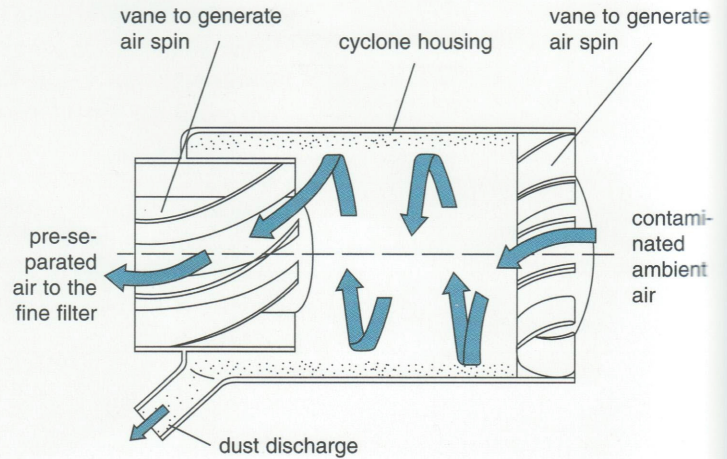


DualSpin® Precleaners

The DualSpin® precleaner newly developed by MANN+HUMMEL offers excellent separation efficiency with a simultaneous minimal drop in pressure. The special arrangement of both distributors reduces the pressure drop of the precleaners by up to 50%. Generously dimensioned cross-sectional flow

areas almost completely prevent clogging – even under unfavourable conditions, such as with harvesting machines. The DualSpin® is the ideal complement to the air cleaners of the NLG line (see page 23), but it can also be combined with other air cleaners (e.g. metal air cleaners).



Working principle of the DualSpin® precleaner

Advantages of the DualSpin® precleaner:

- The highest separation performance ($\eta > 90\%$, SAE-C) with scavenging is achieved by connecting an exhaust ejector (see page 112), radiator fan or an external blower.
- operation with dust discharge valve possible as a more economic alternative ($\eta > 85\%$, SAE-C)
- Different distributor inserts are used to adjust the pre-cyclone within a range of 18 m³/min to 50 m³/min ideally to the air requirement of the machine.
- The polygon design of the housing enables use of the proven bracket of the Europiclone® 700 (Part No. 39 700 40 999).



DualSpin® Precleaners

Dimensions and part numbers

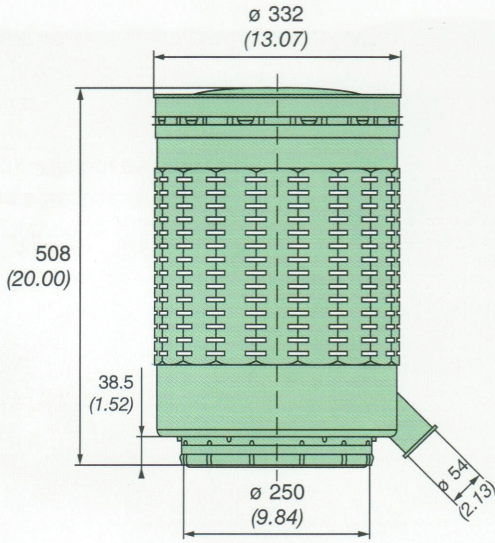


Fig. 1
(Scavenging)

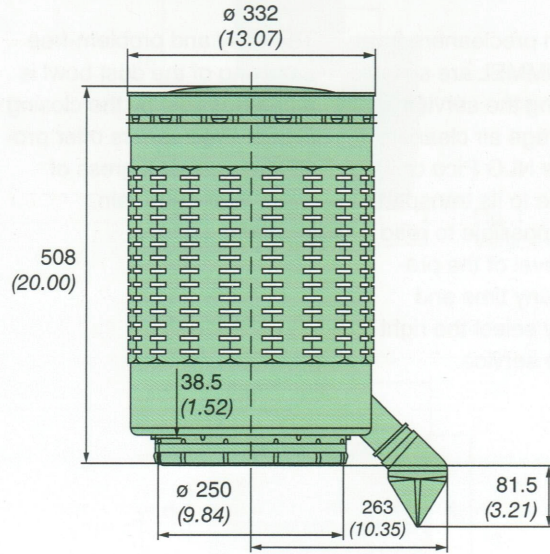


Fig. 2
with dust discharge valve 39 000 40 671

Part No.		Nominal flow rate [m ³ /min]	Approx. weight [kg]
without dust discharge valve (Fig. 1)	with dust discharge valve (Fig. 2)		
48 025 75 900	48 025 75 910	18 – 25	2.4
48 037 75 910	48 037 75 920	25 – 50	2.4

Flow characteristics ...

... for flow rates (only DualSpin®) as per ISO 5011

