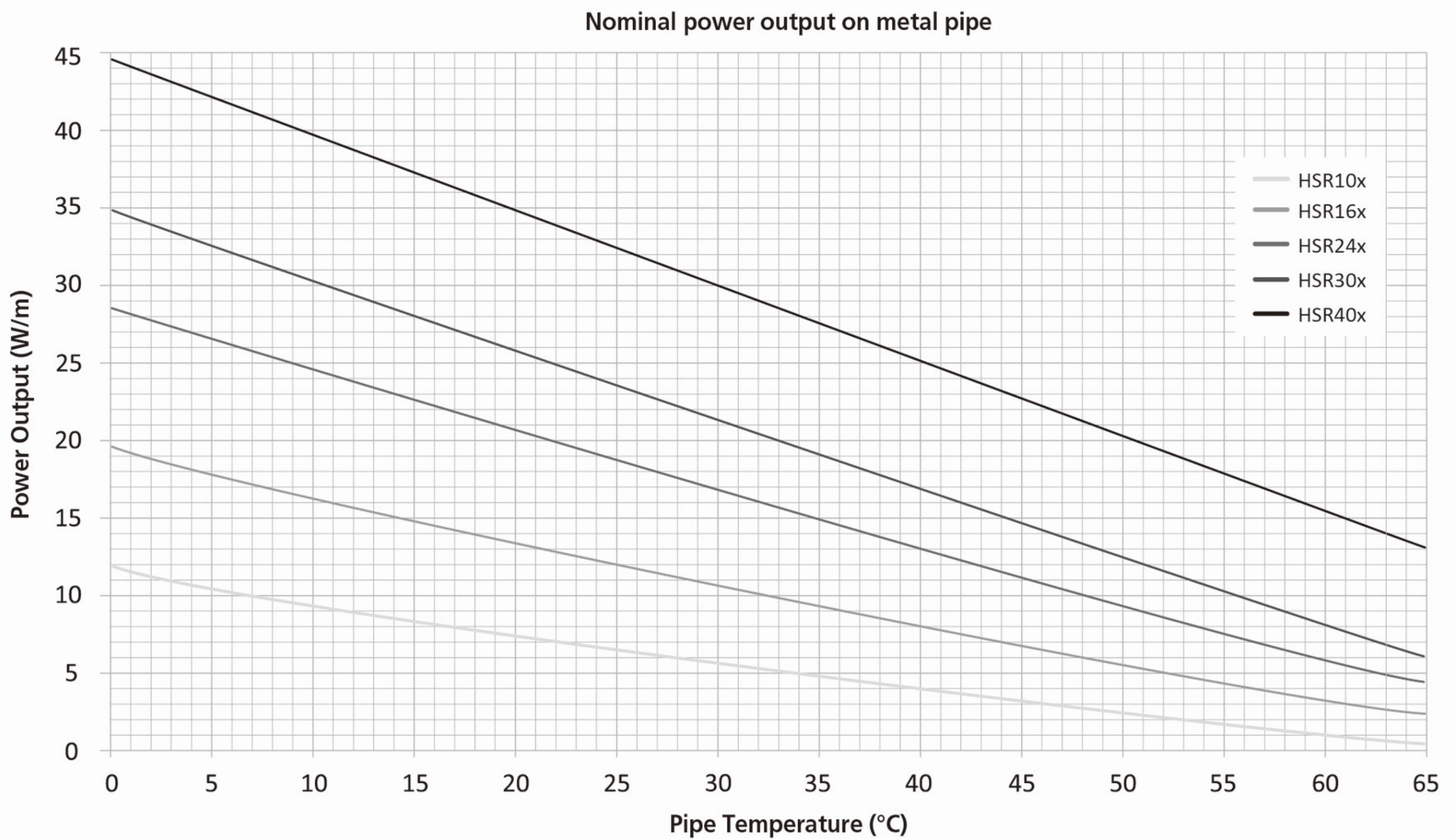


Product drawing



- Bus wire
 - Polymeric heating element
 - Primary insulation
 - Earthing
 - Outer jacket
- Nickel plated copper wire
 - Polyolefin + C/B
 - Low Smoke Zero Halogen insulation
 - Braided Tinned Copper Wire Nickel
 - Low Smoke Zero Halogen outer jacket

Power output graph



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-ZH	71	114	139	139	139	139	92	148	158	158	158	158	111	173	173	173	173	173
HSR162-ZH	47	75	94	113	113	113	56	90	112	130	130	130	74	118	141	141	141	141
HSR242-ZH	30	48	60	75	97	103	36	57	71	89	114	117	50	81	101	126	126	126
HSR302-ZH	25	41	51	64	81	94	30	48	60	75	96	106	39	62	77	97	114	114
HSR402-ZH	20	32	40	50	64	80	23	38	47	59	75	94	30	48	61	76	97	101

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