

MH 3069 HT 3~ 254

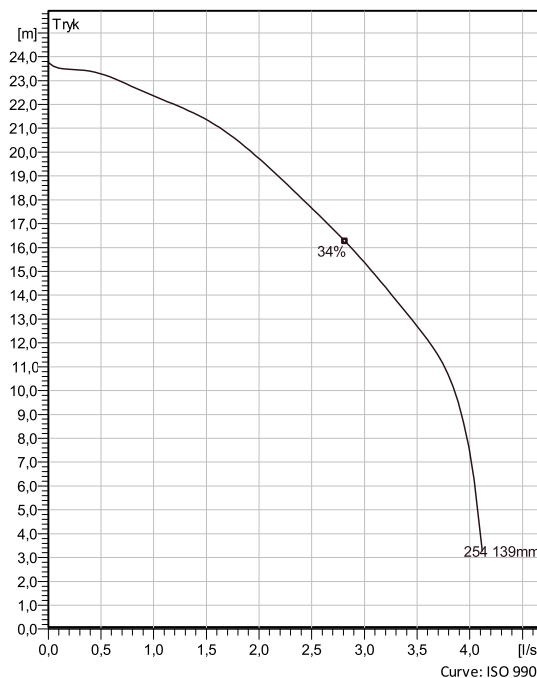
Halv-åbent fler-kanal hjul med integreret kværn for væsker indeholdende partikler og fibre.



Teknisk specifikation



Curves according to: Vand, rent [100%], 4 °C, 999,9 kg/m³, 1,5692 mm²/s



Nominal (mean) data shown. Under- and over-performance from this data should be expected due to standard manufacturing tolerances. Please consult your local Flygt representative for performance guarantees.

Konfiguration

Motor number M3069.170 13-08-2BB-W 1.7KW	Installation H - Semi permanent, dykket
Impeller diameter 139 mm	Discharge diameter 40 mm

Pump information

Impeller diameter 139 mm
Discharge diameter 40 mm
Inlet diameter 40 mm
Maximum operating speed 3400 rpm
Number of blades 5
Throughlet diameter 6 mm
Max. fluid temperature 40 °C

Materials

Pumpehjul Gråt støbejern
Stator housing material Gråt støbejern

Projekt Xylect-20568291
Blok

Udført af
Oprettet 9/5/2024 Opdateret 9/5/2024

MH 3069 HT 3~ 254

Teknisk specifikation



Motor - General

Motor number M3069.170 13-08-2BB-W 1.7KW	Faser 3~	Rated speed 3400 rpm	Mærkeeffekt 1,7 kW
Godkendelse No	Antal poler 2	Mærkestrøm 3,8 A	Stator variant 5
Frekvens 50 Hz	Mærkespæding 400 V	Isoleringsklasse F	Driftstype S1
Version code 170			

Motor - Technical

Motor cos phi - 1/1 Load 0,87	Motor efficiency - 1/1 Load 74,8 %	Total inertimoment 0,0029 kg m²	Max. starter pr. time 15
Motor cos phi - 3/4 Load 0,81	Motor efficiency - 3/4 Load 78,3 %	Startstrøm, direkte start 17 A	
Motor cos phi - 1/2 Load 0,69	Motor efficiency - 1/2 Load 79,1 %	Startstrøm, stjerne-trekant 5,66 A	

Projekt	Xylect-20568291	Udført af	
Blok		Oprettet	9/5/2024
		Opdateret	9/5/2024

MH 3069 HT 3~ 254

Performance curve

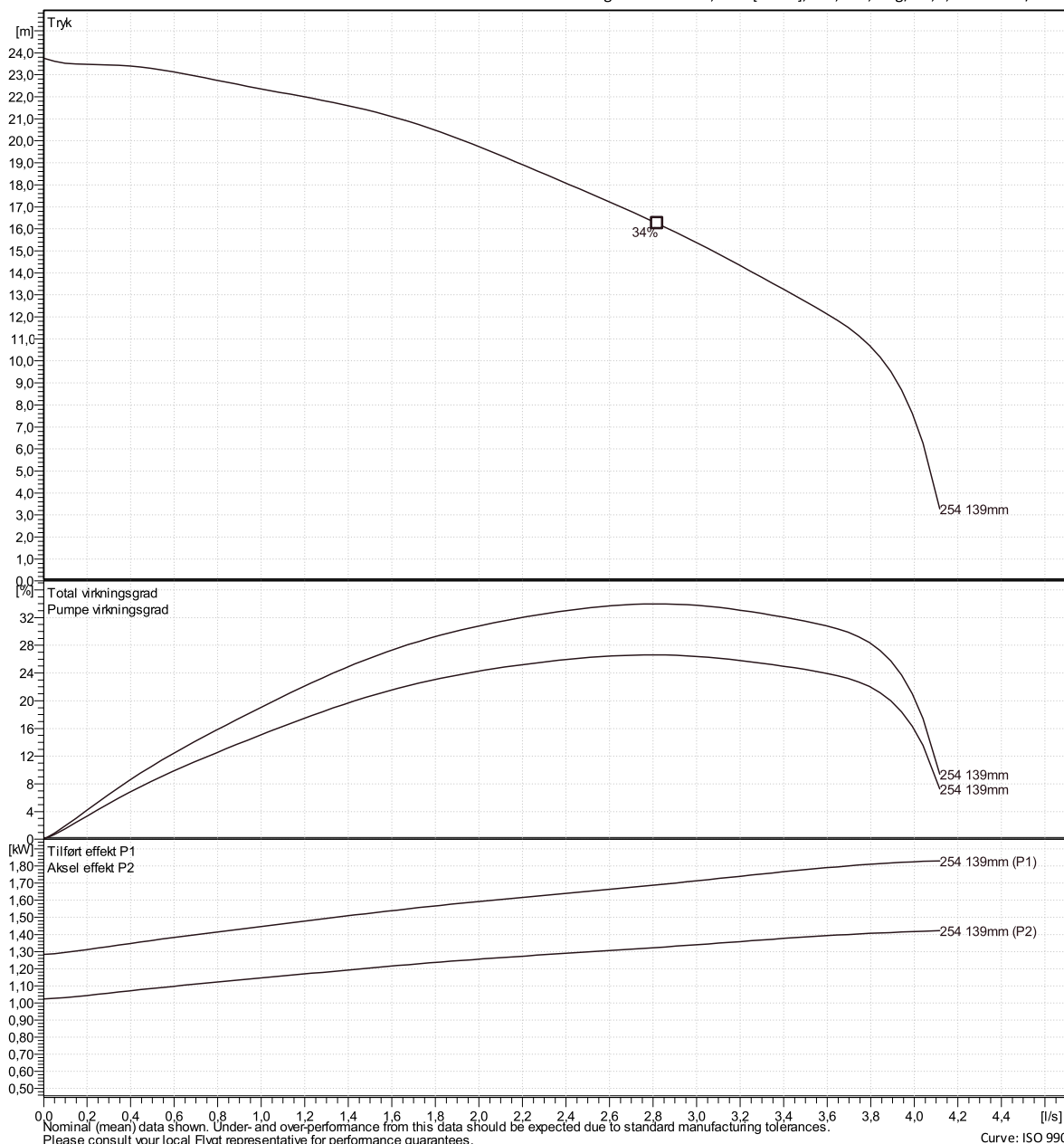


Duty point

Flow

Tryk

Curves according to: Vand, rent [100%], 4 °C, 999,9 kg/m³, 1,5692 mm²/s



Projekt Xylect-20568291

Udført af

Blok

Oprettet

9/5/2024

Opdateret

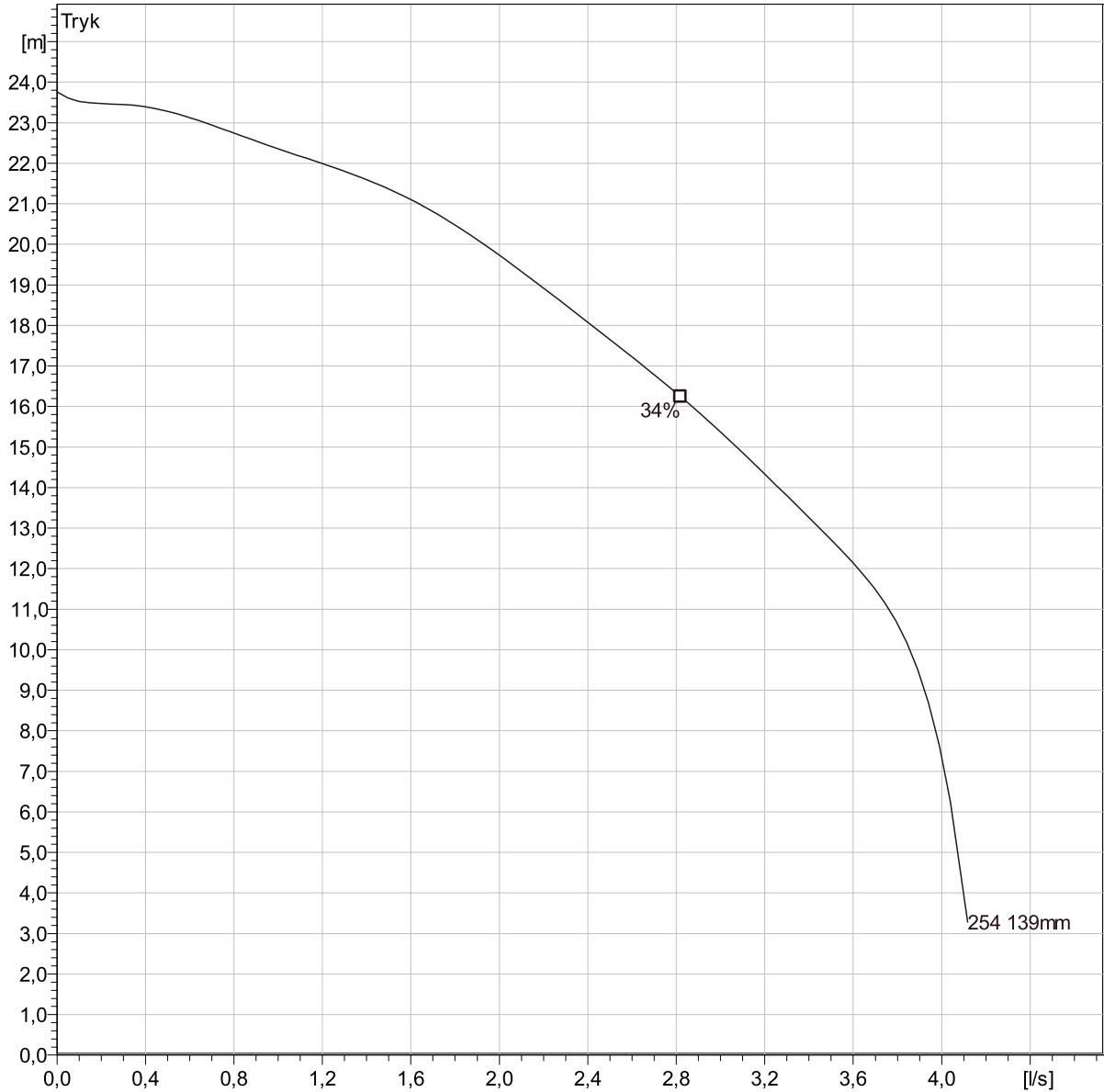
9/5/2024

MH 3069 HT 3~ 254

Duty Analysis



Curves according to: Vand, rent ,4 °C,999,9 kg/m³,1,5692 mm²/s



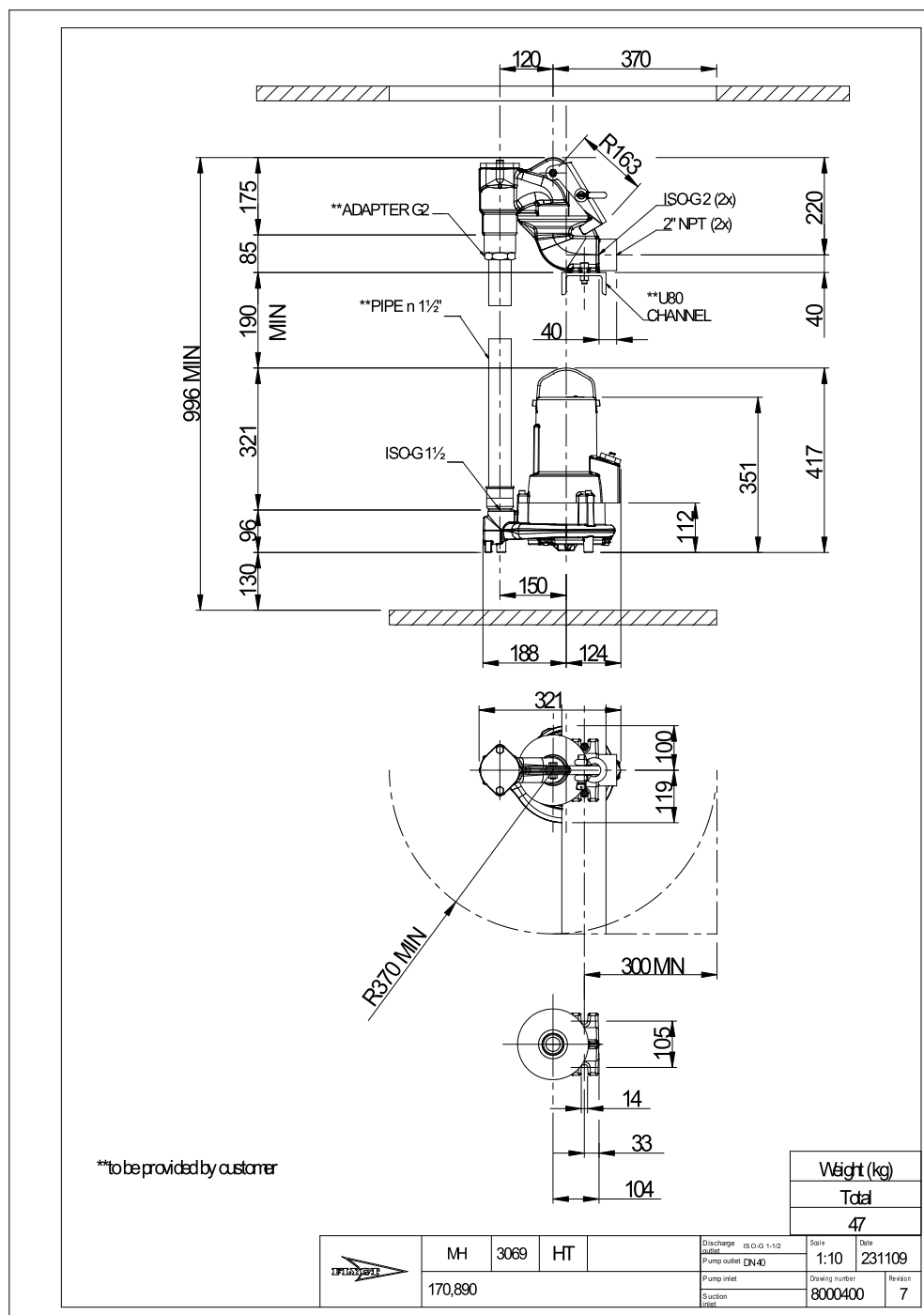
Operating characteristics

Pumps / Systems	Flow	Tryk	Akselkraft	Flow	Tryk	Akselkraft	Hydr.eff.	Specifik energi	NPSHre
-----------------	------	------	------------	------	------	------------	-----------	-----------------	--------

Projekt	Xylect-20568291	Udført af							
Blok		Oprettet	9/5/2024	Opdateret				9/5/2024	

MH 3069 HT 3~ 254

Dimensions tegning



Projekt Xylect-20568291
Blok

Udført af
Oprettet 9/5/2024 Opdateret 9/5/2024