

Technical Data

Product: DIP 50000
Part No.: 22240

Inlet connection:	DN 1000 ISO-F	
Outlet connection:	DN 160 ISO-K	
Pumping speed for air		
below 1.0×10^{-4} mbar / 7.5×10^{-5} Torr:	50000 l/s	
Operating range:	1.0×10^{-2} - 5.0×10^{-7} mbar	7.5×10^{-3} - 3.8×10^{-7} Torr
Ultimate total pressure:	$< 5.0 \times 10^{-7}$ mbar	$< 3.8 \times 10^{-7}$ Torr
Max. permissible fore vacuum pressure:	6.0×10^{-2} mbar	4.5×10^{-2} Torr
Operating fluid:	Pump will be delivered without operating fluid	
Operating fluid capacity		
min.:	12.0 l	12.7 qt
max.:	25.0 l	26.4 qt
Mains connection:	3-ph Y, 400 V, 50/60 Hz	
Heating power:	24 kW	
Number of heating cartridges:	24	
Heating up time:	< 30 min	
Number of cooling water circuits:	3	
Cooling water minimal		
pump:	1500 l/h	6.6 gal/min
cold cap baffle:	150 l/h	0.66 gal/min
Max. cooling water pressure:	6 bar	87 psi
Cooling water connection		
pump:	1/2", Inside thread	
cold cap baffle:	3/8", Inside thread	
Dimensions:	see dimension sheet	
Weight:	≈ 560 kg	≈ 1235 lbs

Technical data are subject to change