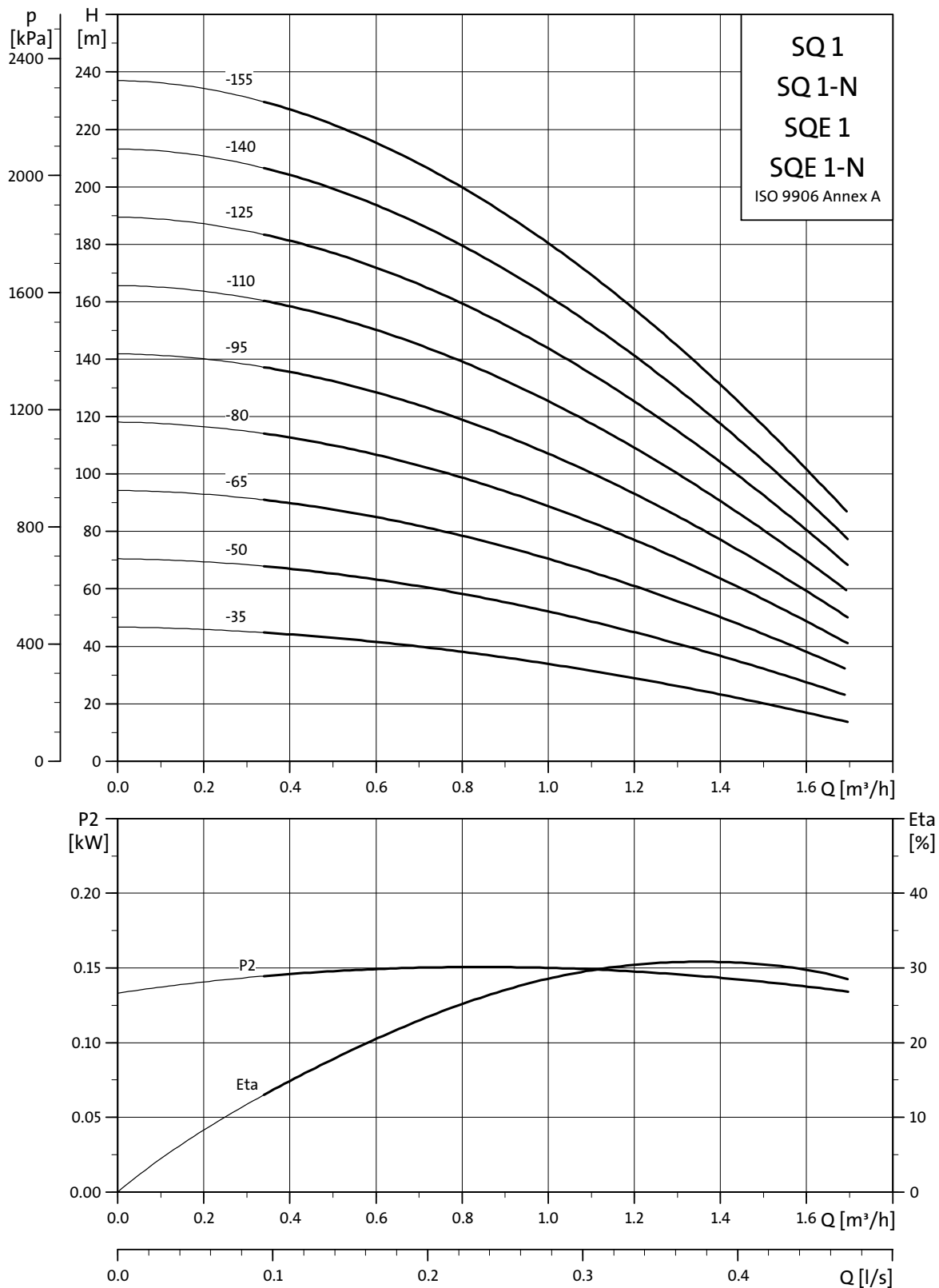


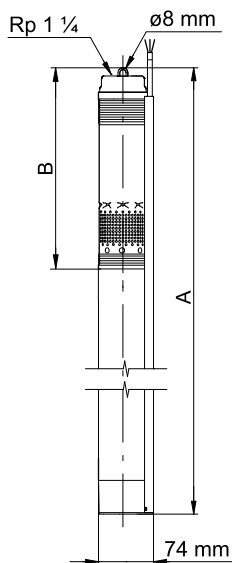
7. Performance curves and technical data

SQ 1, SQ 1-N, SQE 1, SQE 1-N



TM01 2692 4304

Dimensions and weights



TM01 2752 0499

Pump type	Number of stages	Motor		Dimensions [mm]		Net weight [kg]*	Shipping volume [m ³]*
		Type	Output power (P2) [kW]	A	B		
SQ 1-35 (-N)	2	MS 3 (-NE)	0.70	741	265	4.7	0.0092
SQE 1-35 (-N)		MSE 3 (-NE)					
SQ 1-50 (-N)	3	MS 3 (-NE)	0.70	741	265	4.8	0.0092
SQE 1-50 (-N)		MSE 3 (-NE)					
SQ 1-65 (-N)	4	MS 3 (-NE)	0.70	768	292	4.9	0.0094
SQE 1-65 (-N)		MSE 3 (-NE)					
SQ 1-80 (-N)	5	MS 3 (-NE)	1.15	825	346	5.6	0.0100
SQE 1-80 (-N)		MSE 3 (-NE)					
SQ 1-95 (-N)	6	MS 3 (-NE)	1.15	825	346	5.6	0.0100
SQE 1-95 (-N)		MSE 3 (-NE)					
SQ 1-110 (-N)	7	MS 3 (-NE)	1.15	852	373	5.7	0.0103
SQE 1-110 (-N)		MSE 3 (-NE)					
SQ 1-125 (-N)	8	MS 3 (-NE)	1.68	942	427	6.4	0.0113
SQE 1-125 (-N)		MSE 3 (-NE)					
SQ 1-140 (-N)	9	MS 3 (-NE)	1.68	942	427	6.5	0.0113
SQE 1-140 (-N)		MSE 3 (-NE)					
SQ 1-155 (-N)	10	MS 3 (-NE)	1.85	969	454	6.7	0.0116
SQE 1-155 (-N)		MSE 3 (-NE)					

* Including pump, motor, 1.5 m cable and cable guard.

Electrical data, 1 x 200-240 V, 50/60 Hz

Pump type	Motor type	Input power, motor (P1) [kW]	Output power, motor (P2) [kW]	Required input power, pump [kW]	Rated current I _{1/1} [A]		Rated motor efficiency (η) [%]
					230 V	200 V	
SQ 1-35 (-N)	MS 3 (-NE)	0.58	0.70	0.37	2.5	2.9	70
SQE 1-35 (-N)	MSE 3 (-NE)						
SQ 1-50 (-N)	MS 3 (-NE)	0.78	0.70	0.52	3.3	4.0	70
SQE 1-50 (-N)	MSE 3 (-NE)						
SQ 1-65 (-N)	MS 3 (-NE)	1.00	0.70	0.68	4.3	5.2	70
SQE 1-65 (-N)	MSE 3 (-NE)						
SQ 1-80 (-N)	MS 3 (-NE)	1.18	1.15	0.84	5.1	6.0	73
SQE 1-80 (-N)	MSE 3 (-NE)						
SQ 1-95 (-N)	MS 3 (-NE)	1.38	1.15	0.99	6.0	7.0	73
SQE 1-95 (-N)	MSE 3 (-NE)						
SQ 1-110 (-N)	MS 3 (-NE)	1.59	1.15	1.15	7.0	8.1	73
SQE 1-110 (-N)	MSE 3 (-NE)						
SQ 1-125 (-N)	MS 3 (-NE)	1.82	1.68	1.31	7.8	9.3	74
SQE 1-125 (-N)	MSE 3 (-NE)						
SQ 1-140 (-N)	MS 3 (-NE)	2.02	1.68	1.47	8.6	10.3	74
SQE 1-140 (-N)	MSE 3 (-NE)						
SQ 1-155 (-N)	MS 3 (-NE)	2.19	1.85	1.62	9.6	11.0	74
SQE 1-155 (-N)	MSE 3 (-NE)						