

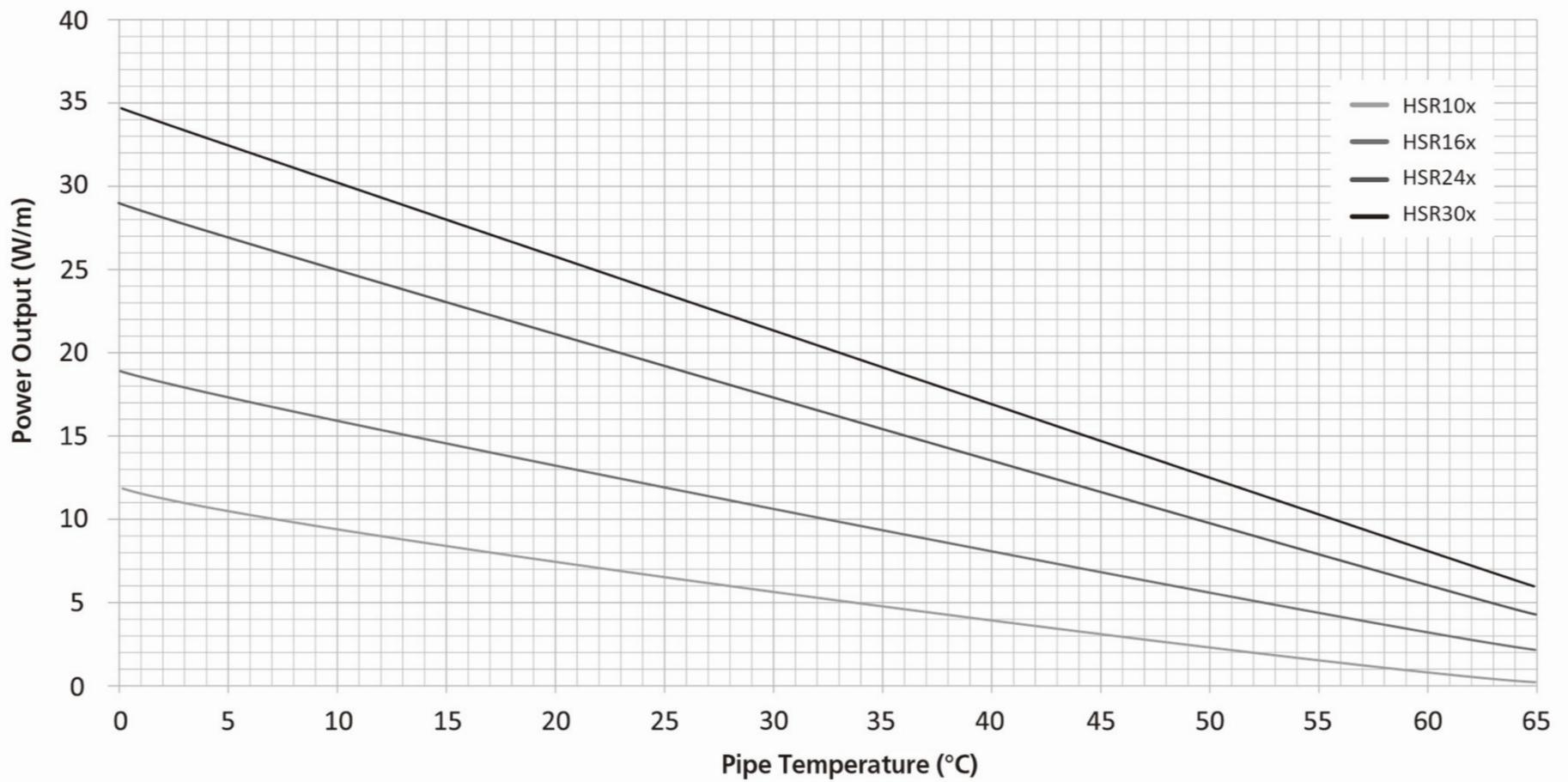
Product drawing



-----	Bus wire	Nickel plated copper wire
-----	Polymeric heating element	Polyolefin + C/B
-----	Primary insulation	FR Polyolefin
-----	Earthing	Braided Tinned Copper Wire Nickel
-----	Outer jacket	PE + C/B FR Polyolefin (-P) PVDF(-F)

Power output graph

Nominal power output on metal pipe



Circuit design guide

Breaker size(A) \ Product code	Start-up Temp. -20°C						Start-up Temp. 0°C						Start-up Temp. 10°C					
	10A	16A	20A	25A	32A	40A	10A	16A	20A	25A	32A	40A	10A	16A	20A	25A	32A	40A
HSR102-CP(F)	71	114	139	139	139	139	92	148	158	158	158	158	111	173	173	173	173	173
HSR162-CP(F)	47	75	94	113	113	113	56	90	112	130	130	130	74	118	141	141	141	141
HSR242-CP(F)	30	48	60	75	97	103	36	57	71	89	114	117	50	81	101	126	126	126
HSR302-CP(F)	25	41	51	64	81	94	30	48	60	75	96	106	39	62	77	97	114	114

Max. circuit length(m) at 230Vac based on starting temp. (°C) and typical Type C circuit breaker size (Amps).