

**HPR 125D-02**

**Technische Daten/Technical  
Data**

Linde Hydraulics

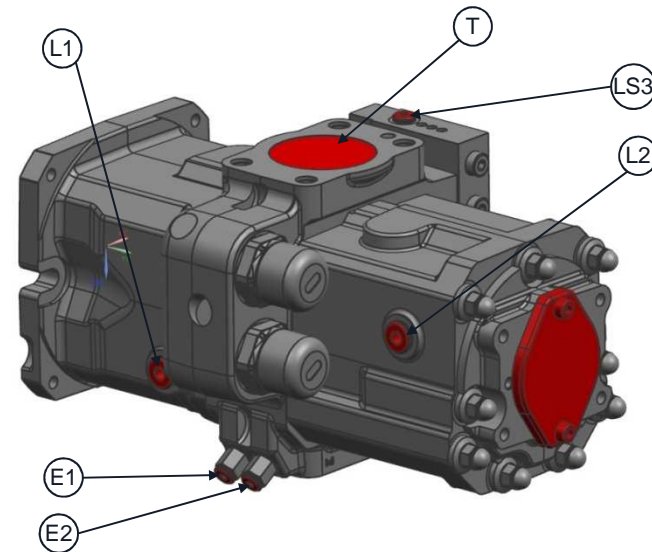
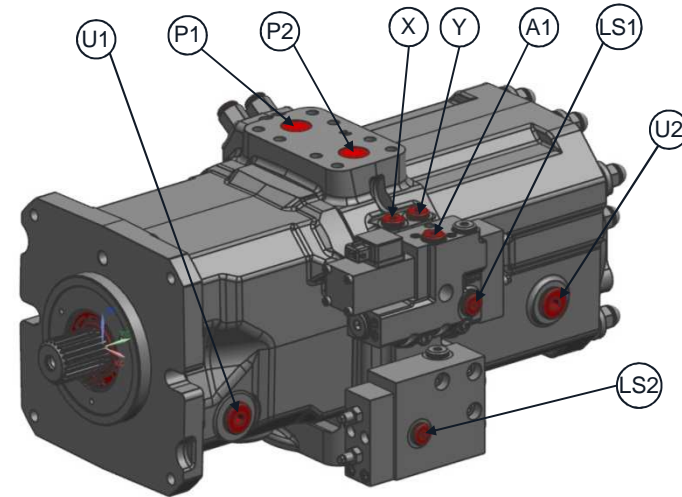
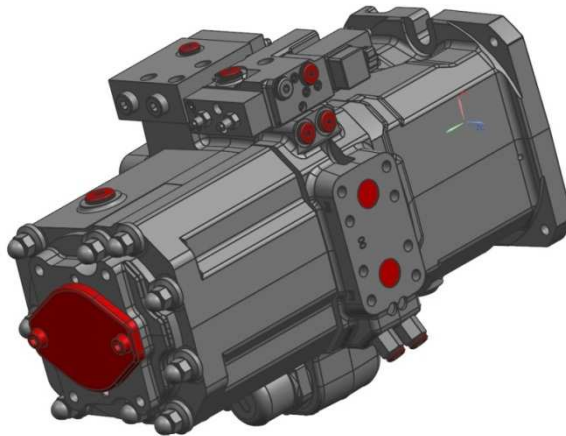
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# HPR125D-02 E1L/LP

## Anschlussbezeichnungen/Port nomenclature



- |             |                                      |                   |
|-------------|--------------------------------------|-------------------|
| (P1) (P2)   | high pressure port                   | NG 25 ISO6162-2   |
| (E1) (E2)   | external actuating pressure          | M14x1,5 ISO6149-1 |
| (T)         | inlet port                           | NG 89 ISO6162-1   |
| (A1)        | control port LS override (E1L - P1)  | M14x1,5 ISO6149-1 |
| (LS1)       | load sensing port (E1L - P1)         | M14x1,5 ISO6149-1 |
| (LS2) (LS3) | load sensing ports (LP - P2)         | M14x1,5 ISO6149-1 |
| (X)         | control port actuating pressure (P1) | M14x1,5 ISO6149-1 |
| (Y)         | control port actuating pressure (P2) | M14x1,5 ISO6149-1 |
| (L1) (L2)   | drain ports                          | M22x1,5 ISO6149-1 |
| (U1) (U2)   | drain ports                          | M22x1,5 ISO6149-1 |
- connected in a way that inside space is filled with oil



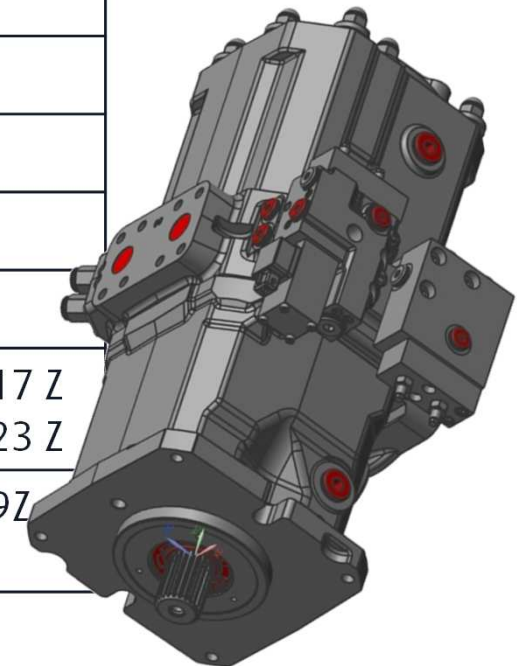
# HPR125D R

## Technische Daten

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Verdrängungsvolumen	$V_g$	cm <sup>3</sup> /U	2 x 125
Maximaldrehzahl	$n_{max}$	U/min	2300
Dauerdruck	$p_{dauer}$	bar	250
Maximaldruck	$p_{max}$	bar	420
Max. Dauerleistung	$P_{max,dauer}$	kW	240
Trägheitsmoment	$J$	kg m <sup>2</sup>	2,9
Masse	$m$	kg	113
Gehäusedruck	$p_{Geh.}$	bar	1,5
Max. Gehäuseöltemperatur	$T_{Geh,max}$	°C	90
Axialdruckkraft Triebwelle	$F_{ax,Druck}$	N	2000
Axialzugkraft Triebwelle	$F_{ax,Zug}$	N	2000
Triebwelle; Flansch	SAE C-C ISO 3019-1	38-4; 127-2 38-4; 127-2	12/24 17 Z 16/32 23 Z
PTO	SAE A ISO 3019-1	16-4; 82-2	16/32 9Z



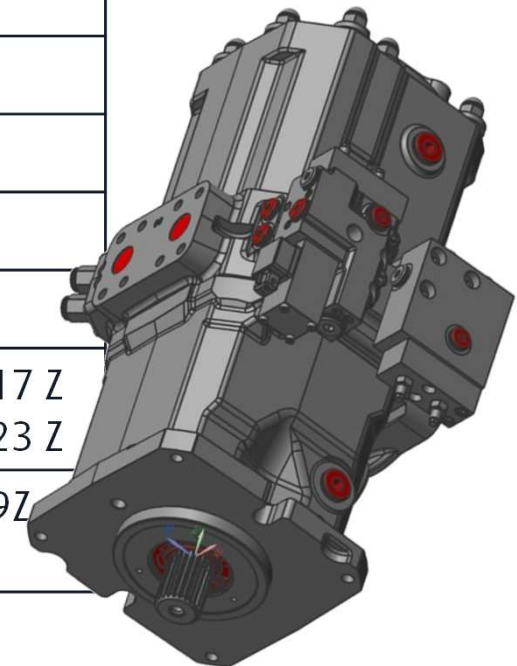
# HPR125D R

## Technical Specs

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Displacement	$V_g$	cm <sup>3</sup> /U	2 x 125
Max. speed	$n_{max}$	U/min	2300
Continuous pressure	$p_{dauer}$	bar	250
Rated pressure	$p_{max}$	bar	420
Max. continuous power	$P_{max,dauer}$	kW	240
Moment of inertia	$J$	kg m <sup>2</sup>	2,9
Weight	$m$	kg	113
Case pressure	$p_{Geh.}$	bar	1,5
Max. case oil temperature	$T_{Geh,max}$	°C	90
Axial force on shaft (push)	$F_{ax,Druck}$	N	2000
Axial force on shaft (pull)	$F_{ax,Zug}$	N	2000
shaft; flange	SAE C-C	38-4; 127-2	12/24 17 Z
	ISO 3019-1	38-4; 127-2	16/32 23 Z
PTO	SAE A ISO 3019-1	16-4; 82-2	16/32 9Z

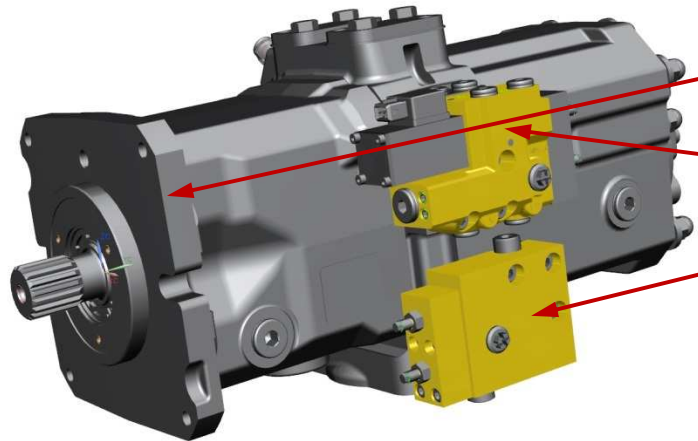


# HPR125D V+ E1L/LP 280 P

## Technische Eigenschaften

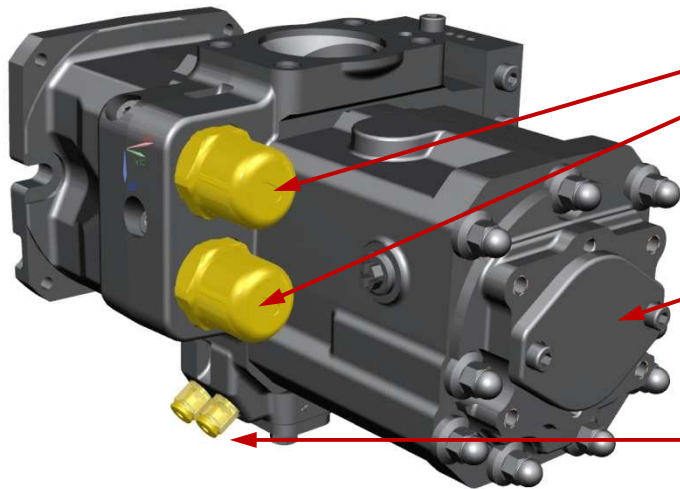
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⇒ SAE C-C mit 4 Zusatzlöchern  
(für verbesserte Befestigung)

⇒ 2 unabhängige Regler  
(hier: E1L + LP)  
(für volle Zweikreisfähigkeit)



⇒ 2 halbintegrierte Speicher  
(für Speicherumsteuerung)

⇒ SAE A PTO  
(für Steuerölpumpe)

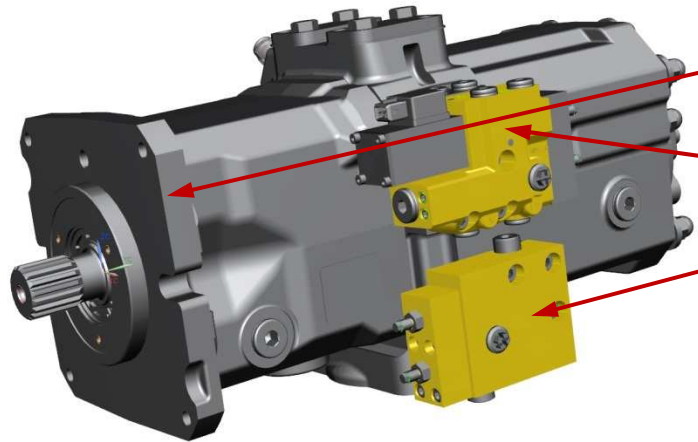
⇒ 2 Einspeiseanschlüsse  
mit Wechselventil  
(Versorgung der kleinen Stellkolben)

# HPR125D V+ E1L/LP 280 P

## Technical features

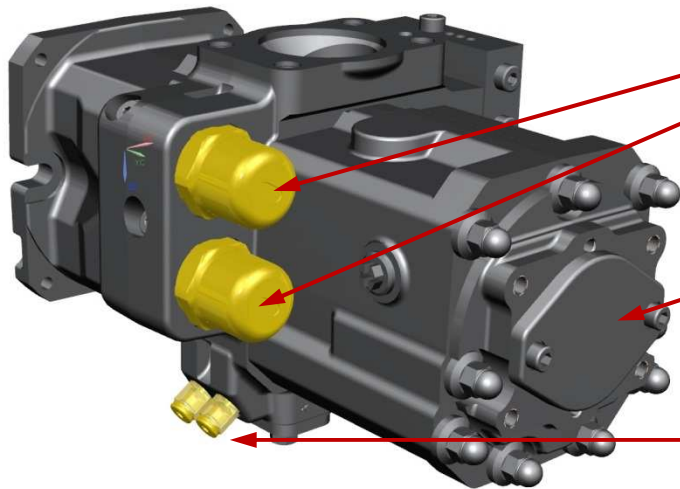
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⇒ SAE C-C with 4 additional holes  
(for reinforced mounting)

⇒ 2 independent controllers  
(here: E1L + LP)  
(for full dual circuit functionality)



⇒ 2 semi-integrated SPUs  
(for SPU commutation)

⇒ SAE A PTO  
(for pilot pressure pump)

⇒ 2 external feedports  
with shuttle valves  
(supply of stroke actuators)