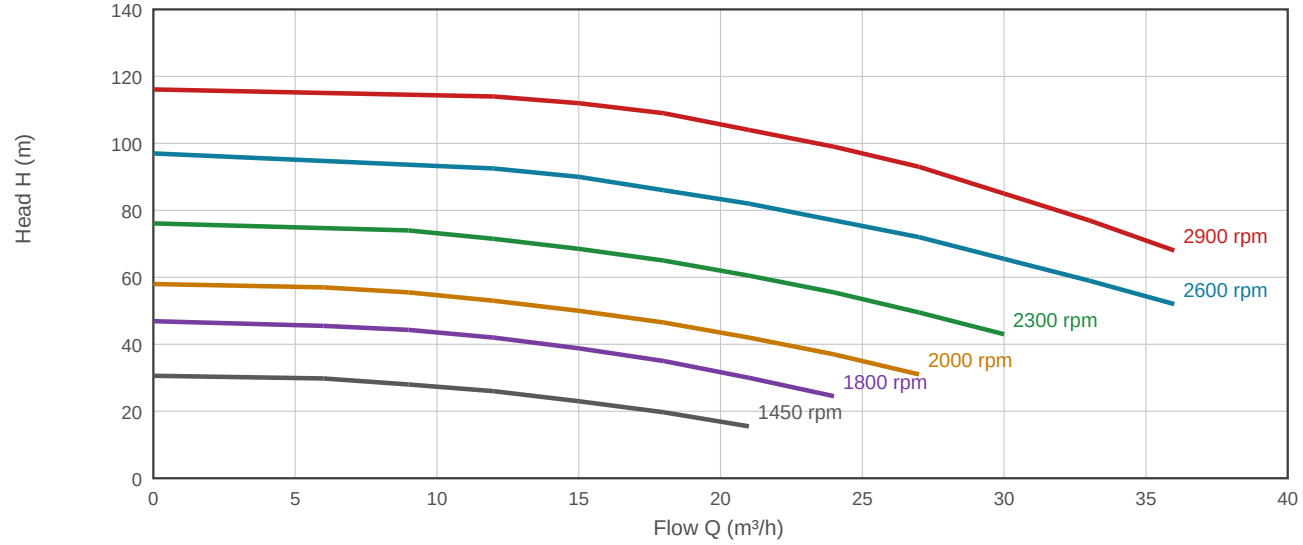
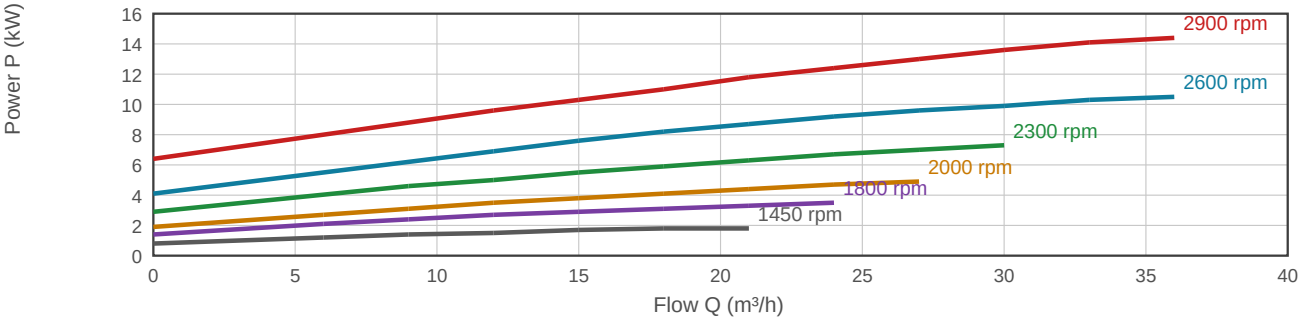
Rovatti S1K50-3 Multistage Pump - Performance Curve and Technical Data

Horizontal multistage high-pressure pump, impeller E. Curves at 2900, 2600, 2300, 2000, 1800, 1450 rpm.





Technical data	
Brand	Rovatti (Italy)
Model	S1K50-3 (series SK50)
Type	Horizontal multistage centrifugal pump, bare shaft
Stages	3
Impeller	E (largest)
Speed range	1450 - 2900 rpm
Flow range at 2900 rpm	0 - 36 m³/h
Head at 2900 rpm	116.1 - 68 m
Max. absorbed power	14.4 kW at 2900 rpm
NPSH required	3.05 - 5.8 m at 2900 rpm
Drive	Electric motor, engine or PTO (not included)

Flow Q (m³/h)	0	6	9	12	15	18	21	24	27	30	33	36
Head H (m) at 2900 rpm	116.1	-	-	114	112	109	104	99	93	85	77	68
Head H (m) at 2600 rpm	97	-	-	92.5	90	86	82	77	72	65.5	59	52
Head H (m) at 2300 rpm	76.1	-	74	71.5	68.5	65	60.5	55.5	49.5	43	-	-
Head H (m) at 2000 rpm	58	57	55.5	53	50	46.5	42	37	31	-	-	-
Head H (m) at 1800 rpm	46.9	45.5	44.3	42	38.8	35	30	24.5	-	-	-	-
Head H (m) at 1450 rpm	30.6	29.8	28	26	23	19.7	15.5	-	-	-	-	-
Power P (kW) at 2900 rpm	6.4	-	-	9.6	10.3	11	11.8	12.4	13	13.6	14.1	14.4
NPSH req. (m) at 2900 rpm	-	-	-	3.05	3.2	3.35	3.6	3.95	4.3	4.7	5.2	5.8

Data: Rovatti SK series technical sheet, impeller E. Tolerances ISO 9906 Annex A. Data subject to change without notice.