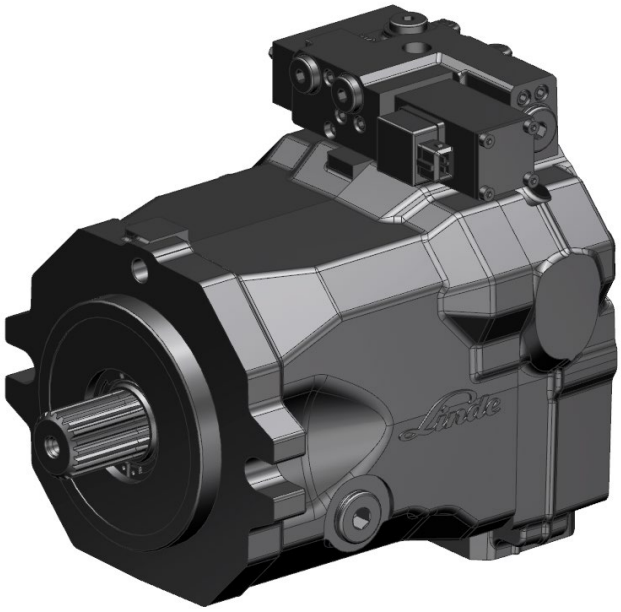
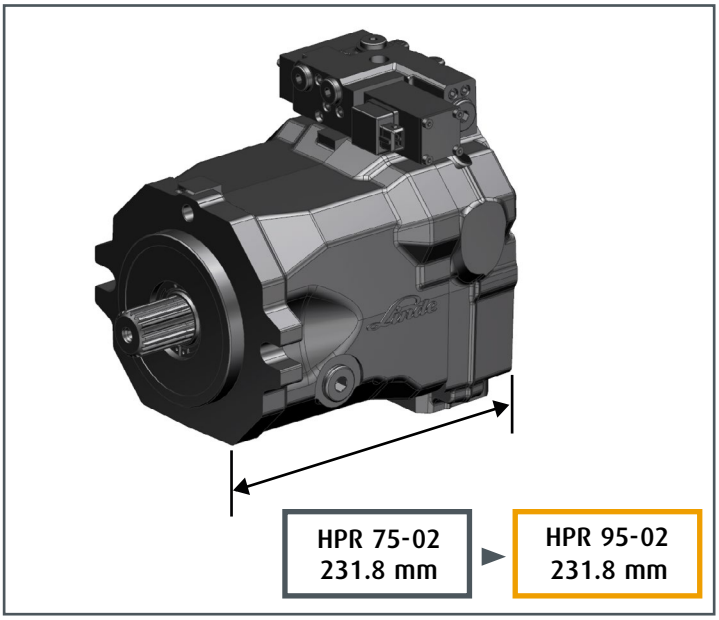
HPR 95 -02

Self-regulating pump for open circuit operation

Linde Hydraulics





Design Characteristics

>> High speed capability and very low weight
>> required installation space corresponds to nominal size 75
>> various PTO-options
>> Standardized interfaces

Advantages

>> High power density
>> Extremely compact installation
>> Ease of application

General technical data

New size !

			55	75	95	105	135	165	210	280	105D	125D	165D
Nominal size													
Displacement	Max. Displacement	cc/rev	55	75.9	94.7	105	135.7	163.6	210.1	281.9	2x105	2x125	2x165
Speed	Maximum speed	rev/min	2700	2500	2500	2500	2350	2400	2100	2000	2450	2400	2100
Oil flow	Max. oil flow [1]	l/min	148.5	189.8	237.5	246.8	312.1	392.6	441.2	563.8	514.5	600	695.5
Pressure	Nominal pressure	bar	420	420	350	420	420	350	420	420	420	350	420
	Max. pressure[2]		500	500	420	500	500	420	500	500	500	420	500
Torque	(Δp=nom. pressure)	Nm	368	507	527.5	702	907	911	1404	1884	1245	1245	1964
Power	Corner power	kW	104	132.8	138	172.7	218.5	229	308.8	394.7	319.4	337	431.8
Weight	approx. (without oil)	kg	39	39	44.5	50	65	74	116	165	96	113	177

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

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Interfaces

Controllers

LS-Controllers, without position feedback
>> LP
>> E1L
>> H1L

* intermediate flange required

Shafts & Power take-off (PTO)

Shafts
>> ANSI B92.1
-16/32 - 21Z (35-4)
-12/24 - 14Z (32-4)

Power take-off (PTO)
>> SAE A
>> SAE B*
>> SAE C*

* intermediate flange required

Flanges

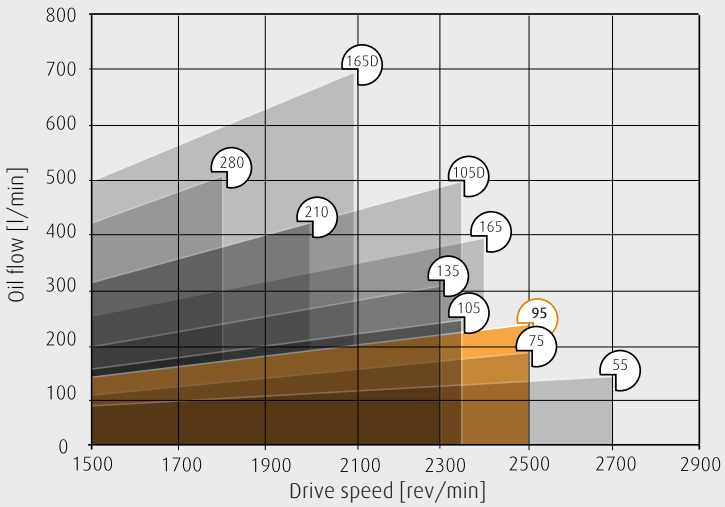
>> SAE C 2-hole (SAE J 744) 127-2
ISO 3019-1

Ports

>> Work ports
- High pressure SAE 1"
ISO 6162-2
- Suction port SAE 2"
ISO 6162-1

>> Threaded ports
- ISO 6149-1

Range of application



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