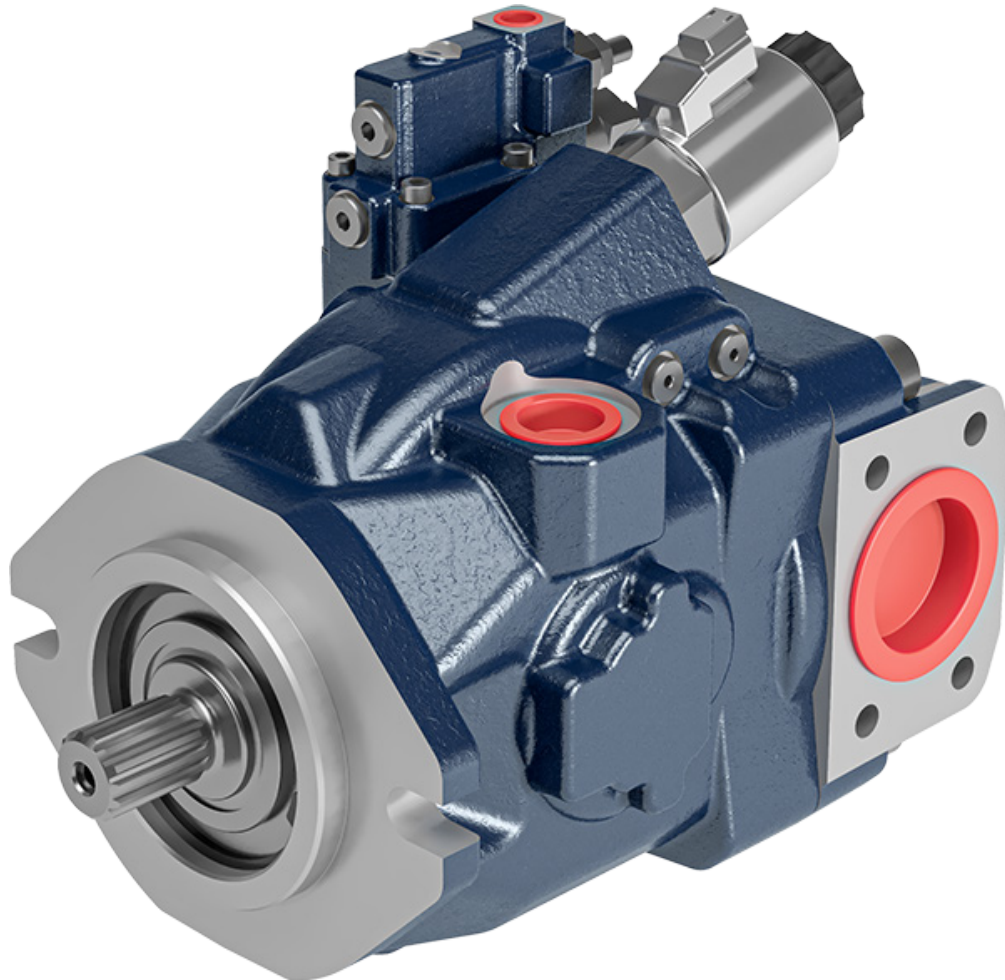
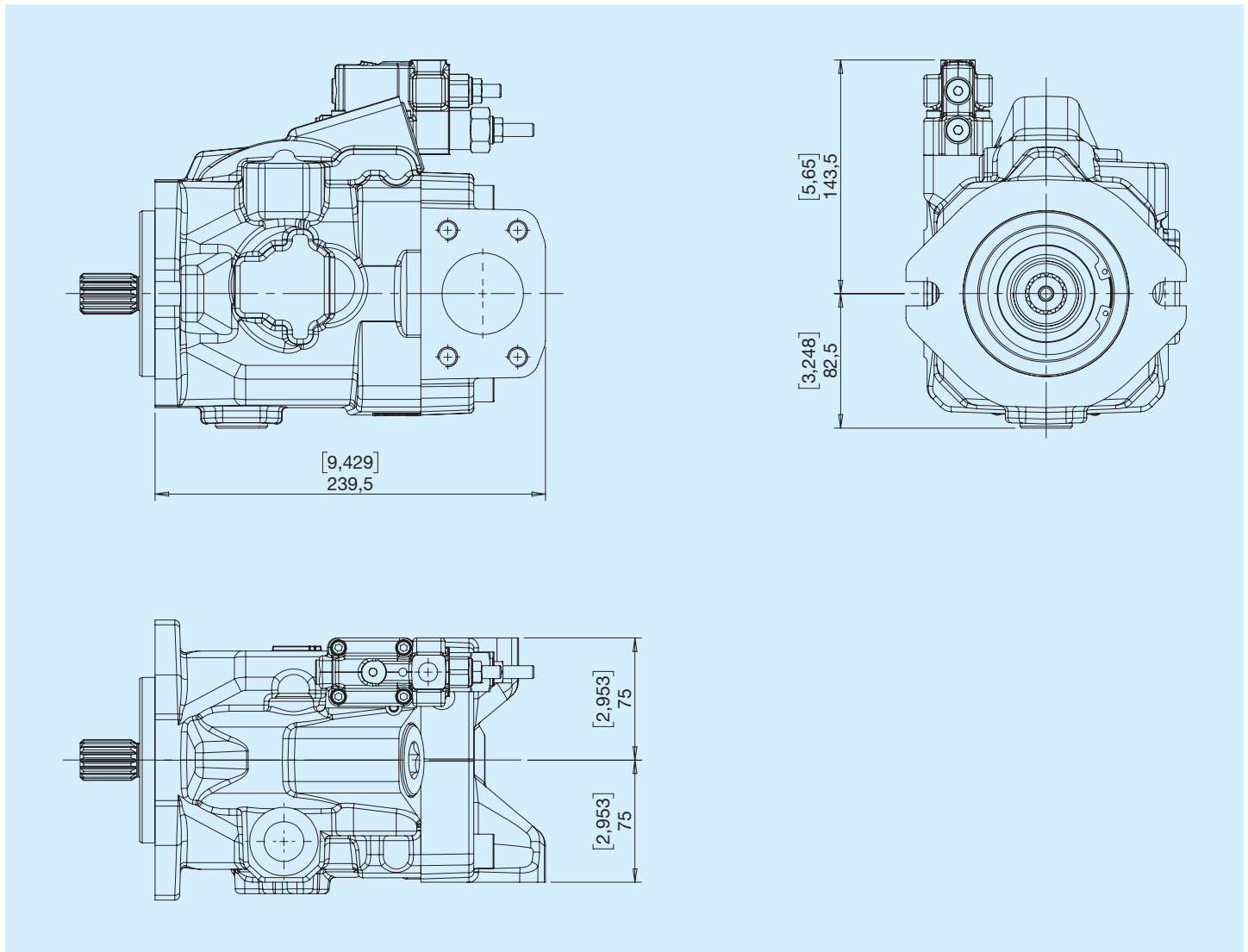


Verstellpumpen

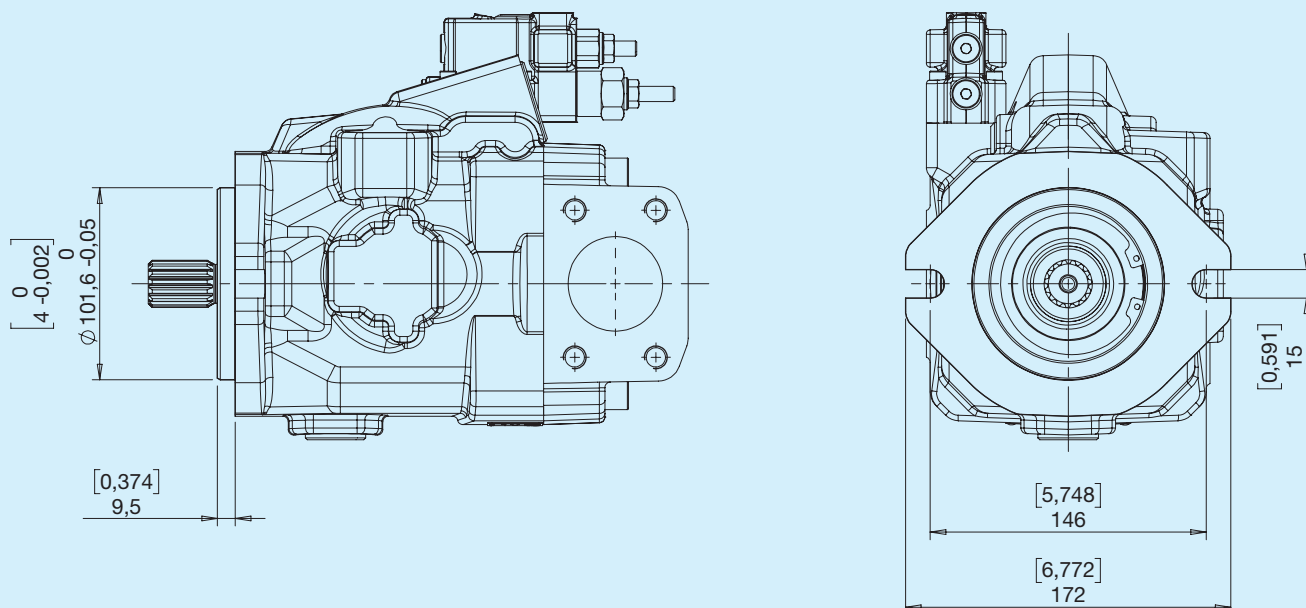


Bevor Sie mit der Benutzung beginnen, lesen Sie bitte das Dokument ALLGEMEINE GEBRAUCHSANWEISUNGEN FÜR AXIALKOLBENPUMPEN FÜR OFFENEN KREISLAUF sorgfältig durch.

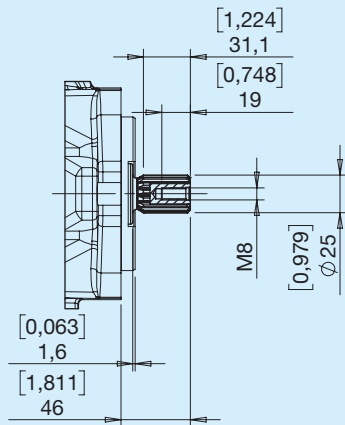


HPA5	Fördervolumen (th)		Oszillierend °	Dauerdruck		Intermittierender Druck		Spitzendruck		Drehzahl		Gewicht	
	cm ³	in ³		bar	psi	bar	psi	bar	psi	min ⁻¹	min ⁻¹	kg	lbs
72	72	4,39	19	280	4060	320	4640	350	5075	2500	500	24,5	54
80	80	4,89	15	250	3625	300	4350	320	4640	2400	500	24,5	54
90	90	5,50	17	250	3625	280	4060	300	4350	2300	500	24,5	54

B SAE B

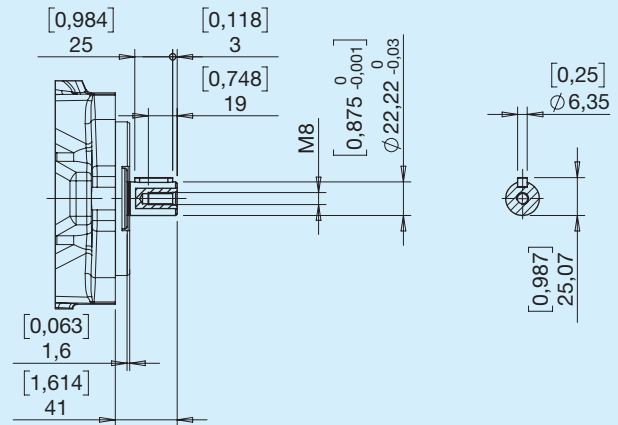


1 SAE 15T 16/32 DP



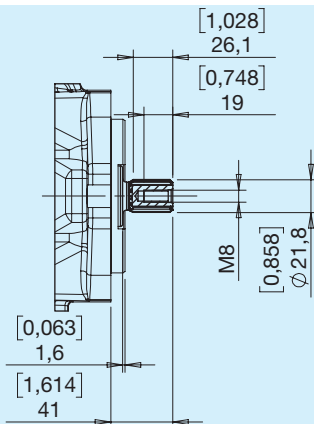
Max. Drehmoment 460 Nm

6 ZYLINDRISCH D22.22



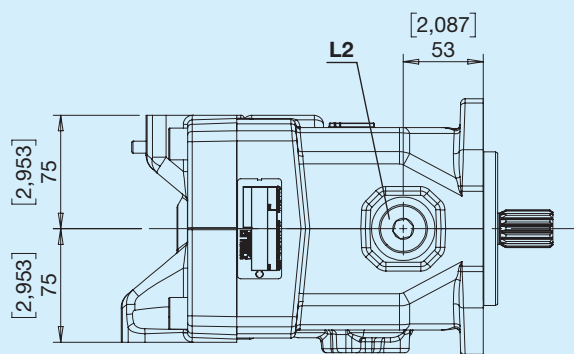
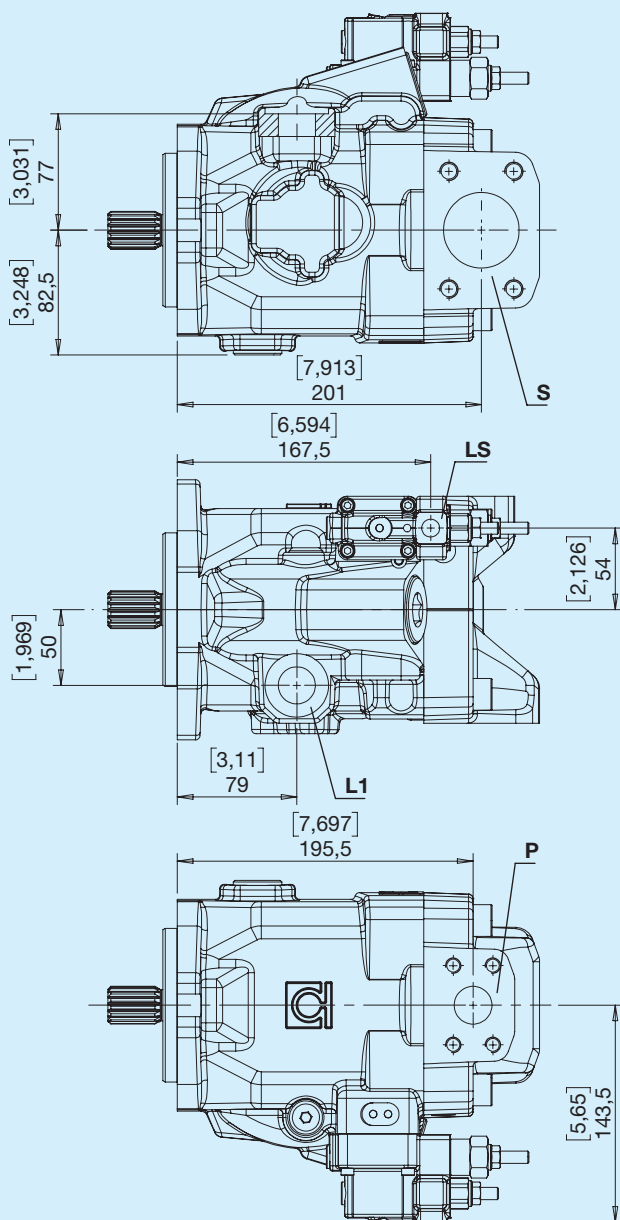
Max. Drehmoment 210 Nm

9 SAE 13T 16/32 DP

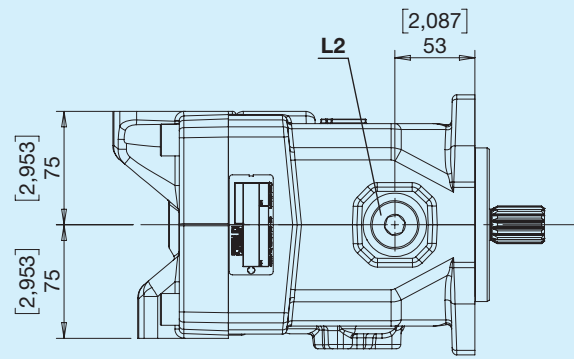
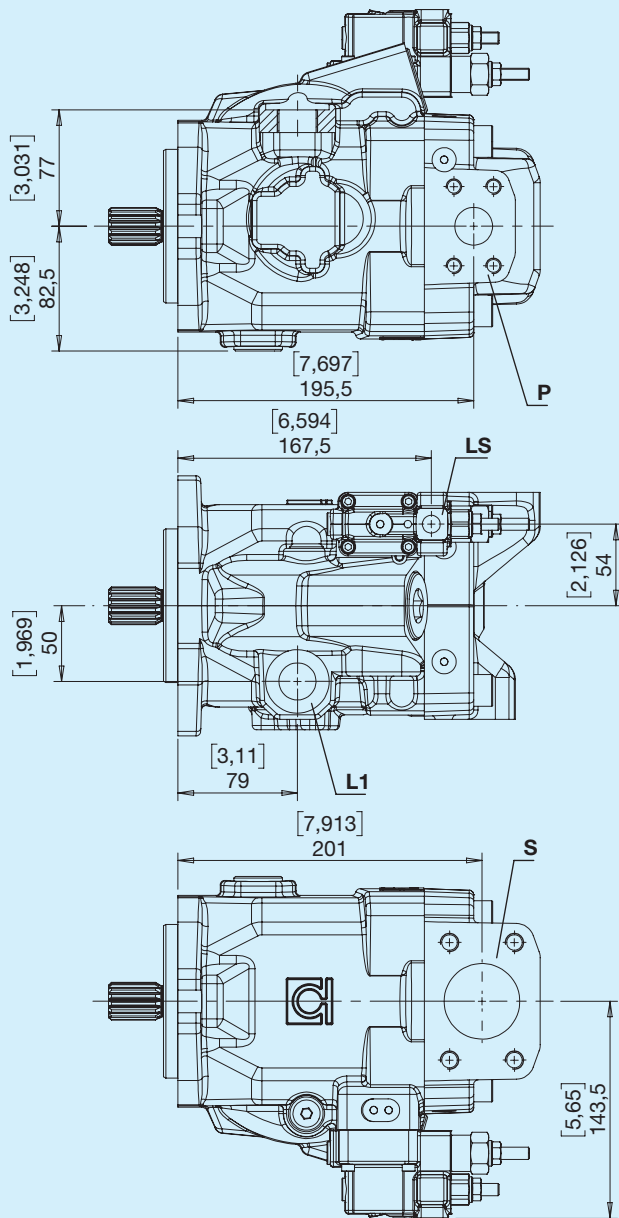


Max. Drehmoment 310 Nm

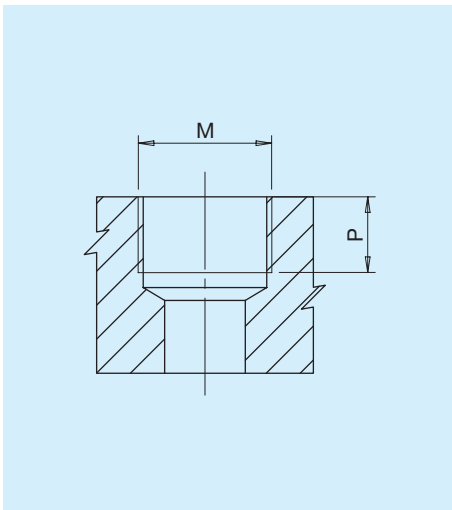
S **N** Seitliche Rechtslauf



S N Seitliche Linkslauf

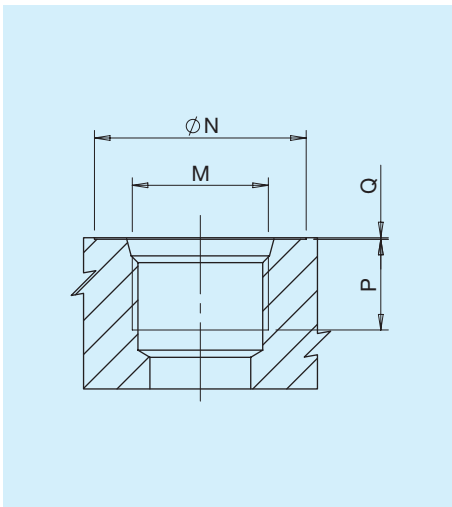


Typ G



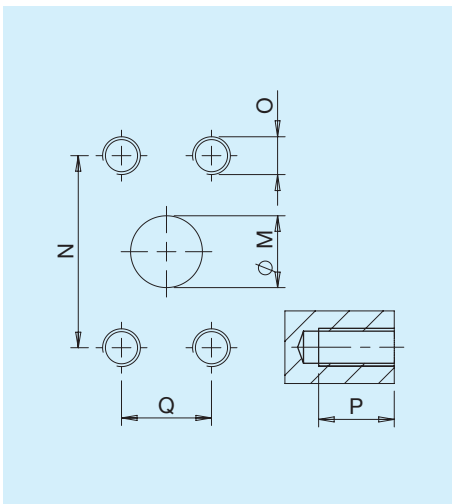
Typ	M		P	
		Nm	mm	in
G2	ANSCHLUSS ISO 1179-1 - G 1/4	17	14	0,55
G6	ANSCHLUSS ISO 1179-1 - G 3/4	90	23	0,91

Typ U



Typ	Maße	N		P		Q		M	
		mm	in	mm	in	mm	in		Nm
U2	1/4'	17	0,67	12	0,47	0,3	0,01	ANSCHLUSS ISO 11926- 1-7/16-20	17
U6	3/4'	42	1,65	20	0,79	0,3	0,01	ANSCHLUSS ISO 11926- 1-1 1/16-12	90

Typ N



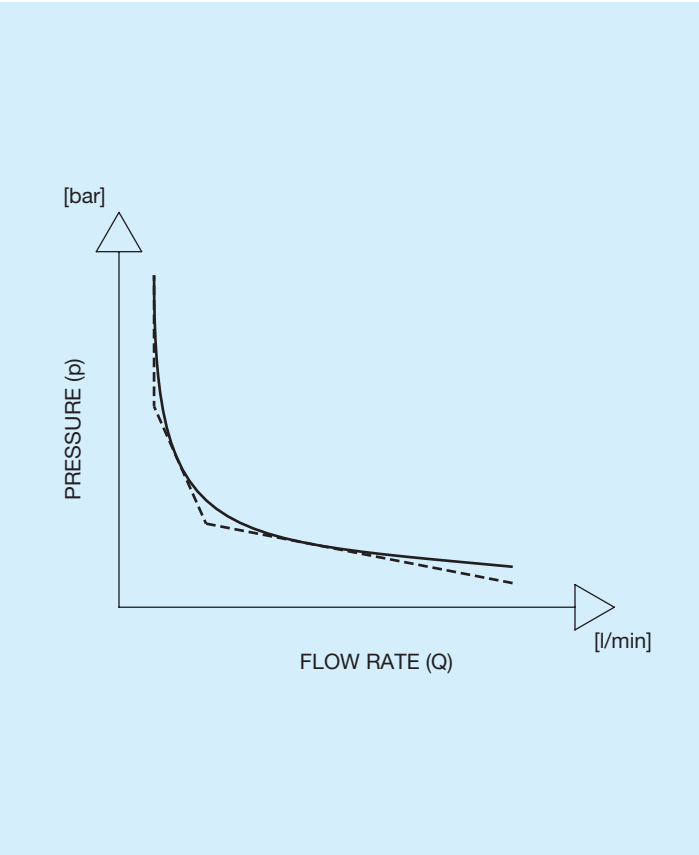
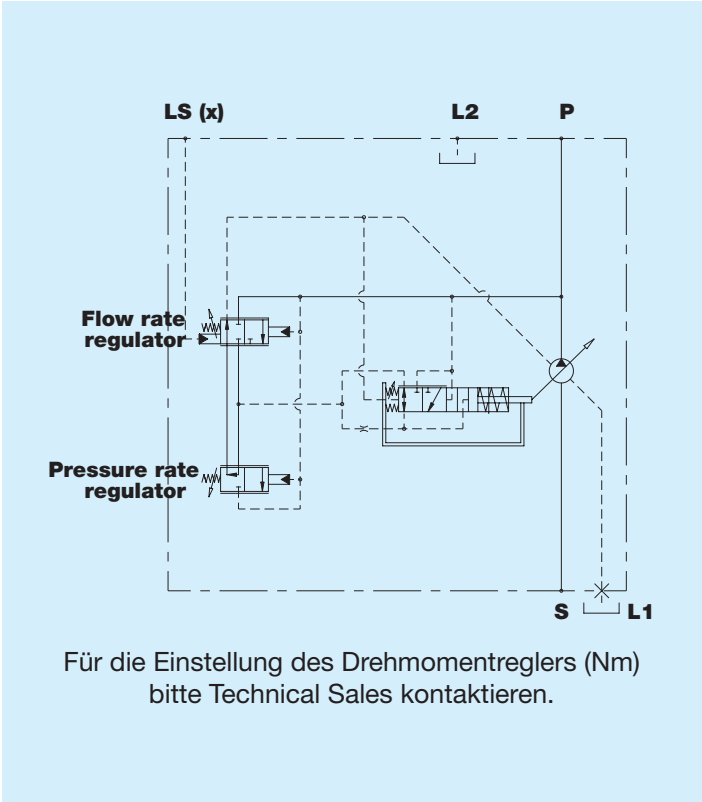
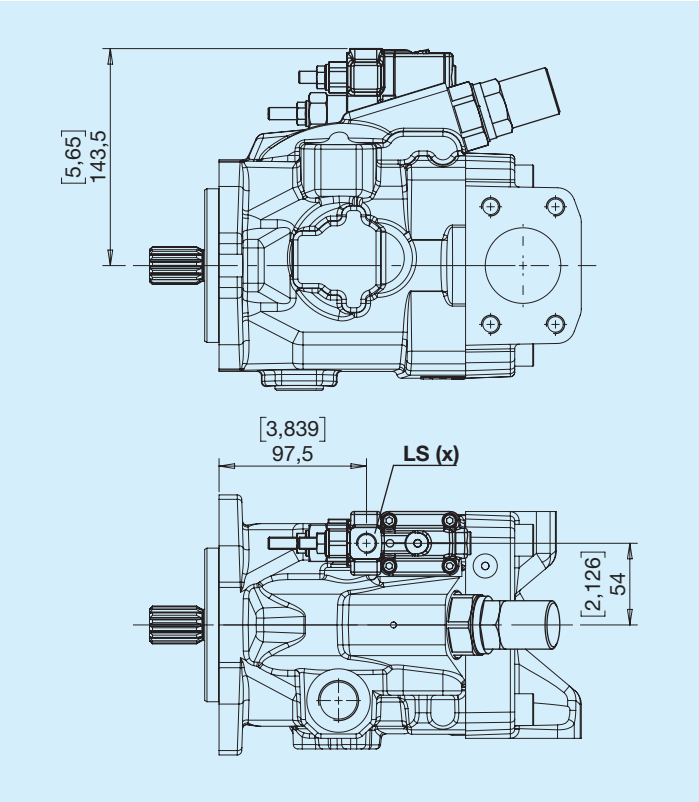
Typ	M		N		Q		P		O	
	mm	in	mm	in	mm	in	mm	in		Nm
N7	25	0,98	52,4	2,06	26,2	1,03	20	0,79	M10	38
N0	50	1,97	77,8	3,06	42,9	1,69	20	0,79	M12	70

Kombinationen

Typ	Ansaugung S	Druckseite A-B	Leckölanschluss L1-L2	Steuerung LS(x)
G	N0	N7	G6	G2
U	N0	N7	U6	U2

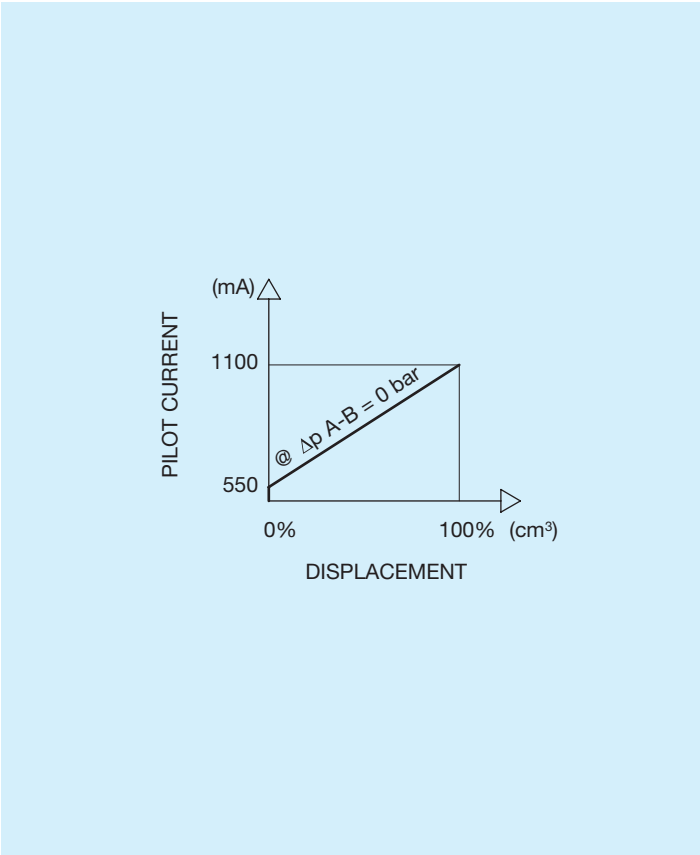
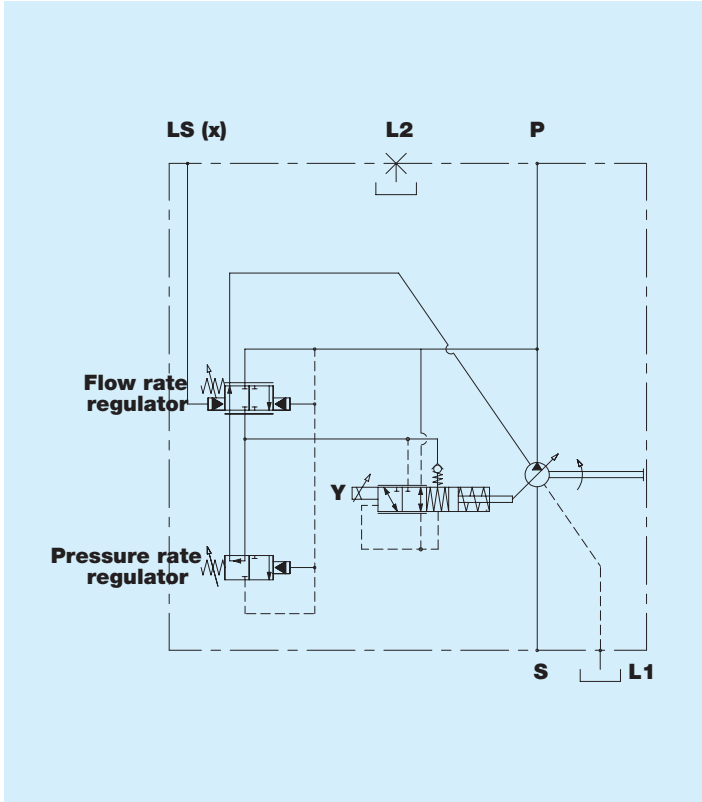
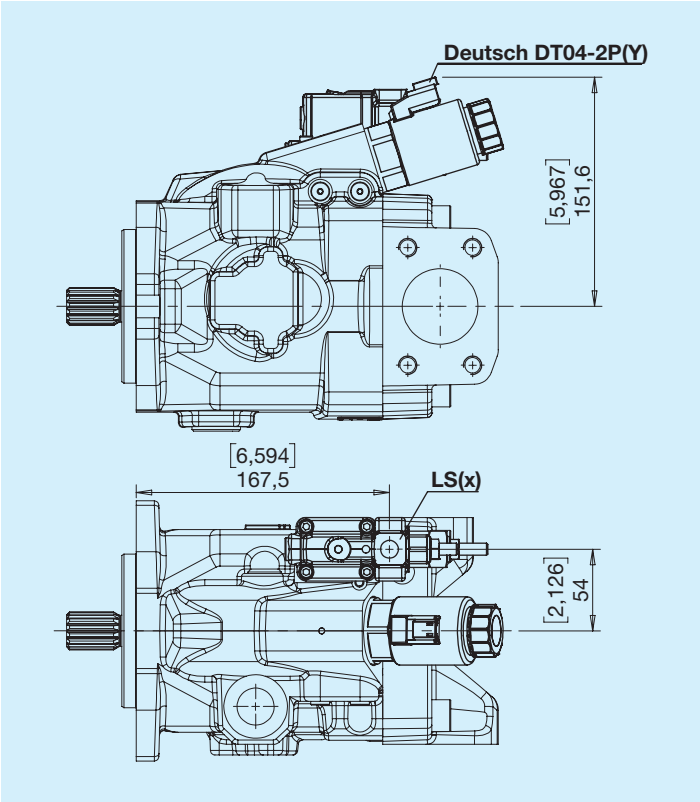
C

Drehmomentkonstantregelung



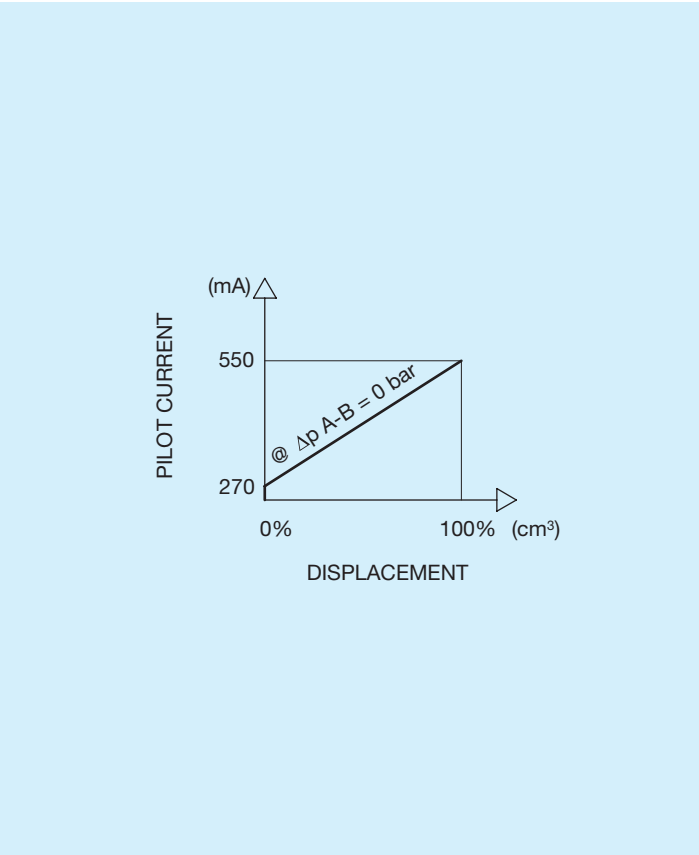
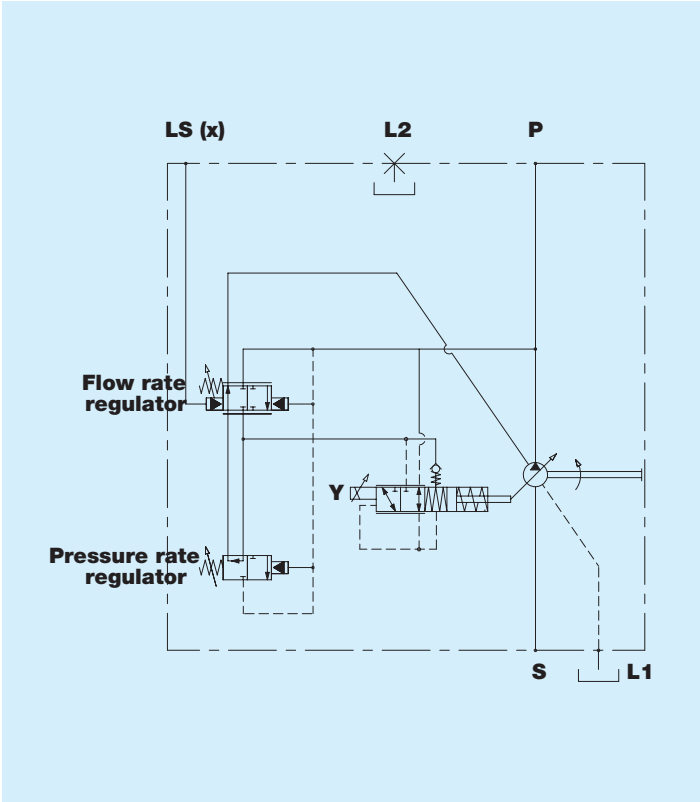
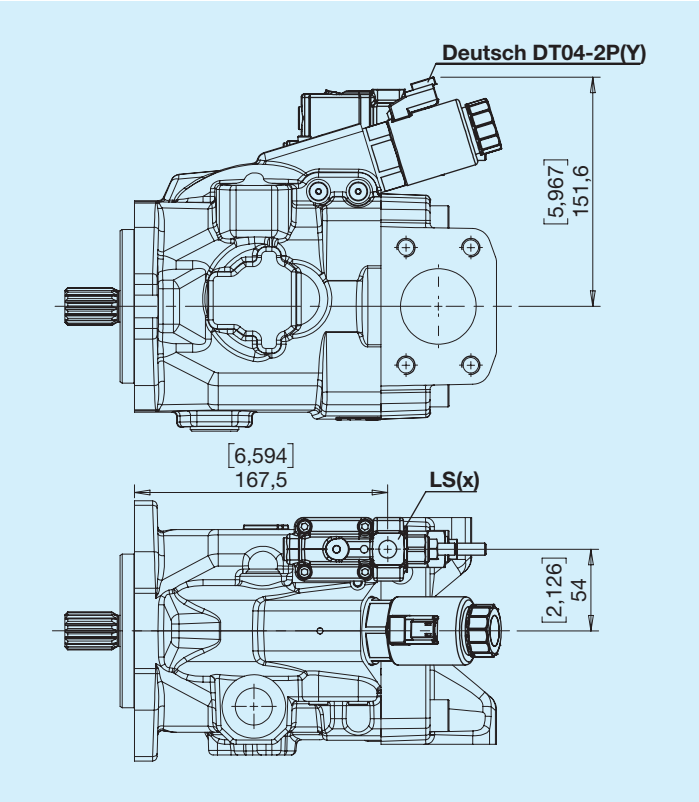
Betriebsdruck bar - psi	Druckdifferenz		
	14 bar - 203 psi	21 bar - 305 psi	25 bar - 363 psi
180 - 2610	A	B	C
210 - 3045	E	F	G
250 - 3625	I	L	M
280 - 4060	O	P	Q
320 - 4640	S	T	U
350 - 5075	Z	X	Y

E Elektroproportional 12 V +



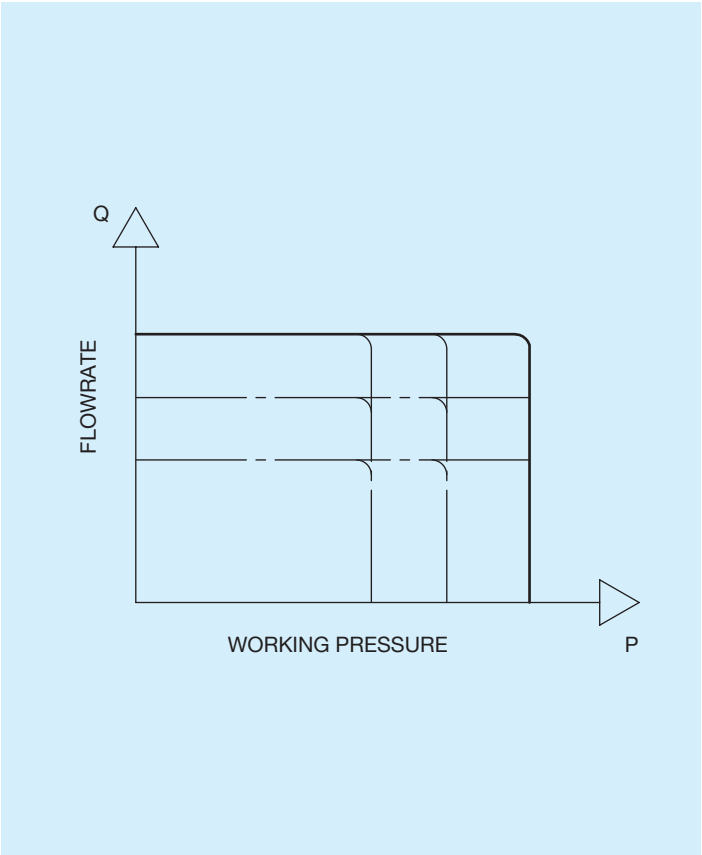
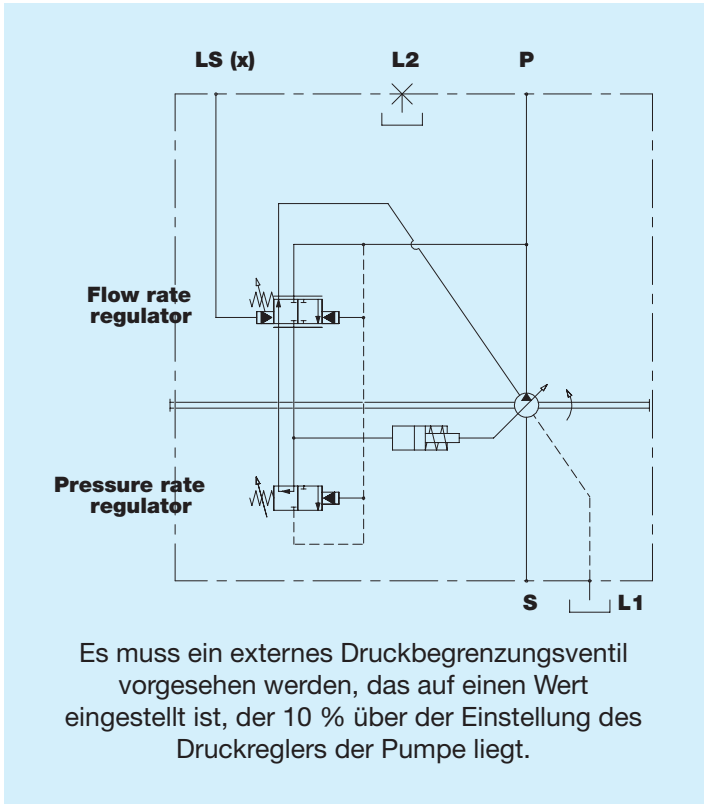
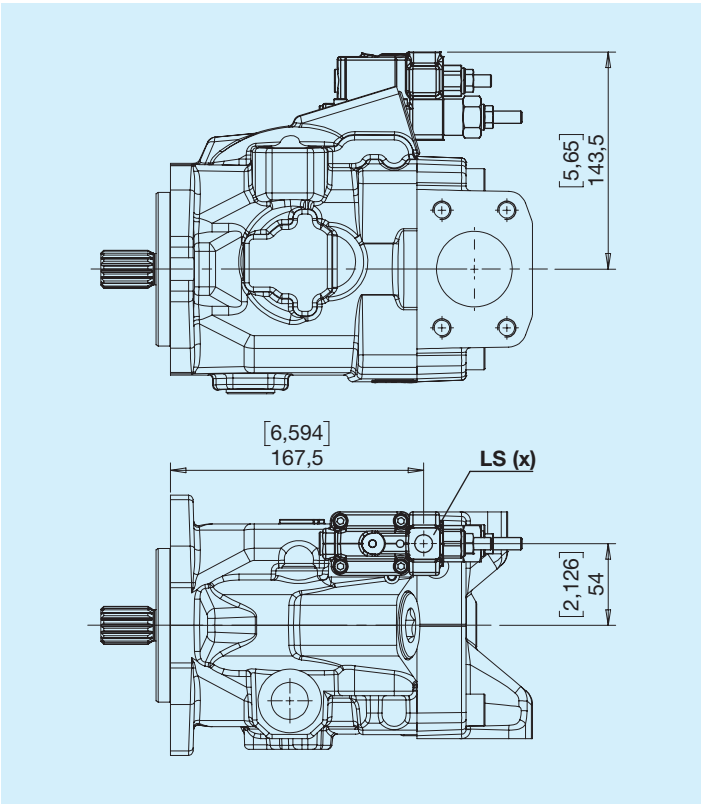
Betriebsdruck bar - psi	Druckdifferenz		
	14 bar - 203 psi	21 bar - 305 psi	25 bar - 363 psi
180 - 2610	A	B	C
210 - 3045	E	F	G
250 - 3625	I	L	M
280 - 4060	O	P	Q
320 - 4640	S	T	U
350 - 5075	Z	X	Y

F Elektroproportional 24 V +



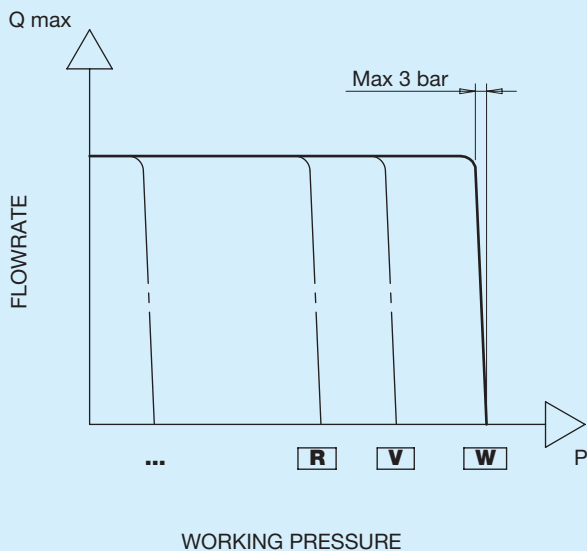
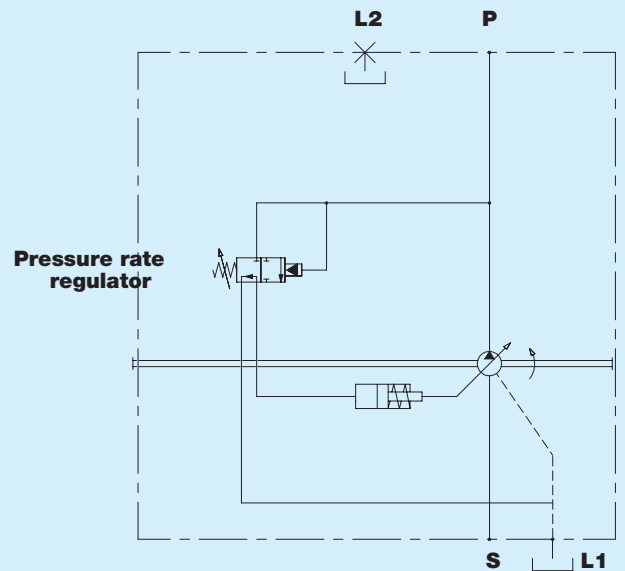
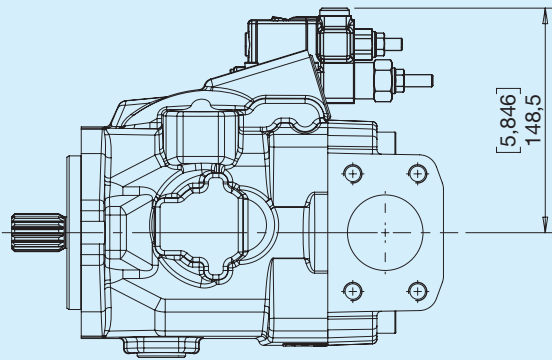
Betriebsdruck bar - psi	Druckdifferenz		
	14 bar - 203 psi	21 bar - 305 psi	25 bar - 363 psi
180 - 2610	A	B	C
210 - 3045	E	F	G
250 - 3625	I	L	M
280 - 4060	O	P	Q
320 - 4640	S	T	U
350 - 5075	Z	X	Y

L hydraulisches LS



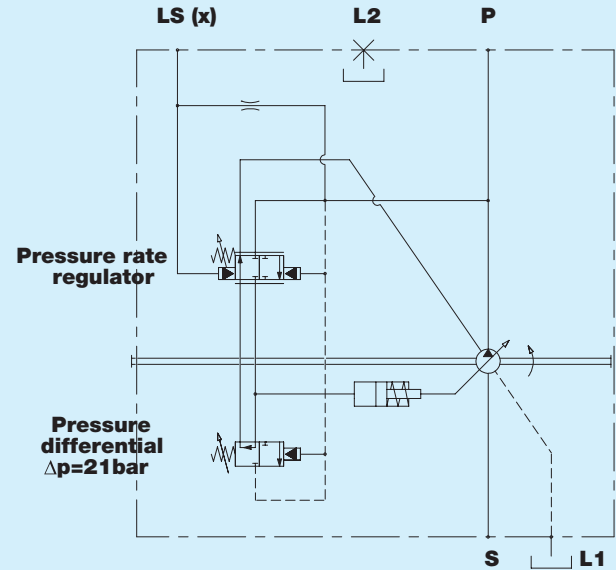
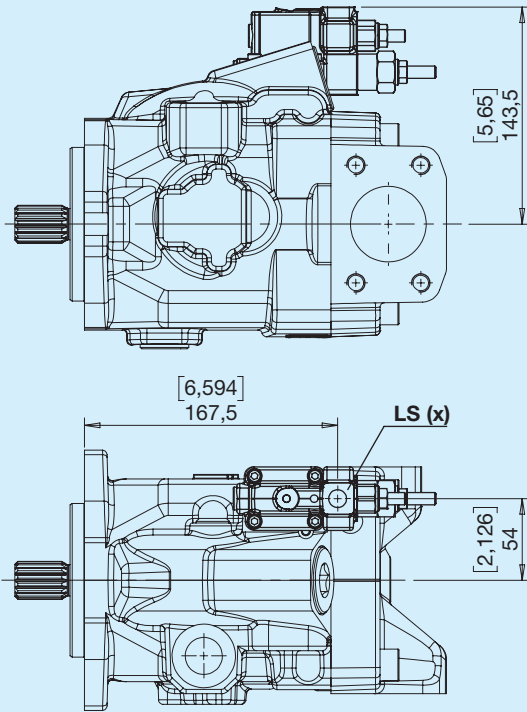
Betriebsdruck bar - psi	Druckdifferenz		
	14 bar - 203 psi	21 bar - 305 psi	25 bar - 363 psi
180 - 2610	A	B	C
210 - 3045	E	F	G
250 - 3625	I	L	M
280 - 4060	O	P	Q
320 - 4640	S	T	U
350 - 5075	Z	X	Y

P Konstantdruckregler

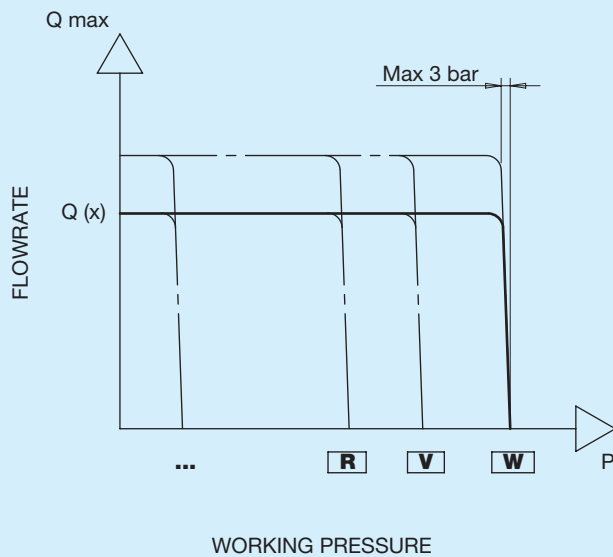


Code	Betriebsdruck
Druckdifferenz 21 bar	bar - psi
D	180 - 2610
H	210 - 3045
N	250 - 3625
R	280 - 4060
V	320 - 4640
W	350 - 5075

R Ferngesteuerter Druckregler

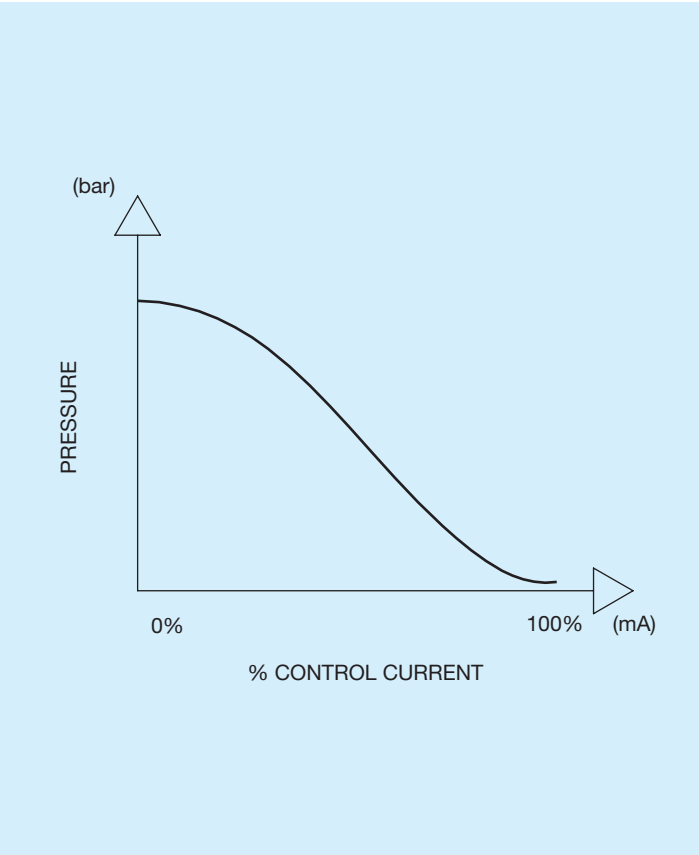
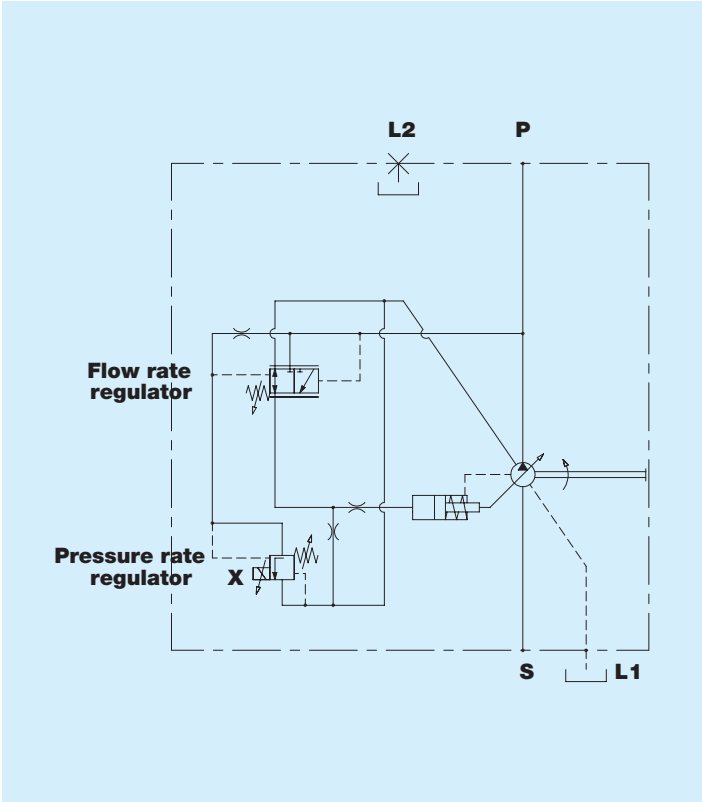
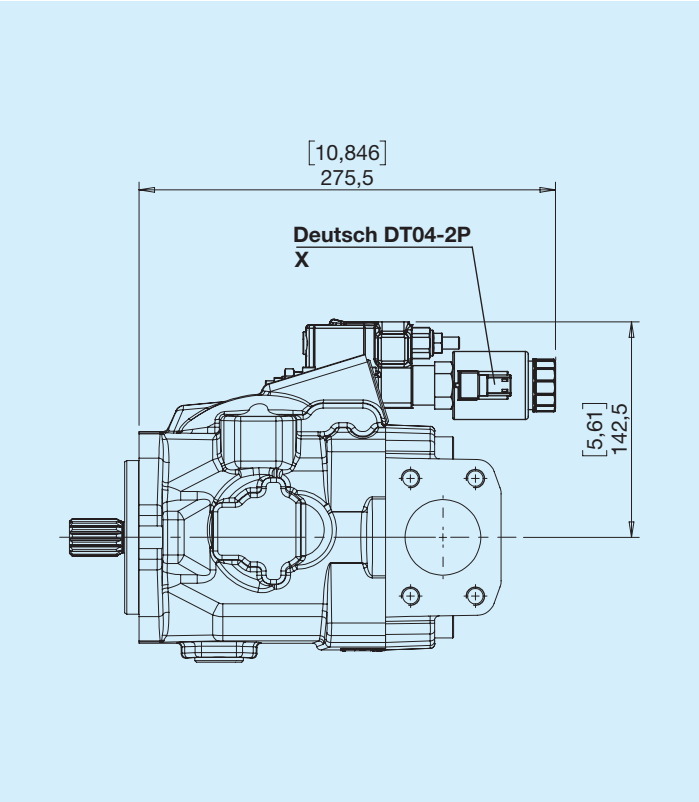


Druckbegrenzungsventil nicht mitgeliefert



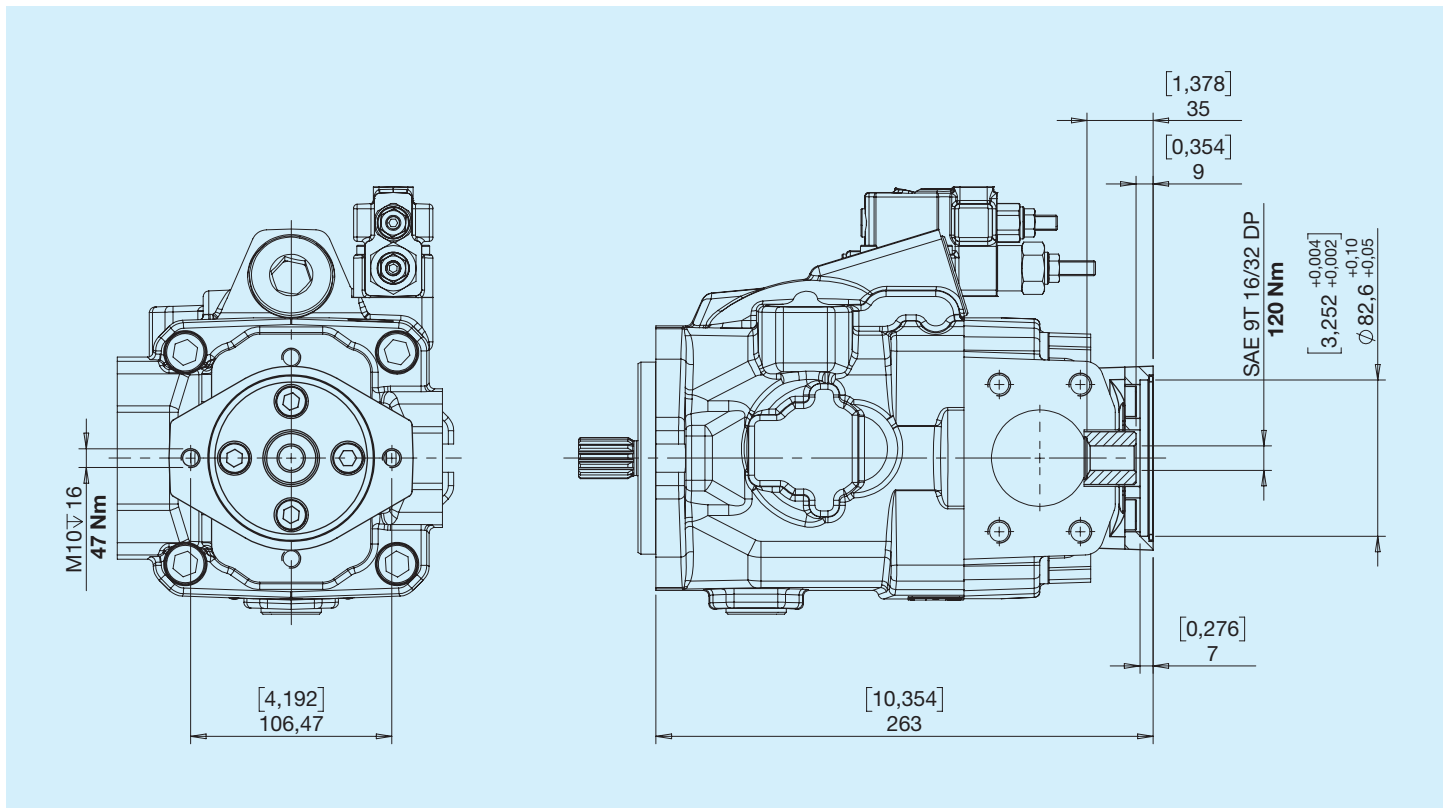
Code	Betriebsdruck
Druckdifferenz 21 bar	bar - psi
D	180 - 2610
H	210 - 3045
N	250 - 3625
R	280 - 4060
V	320 - 4640
W	350 - 5075

S Fan Drive

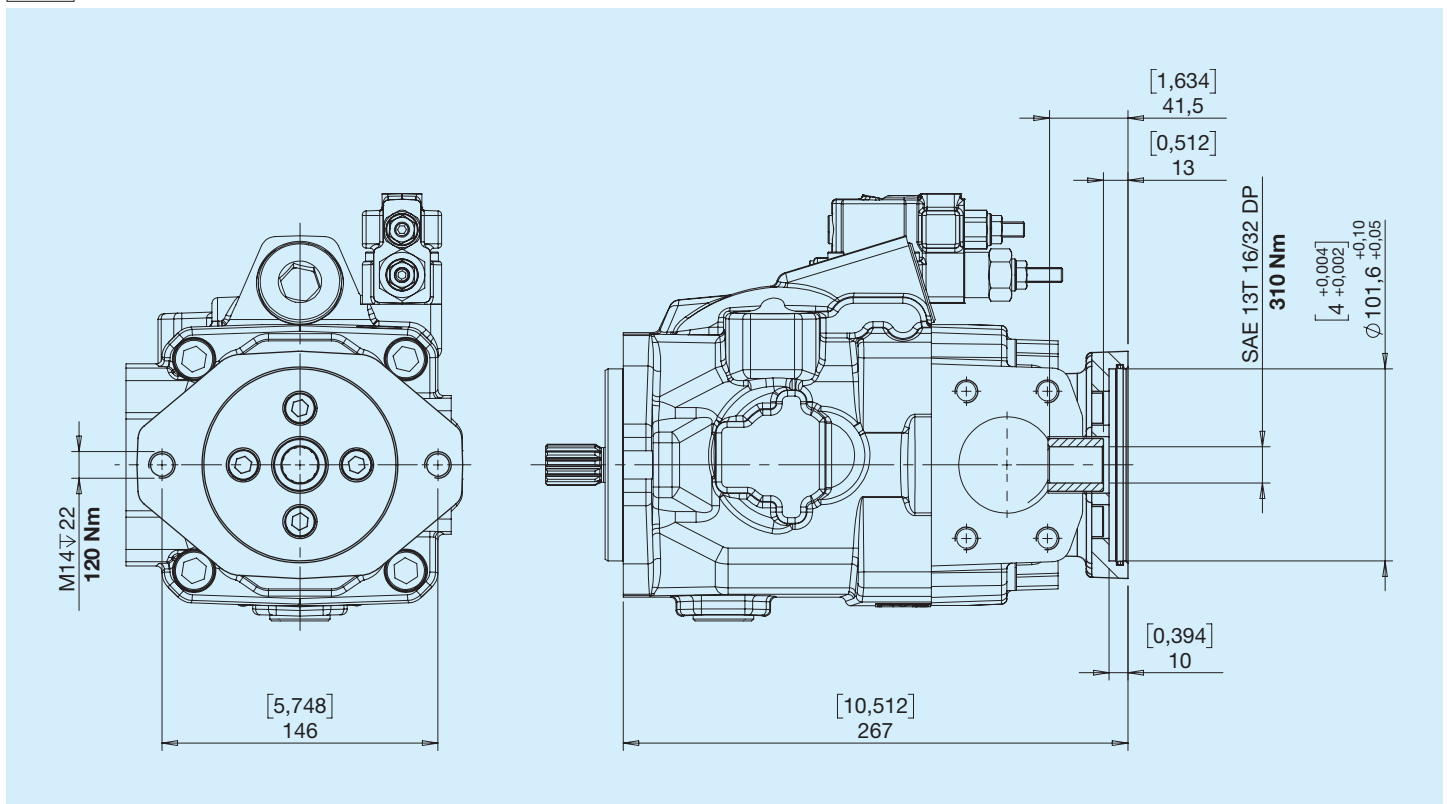


Betriebsdruck bar - psi	Druckdifferenz		
	14 bar - 203 psi	21 bar - 305 psi	25 bar - 363 psi
180 - 2610	A	B	C
210 - 3045	E	F	G
250 - 3625	I	L	M
280 - 4060	O	P	Q
320 - 4640	S	T	U
350 - 5075	Z	X	Y

5 SAE A



6 SAE B



	1	2	3	4	5	6	7	8	9	10	11	12	13
HPA5													
1 2	Hubraum												
	72				80				90				
3	Drehrichtung												
	R Rechts				L Links								
4	Flansche												
	B SAE B												
5	Wellenenden												
	1 SAE 15T 16/32 DP				6 ZYLINDRISCH D22.22				9 SAE 13T 16/32 DP				
6	Anschlusstyp												
	S Seitliche SAE-Gas-Anschlüsse						N Seitliche SAE-Unf-Anschlüsse						
7	Steuerungen												
	C Drehmomentkonstantregelung				F Elektroproportional 24 V + hydraulisches LS				P Konstantdruckregler				S Fan Drive
	E Elektroproportional 12 V + hydraulisches LS				L Hydraulischer LS-Druck-/Durchflussregler				R Ferngesteuerter Druckregler				
8	Sollwerte Steuerungen												
	... Siehe entsprechende Tabellen												
9	Vorrüstungen												
	0 Keine Vorrüstung				5 SAE A				6 SAE B				
10	Zubehör												
	0 Keine Option				O Drucksensor				S Mehrfach-Zubehör				
	A Winkelsensor				P Lackierung								
11 12 13	Sonderausführungen												
	...												