HMF 180-02

Fixed Displacement Motor.
Swashplate Design.

Linde Hydraulics

Figure: nominal size 180

Design characteristics

>> Fixed displacement motor for open & cl. circuit operation
>> Integrated brake
>> High power density

Advantages

>> Cost-efficient solution & precise control
>> Dynamic movements and safe stop of the swing drive
>> Very small space requirements

General technical data

Nominal size			155	180	249
Displacement	Displacement	cc/rev	155	180	249
Speed	Maximum speed	rev/min	upon request	1680	upon request
Pressure	Nominal pressure	bar	350		
	Max. pressure[2]		420		
Torque	Max.output torque at Nom. pressure	Nm	upon request	1003	upon request
Weight	approx. (without oil)	kg	upon request	76.5	upon request

[1] theoretical data of a single unit without efficiency effects
[2] highest transient pressure, that can temporarily occur

HMF 180-02

Fixed Displacement Motor.
Swashplate Design.

Linde Hydraulics

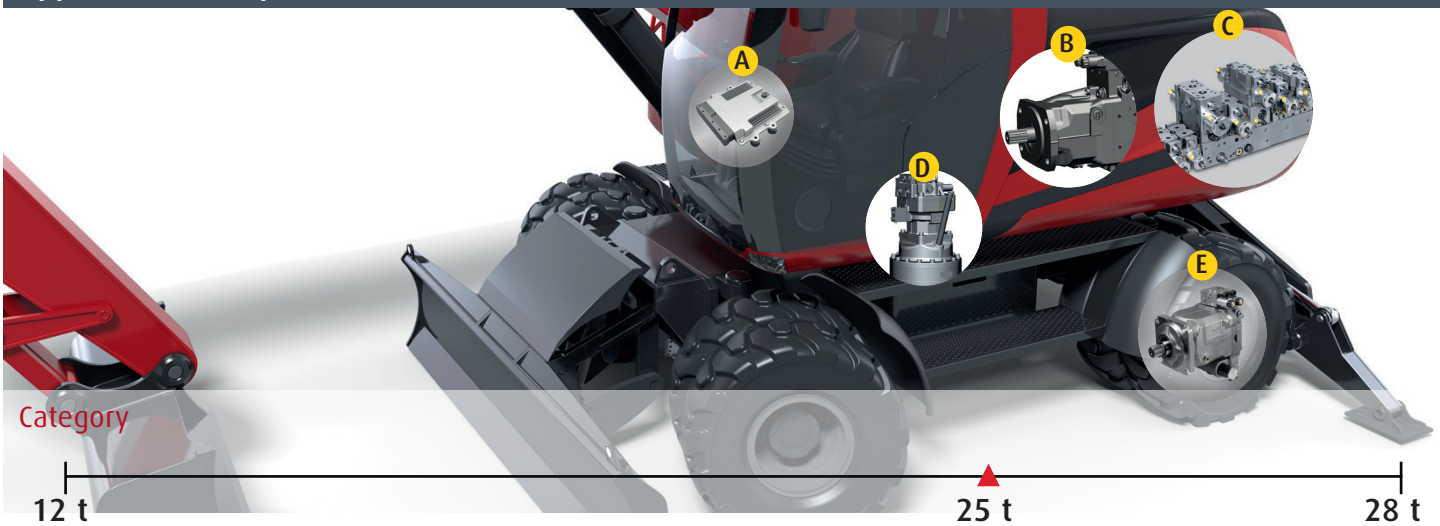
Interfaces & options

Nominal size	Flange	Shaft	PTO
155	ISO 3019-2 160-4	JIS D2001 19x1,667	n.a.
		ISO 3019-2 W35*	
180	ISO 3019-2 160-4	JIS D2001 16x2,5	n.a.
		ISO 3019-2 W45*	
249	ISO 3019-2 200-4	JIS D2001 18x2,5	n.a.
		ISO 3019-2 W50*	

Nominal size	Work Ports	Auxiliary ports	
155	ISO 6162	JIS B2351	
		ISO 6149-1*	
180	ISO 6162	JIS B2351	
		ISO 6149-1*	
249	ISO 6162	JIS B2351	
		ISO 6149-1*	

* execution upon request

Application example



Equipment

- A 1x iCon CD 97-01
- B 1x HPR 125-02 D
- C 1x VT4 modular
- D 1x HMF 180-02
- E 1x HMR 105-02

Linde Hydraulics GmbH & Co. KG
Wailandtstraße 13
63741 Aschaffenburg
Fon +49 6021 150 00
Email info@linde-hydraulics.com
Web http://www.linde-hydraulics.com