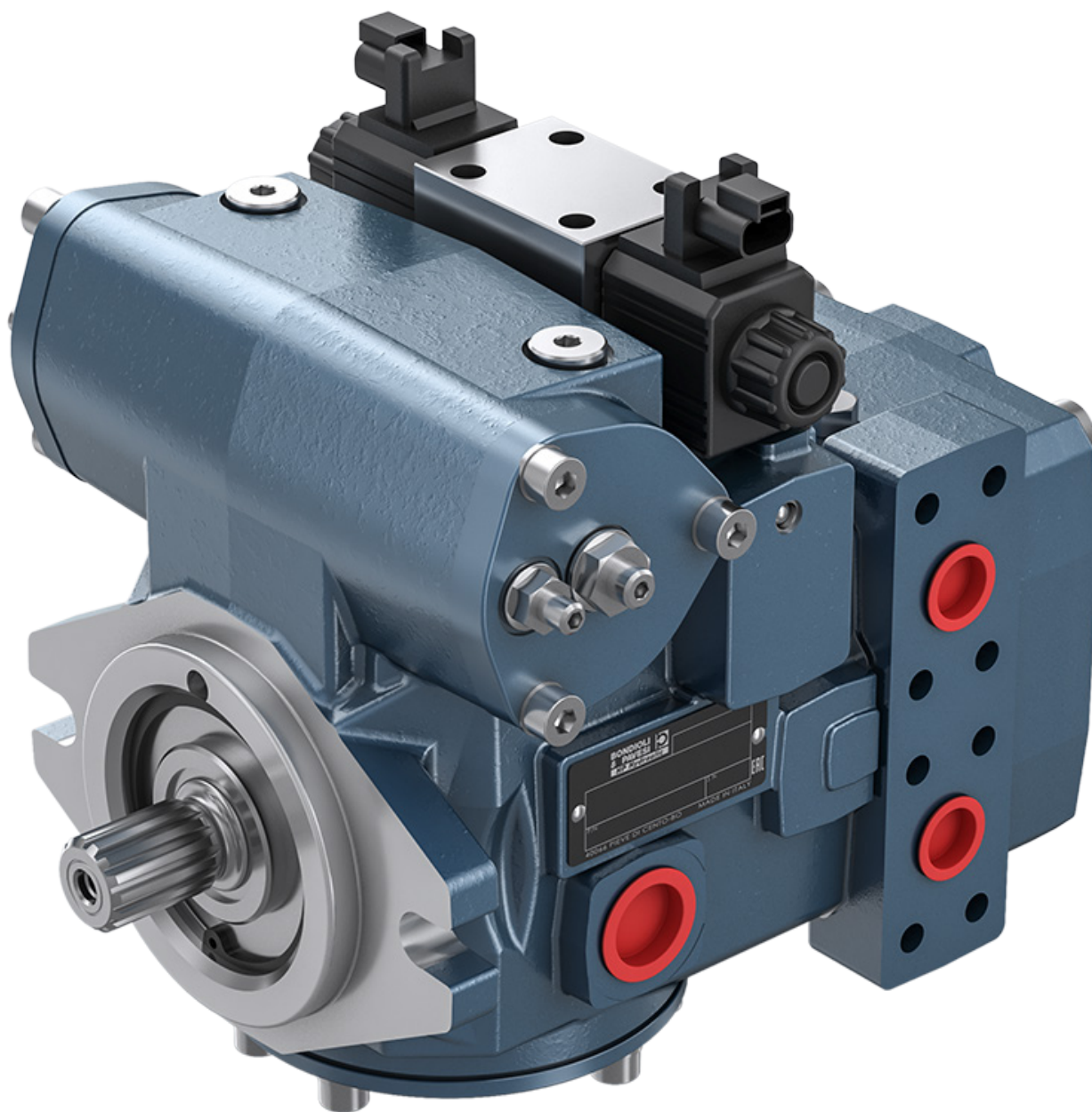
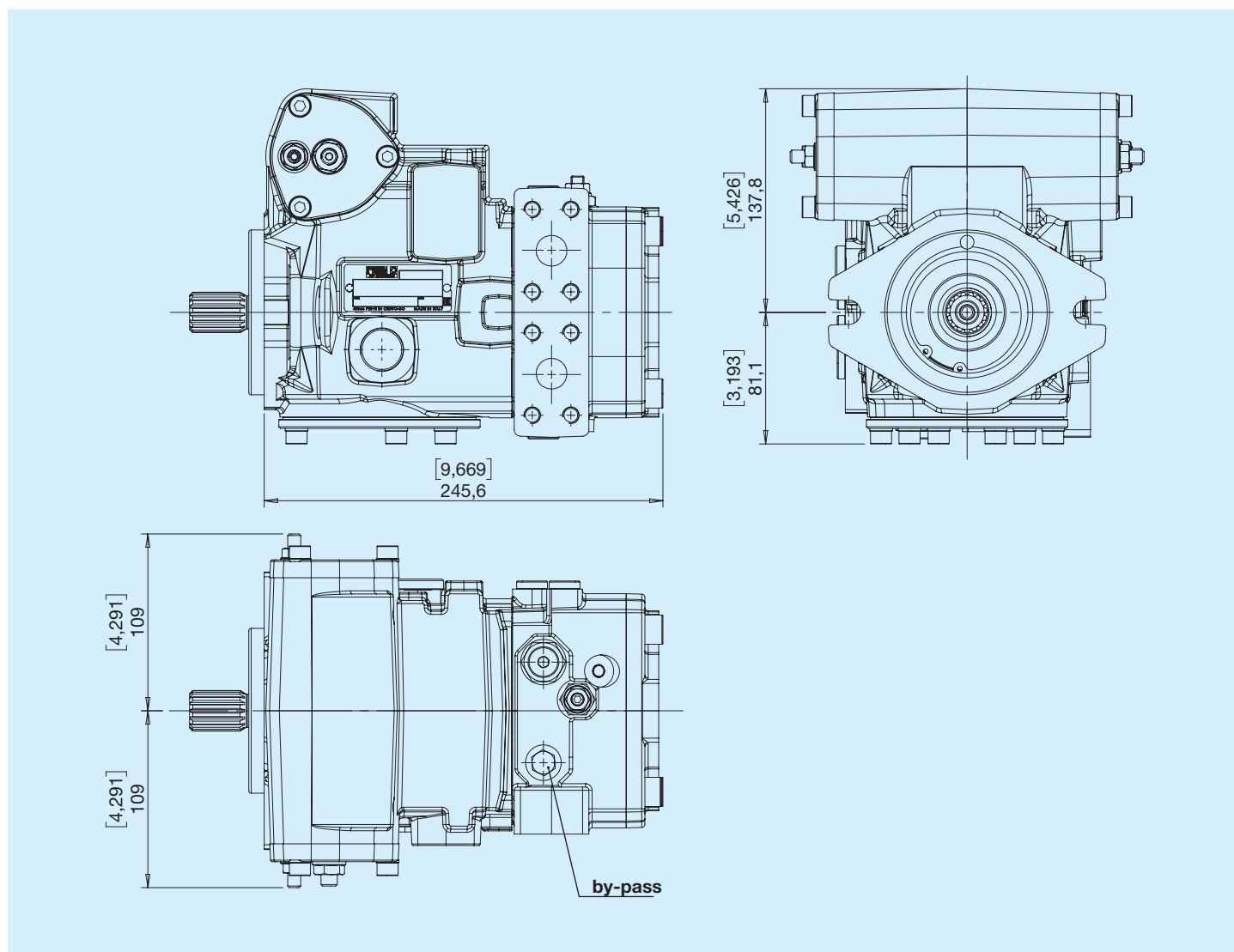


Pompe a cilindrata variabile



Prima di iniziare l'utilizzo leggere attentamente il documento ISTRUZIONI GENERALI D'IMPIEGO POMPE E MOTORI A PISTONI ASSIALI PER CIRCUITO CHIUSO.

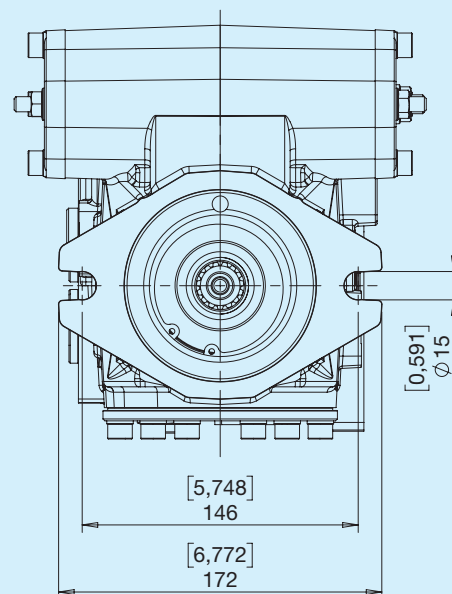
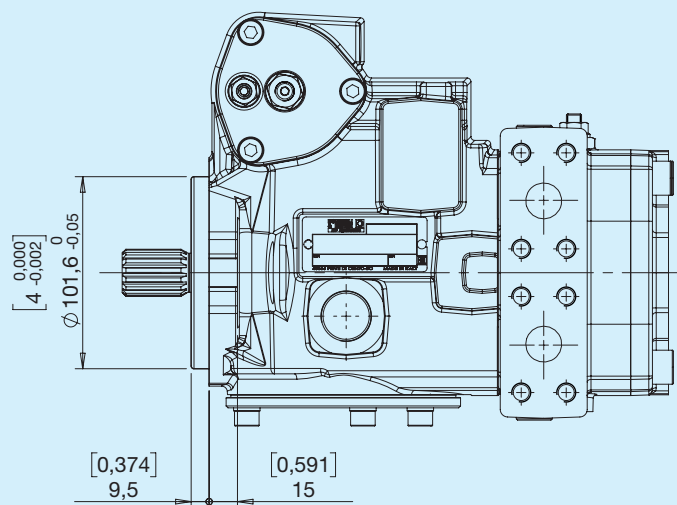


HPP5	Cilindrata teorica		Oscillante	Pressione Continua		Pressione intermittente		Pressione picco		Velocità di rotazione		Massa	
	cm ³	in ³		bar	psi	bar	psi	bar	psi	min ⁻¹	min ⁻¹	kg	lbs
046	46	2,81	18	420	6091	450	6525	480	6960	3800	500	32	70,5
056	56	3,42	17,5	400	5801	430	6236	460	6672	3600	500	35	77,1

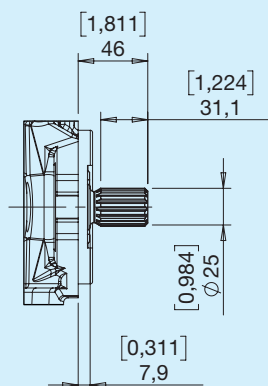
Pompa di alimentazione

Tipo	Cilindrata pompa di alimentazione		Pressione	
	cm ³	in ³	bar	psi
HPP5	14	0,85	22	319

B SAE B

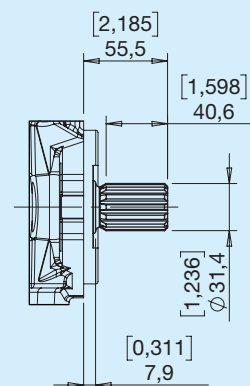


1 SAE 15T 16/32 DP

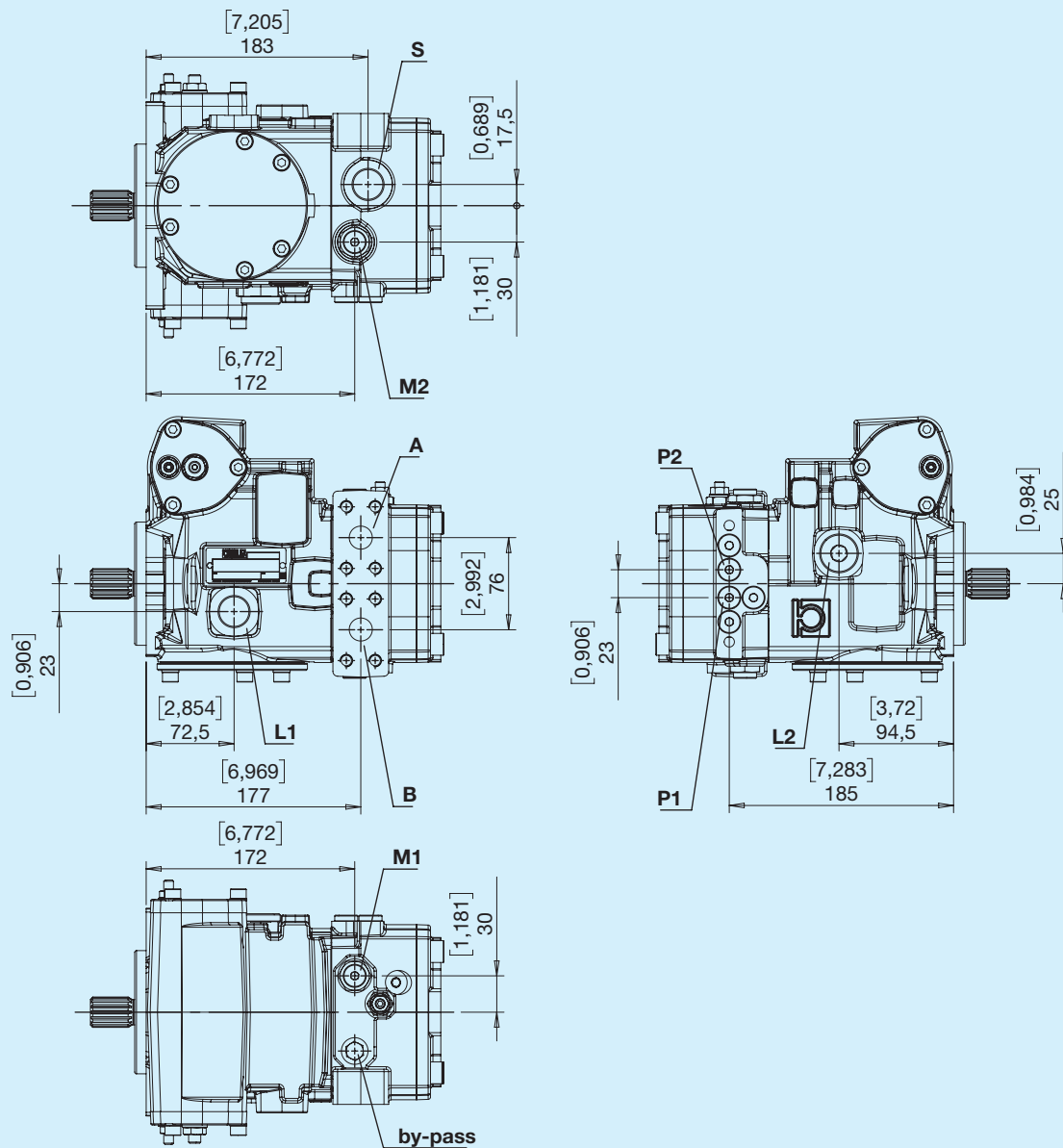


Coppia Max 460 Nm

3 SAE 14T 12/24 DP



Coppia Max 850 Nm



A,B - Utilizzo

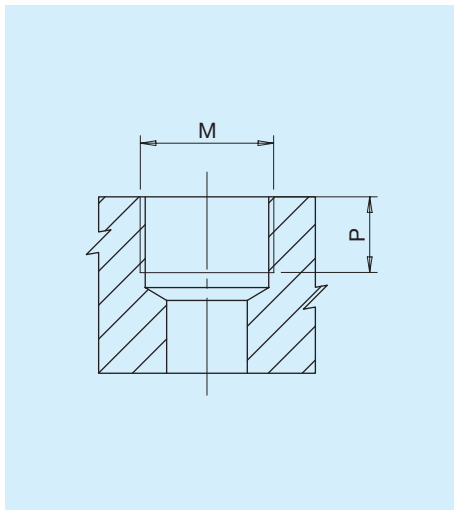
L1, L2 - Drenaggio

S - Aspirazione

P1, P2 - Presa pressione

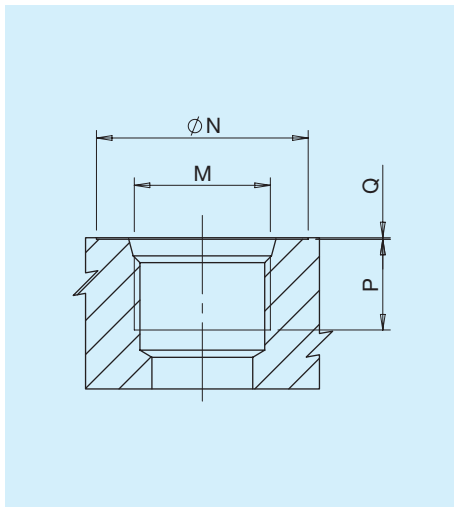
M1, M2 - Presa manometro

Tipo G



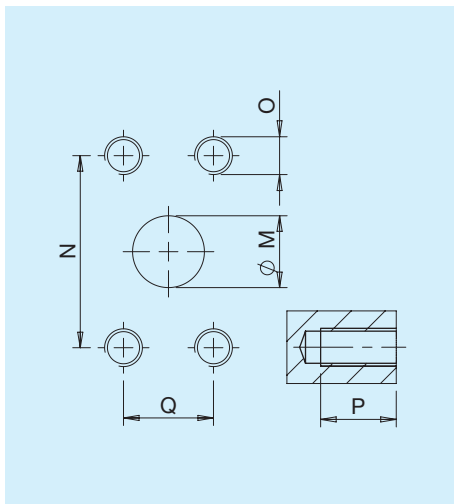
Tipo	M		P	
		Nm	mm	in
G2	Port ISO 1179-1 - G 1/4	17	12	0,47
G6	Port ISO 1179-1 - G 3/4	90	15	0,59

Tipo U



Tipo	Dim.	N		P		Q		M	Nm
		mm	in	mm	in	mm	in		
U2	1/4"	20	0,79	12	0,47	0,3	0,01	Port ISO 11926-1-7/16-20	17
U6	3/4"	42	1,65	18	0,70	0,3	0,01	Port ISO 11926-1-1 1/16-12	90

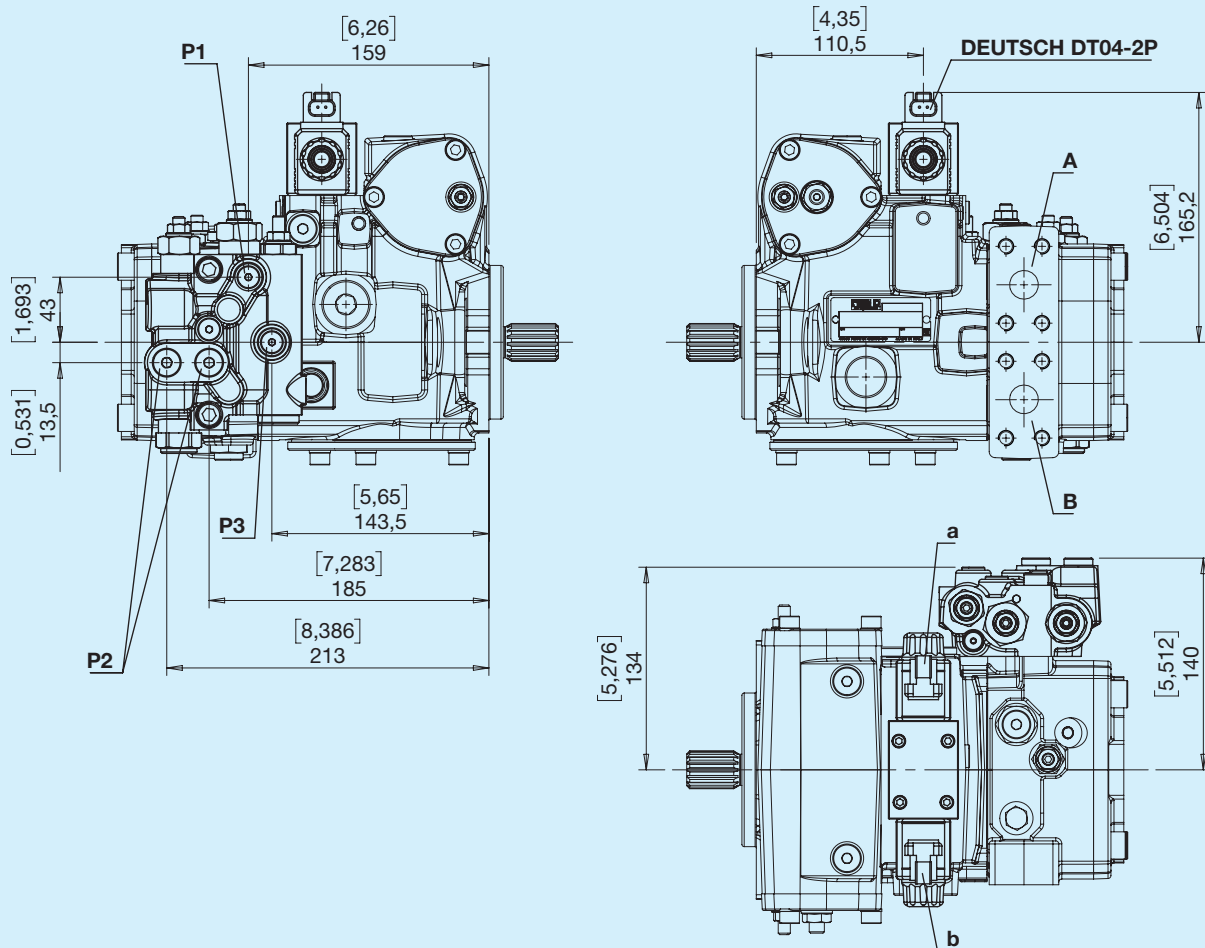
Tipo N



Tipo	M		N		Q		P		O	Nm
	mm	in	mm	in	mm	in	mm	in		
N6	19	0,75	50,8	2	23,8	0,94	20	0,79	M10	38

Combinazioni

Tipo	Aspirazione S	Mandata A-B	Drenaggio L1-L2	Pilotaggio a-b	Prese Pressione P1 - P2	Prese Manometro M1 - M2
N	G6	N6	G6	G2	G2	G2
M	U6	N6	U6	U2	G2	U2

A Automotive

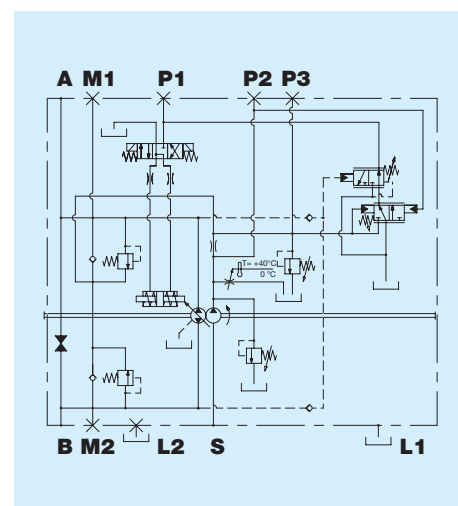
Disponibile a richiesta con connettori DIN 43650

Mandata

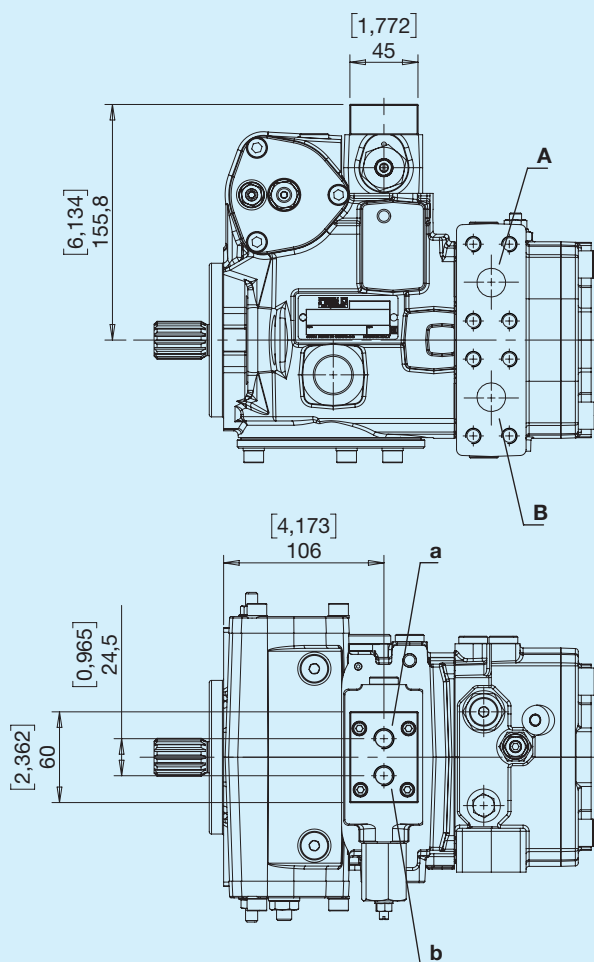
Rotazione	Solenoide in tensione	Mandata
Destra	a	A
Destra	b	B
Sinistra	a	B
Sinistra	b	A

P1, P3 - Presa pressione G 1/8
P2 - Presa pressione G 1/4

Schema idraulico



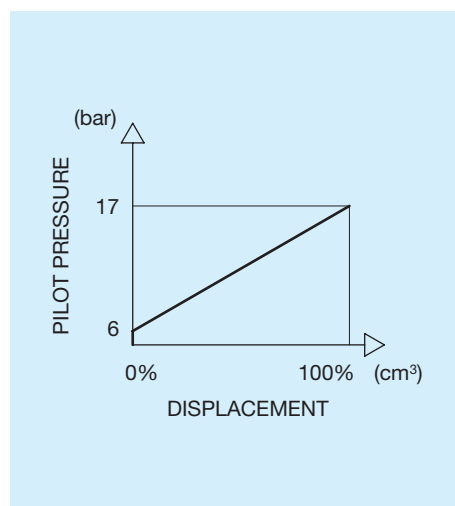
G Idraulico retroazionato



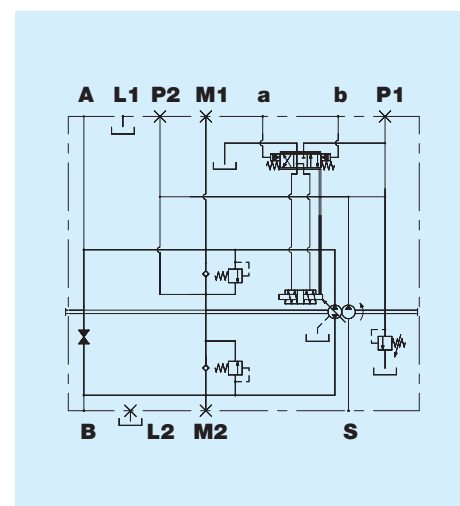
Mandata

Rotazione	Pilotaggio	Mandata
Destra	a	B
Destra	b	A
Sinistra	a	A
Sinistra	b	B

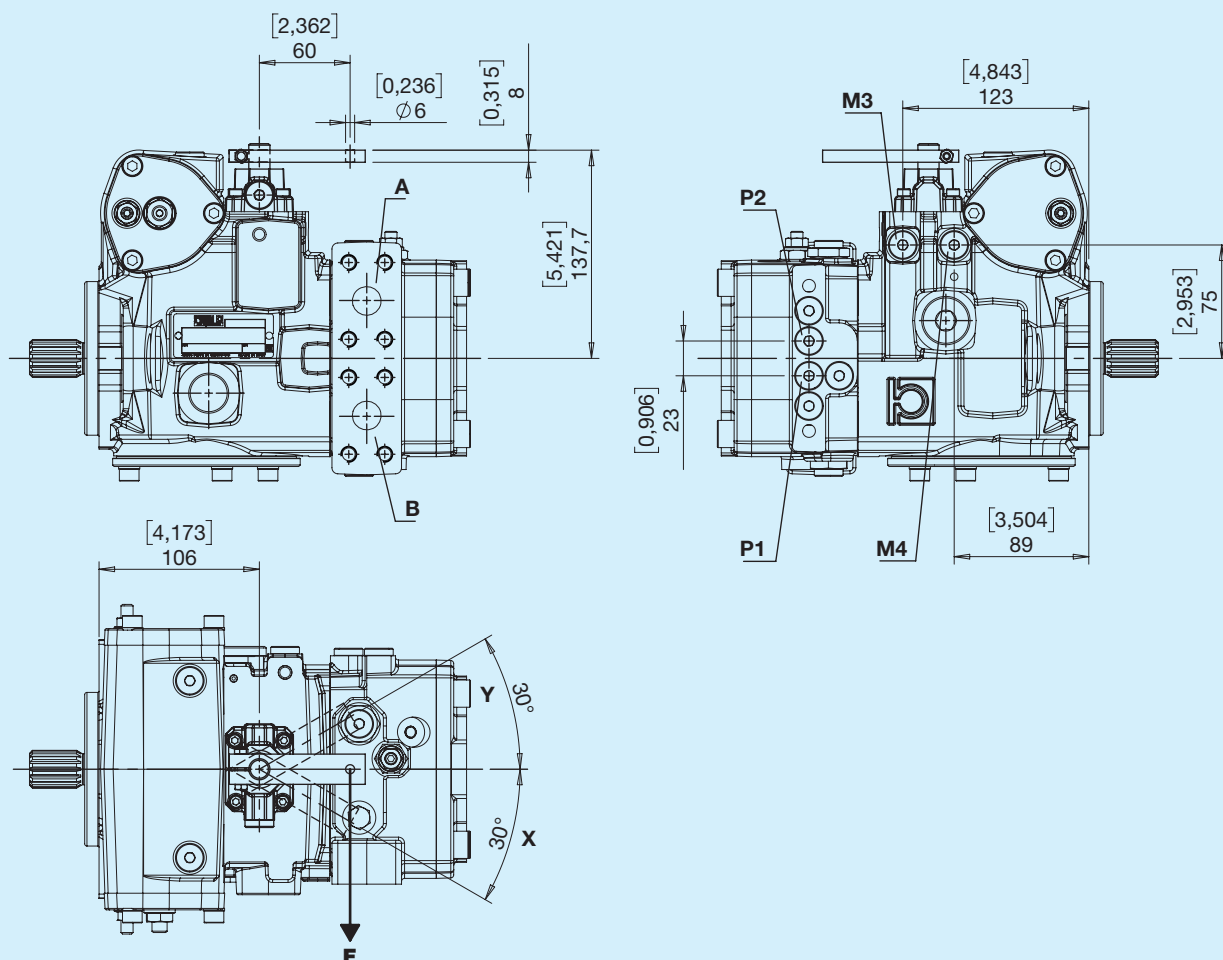
Pilotaggio



Schema idraulico



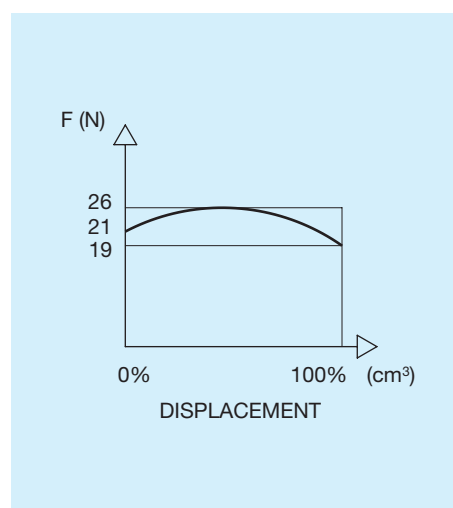
I Idraulico a leva



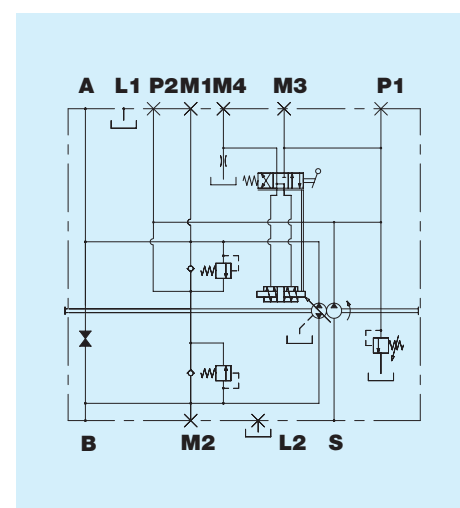
Mandata

Rotazione	Leva comando	Mandata
Destra	Y	B
Destra	X	A
Sinistra	Y	A
Sinistra	X	B

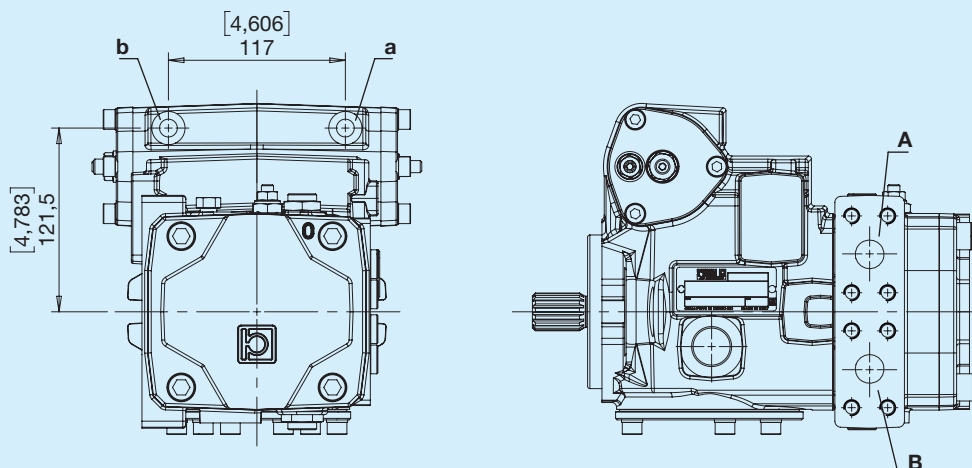
Pilotaggio



Schema idraulico



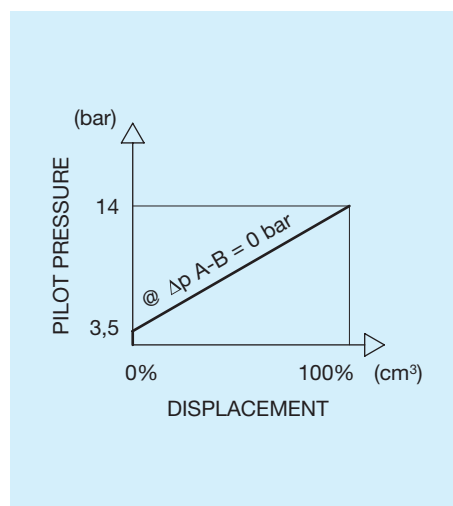
K Idraulico diretto



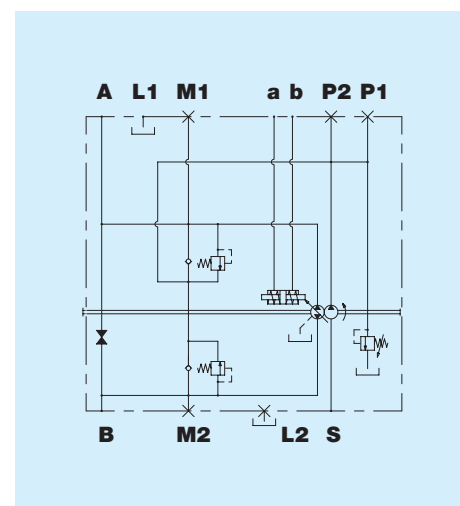
Mandata

Rotazione	Pilotaggio	Mandata
Destra	a	A
Destra	b	B
Sinistra	a	B
Sinistra	b	A

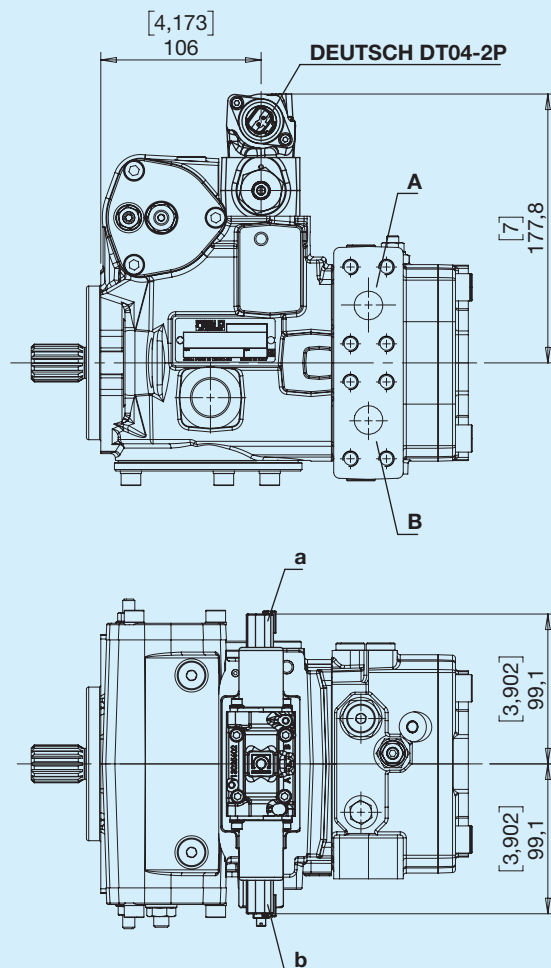
Pilotaggio



Schema idraulico



O Elettrico proporzionale retroazionato 12V



Disponibile a richiesta con connettori DIN 43650

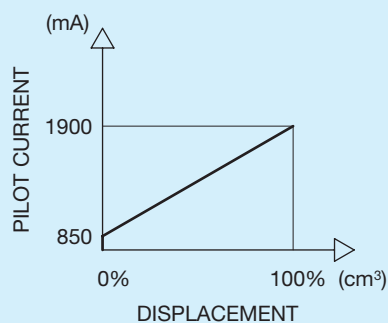
Mandata

Rotazione	Solenoide in tensione	Mandata
Destra	a	B
Destra	b	A
Sinistra	a	A
Sinistra	b	B

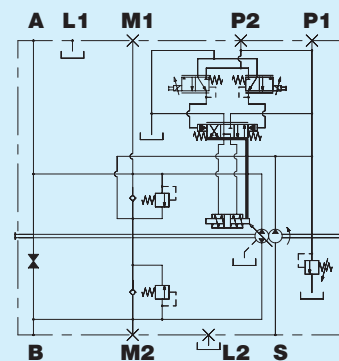
Controllo

Tensione nominale	12	V
Corrente min (I1)	300	mA
Corrente max (I2)	1500	mA
Frequenza PWM	100	Hz

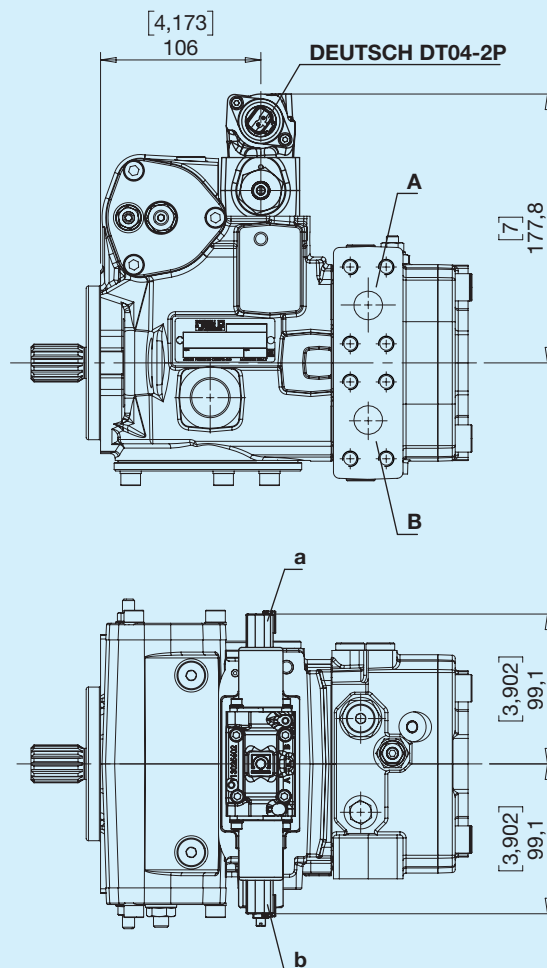
Pilotaggio



Schema idraulico



V Elettrico proporzionale retroazionato 24V



Disponibile a richiesta con connettori DIN 43650

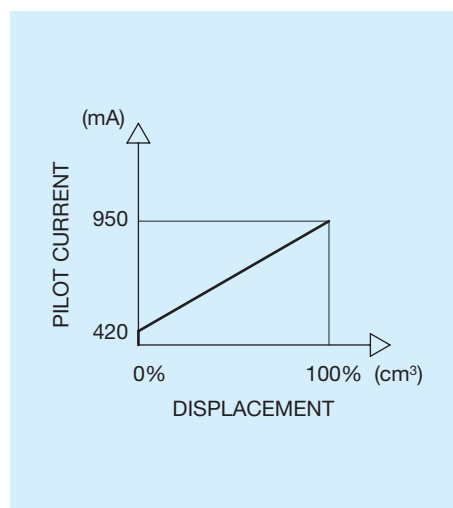
Mandata

Rotazione	Solenoide in tensione	Mandata
Destra	a	B
Destra	b	A
Sinistra	a	A
Sinistra	b	B

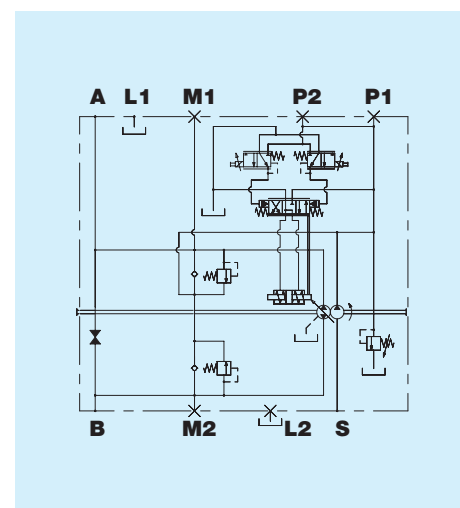
Controllo

Tensione nominale	24	V
Corrente min (I1)	180	mA
Corrente max (I2)	850	mA
Frequenza PWM	100	Hz

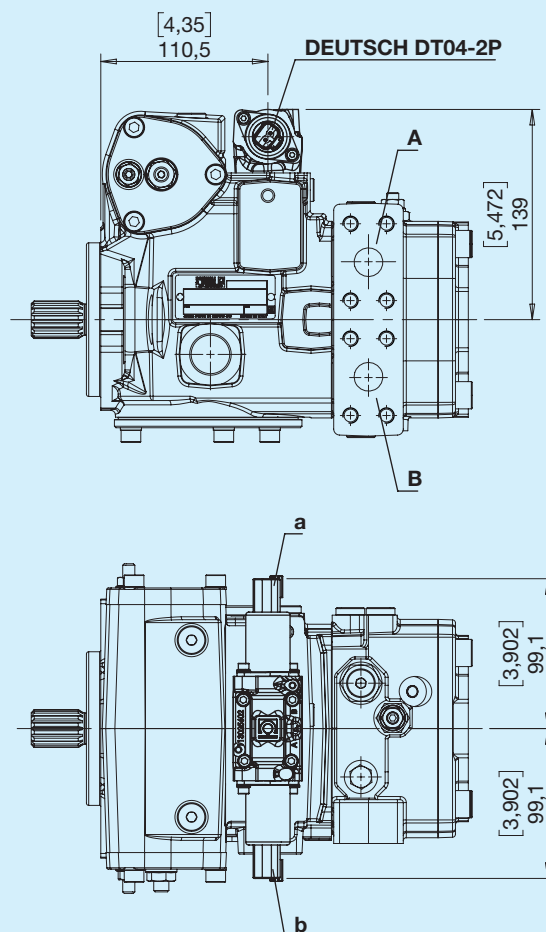
Pilotaggio



Schema idraulico



S Elettrico proporzionale diretto 12 V



Disponibile a richiesta con connettori AMP JUNIOR

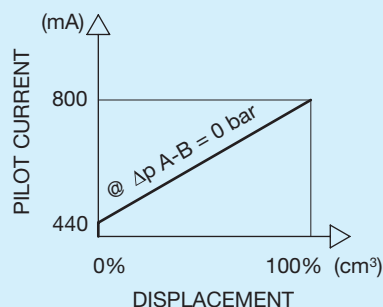
Mandata

Rotazione	Solenoide in tensione	Mandata
Destra	a	A
Destra	b	B
Sinistra	a	B
Sinistra	b	A

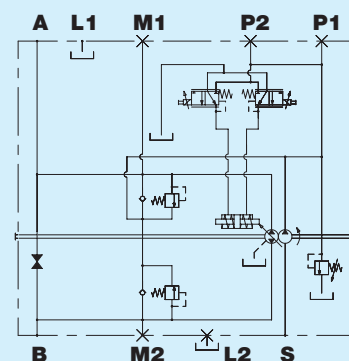
Controllo

Tensione nominale	12	V
Corrente min (I1)	300	mA
Corrente max (I2)	1500	mA
Frequenza PWM	100	Hz

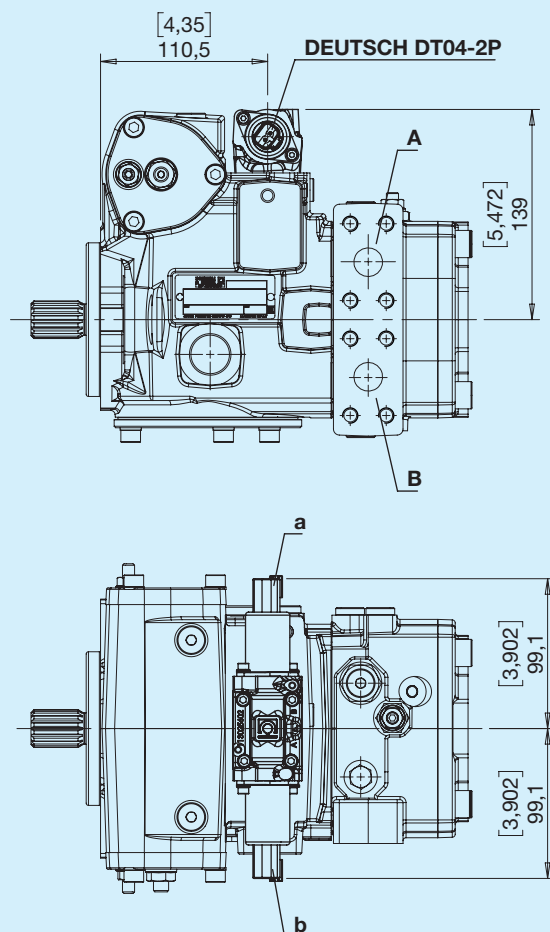
Pilotaggio



Schema idraulico



W Elettrico proporzionale diretto 24 V



Disponibile a richiesta con connettori AMP JUNIOR

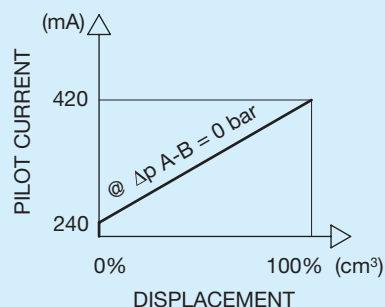
Mandata

Rotazione	Solenoide in tensione	Mandata
Destra	a	A
Destra	b	B
Sinistra	a	B
Sinistra	b	A

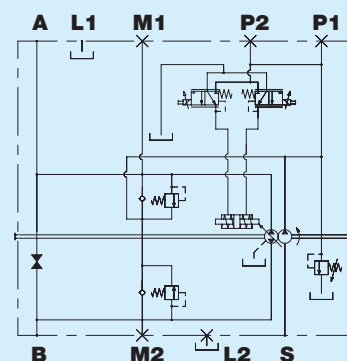
Controllo

Tensione nominale	24	V
Corrente min (I1)	180	mA
Corrente max (I2)	850	mA
Frequenza PWM	100	Hz

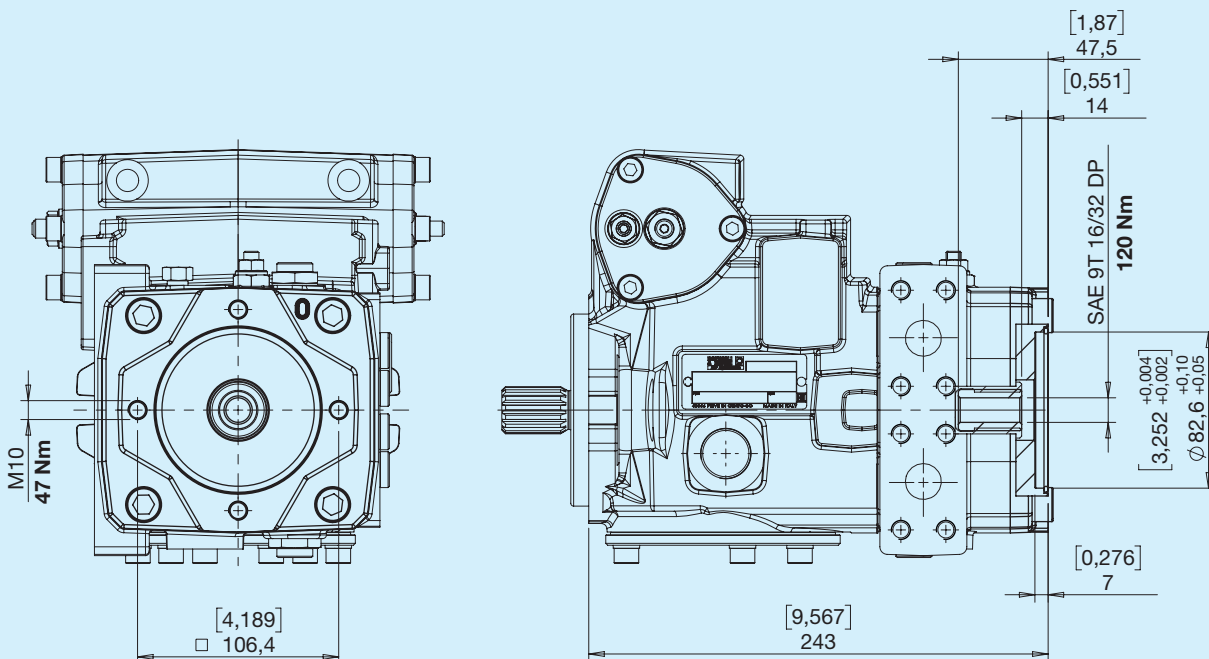
Pilotaggio



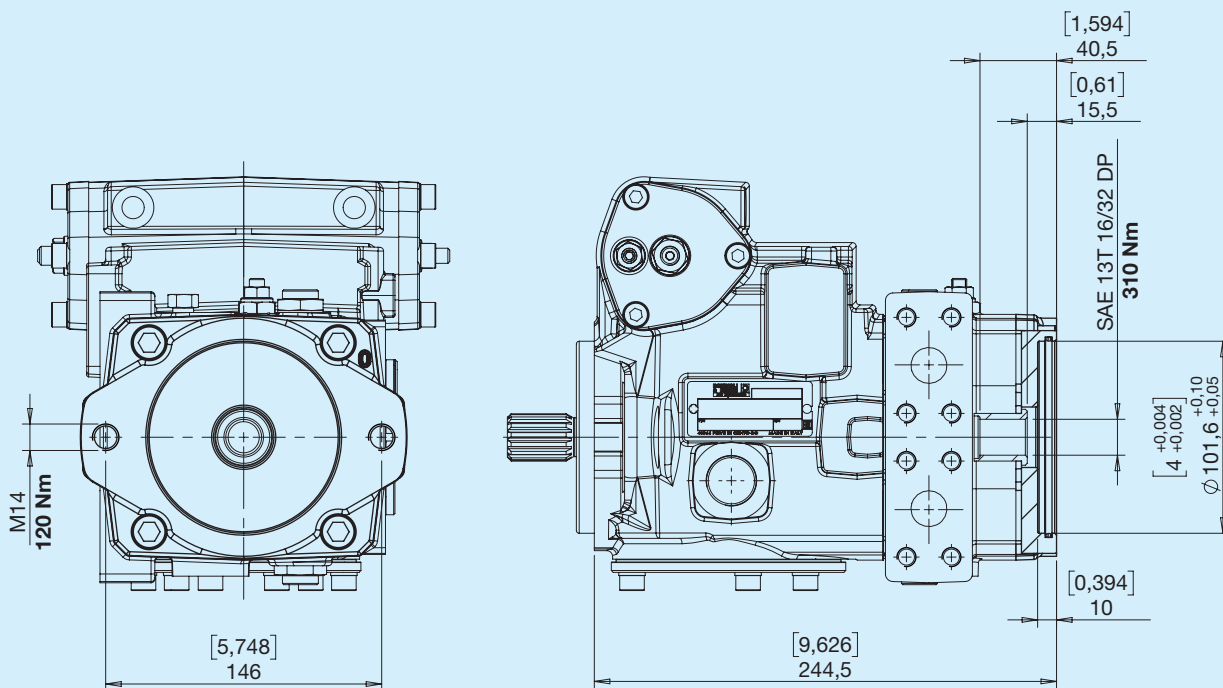
Schema idraulico



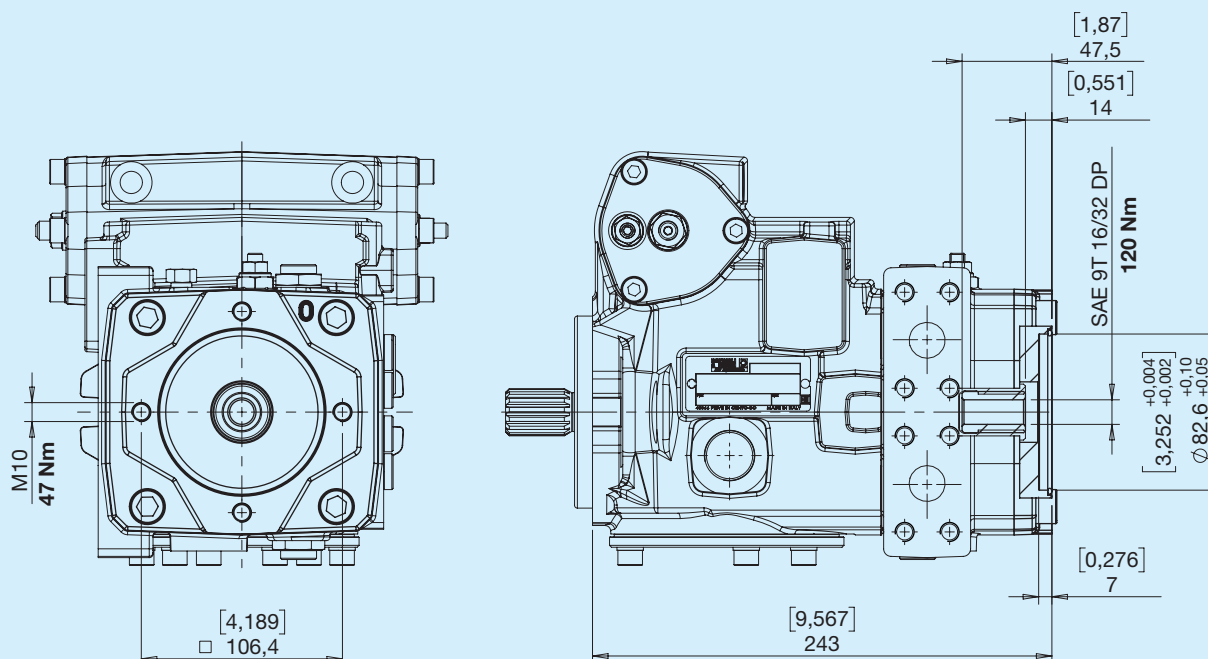
2 SAE A con pompa di sovralimentazione



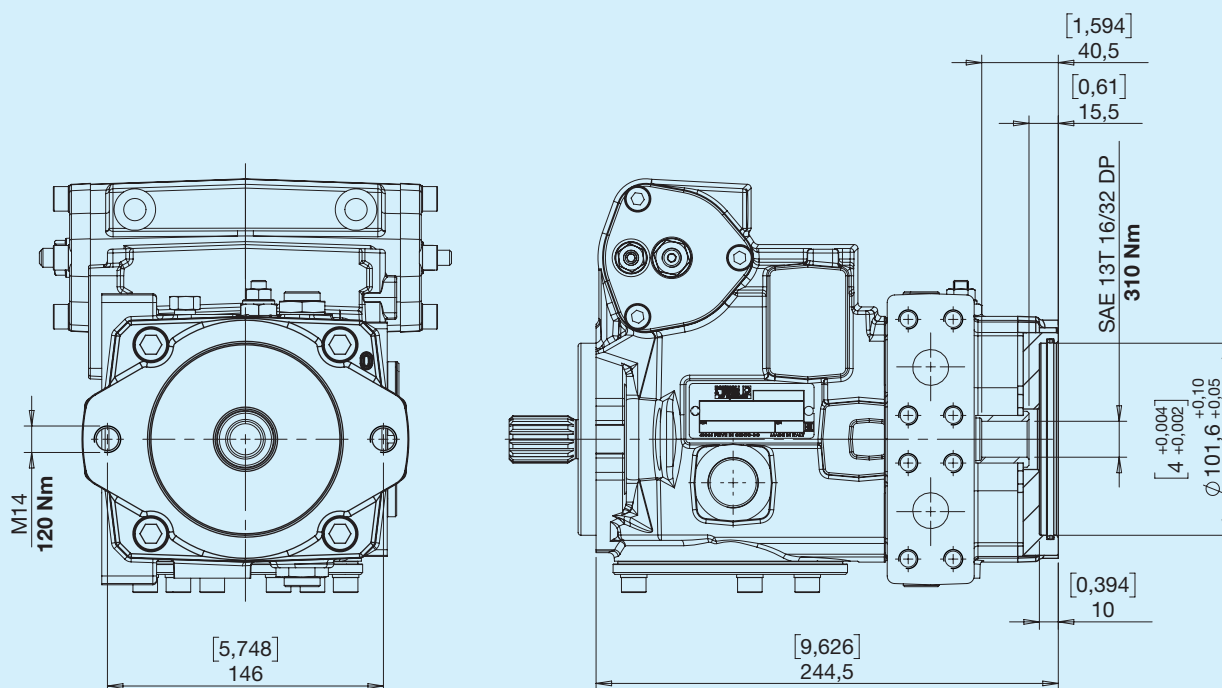
3 SAE B con pompa di sovralimentazione



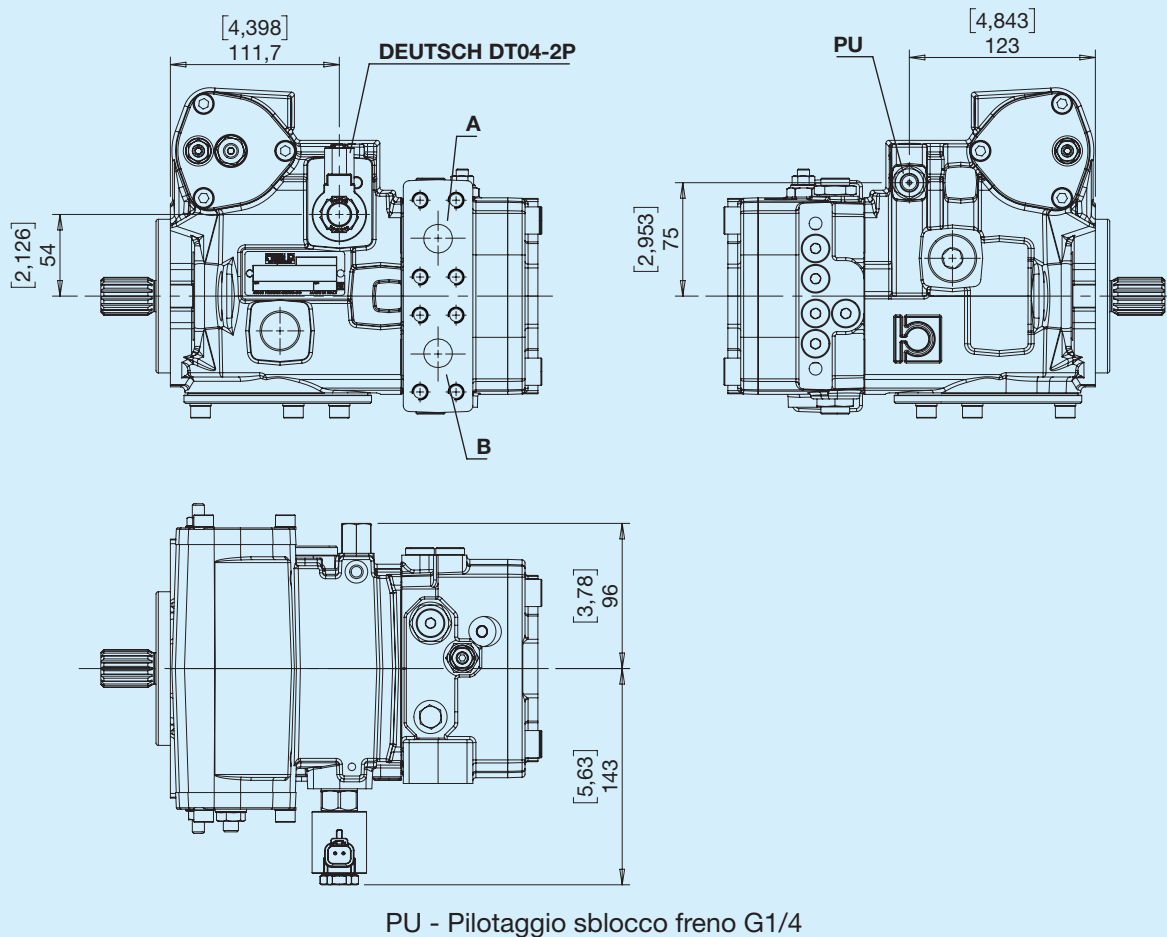
5 SAE A senza pompa di sovralimentazione



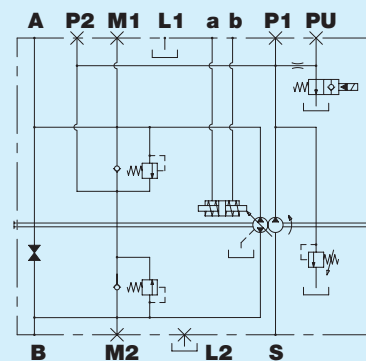
6 SAE B senza pompa di sovralimentazione



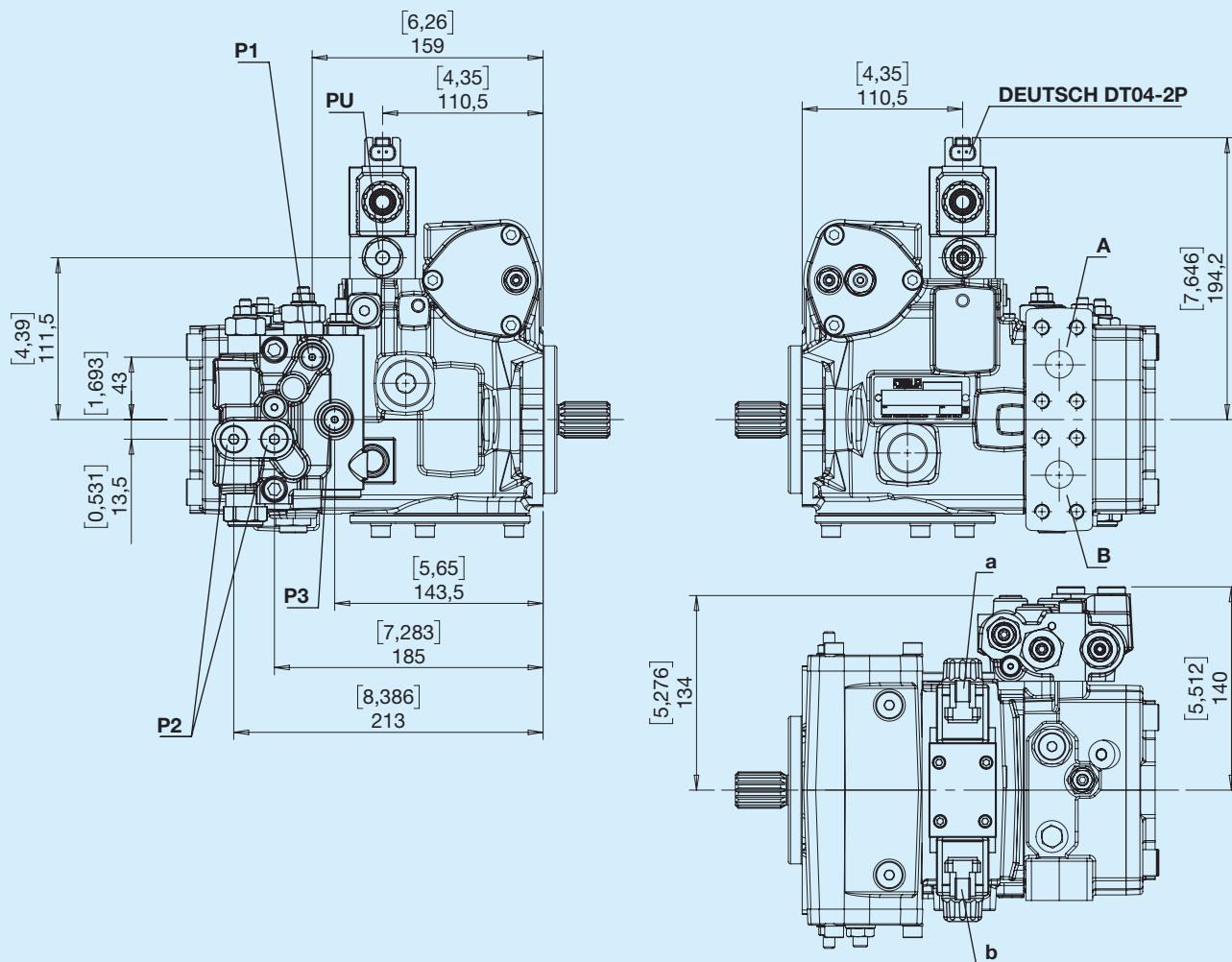
E Sicurezza operatore assente



Schema idraulico



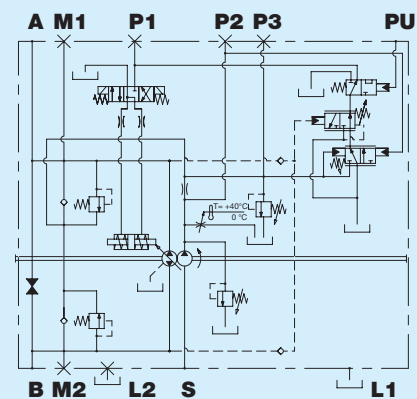
H Inching idraulico (solo comando A)



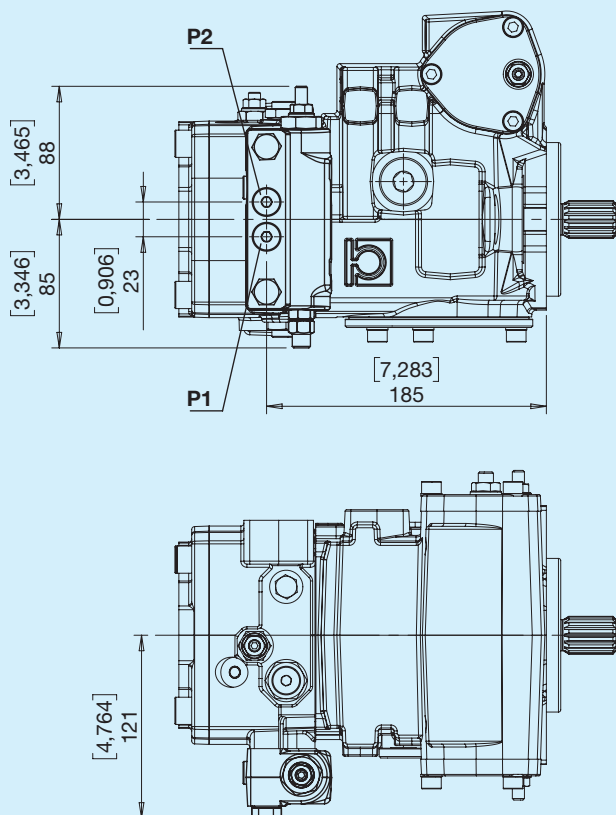
Disponibile a richiesta con connettori DIN 43650

Schema idraulico

PU - Pilotaggio inching G1/8
P1, P3 - Presa pressione G1/8
P2 - Presa pressione G1/4

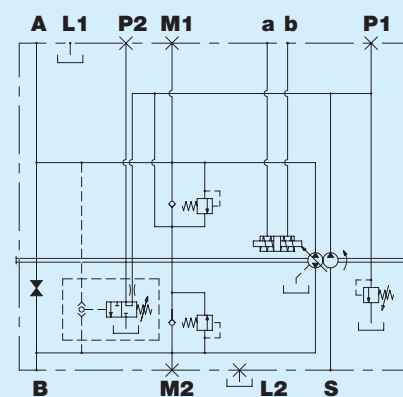


J Taglio di pressione

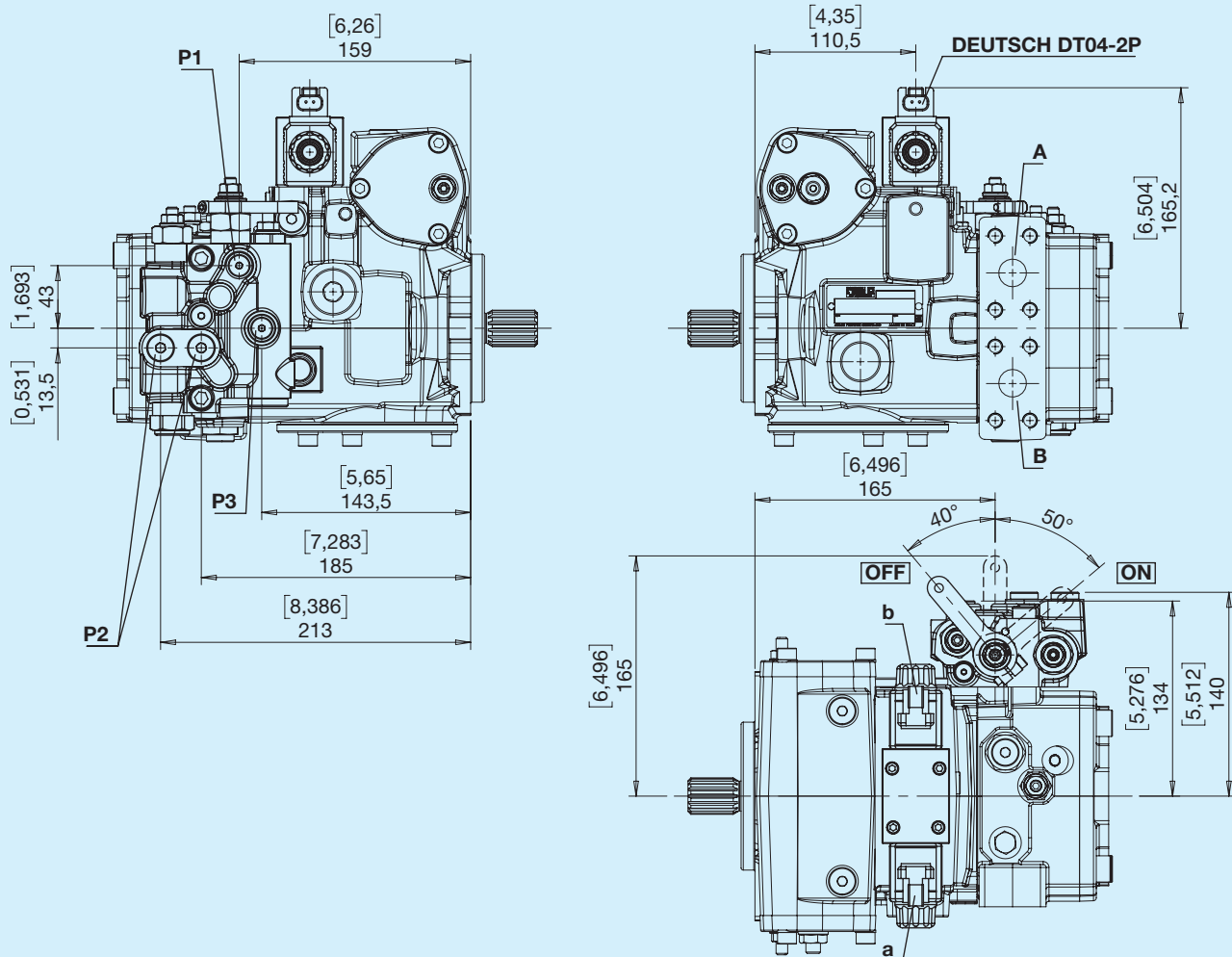


P1, P2 - Presa pressione G1/4

Schema idraulico



M Inching meccanico (solo comando A)

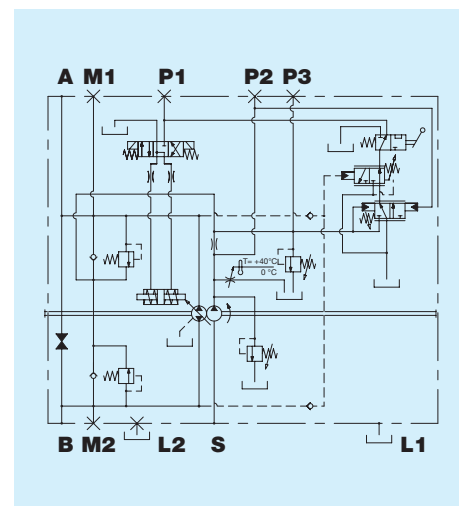


Disponibile a richiesta con connettori DIN 43650

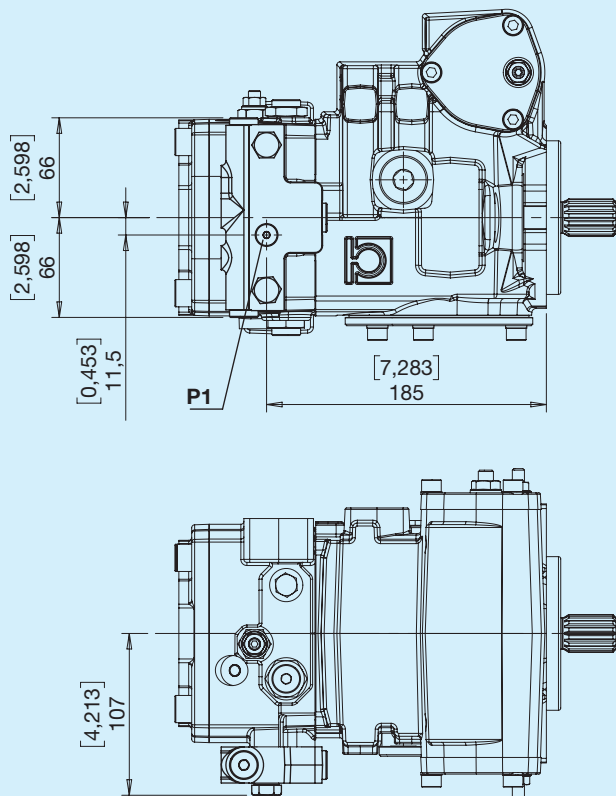
P1, P3 - Presa pressione G 1/8

P2 - Presa pressione G 1/4

Schema idraulico

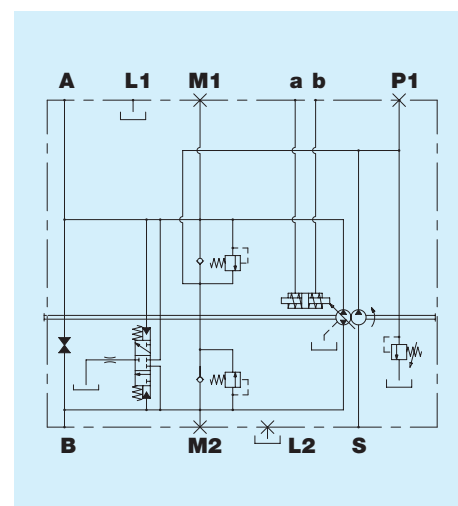


V Valvola di flussaggio (5-7 l/min)

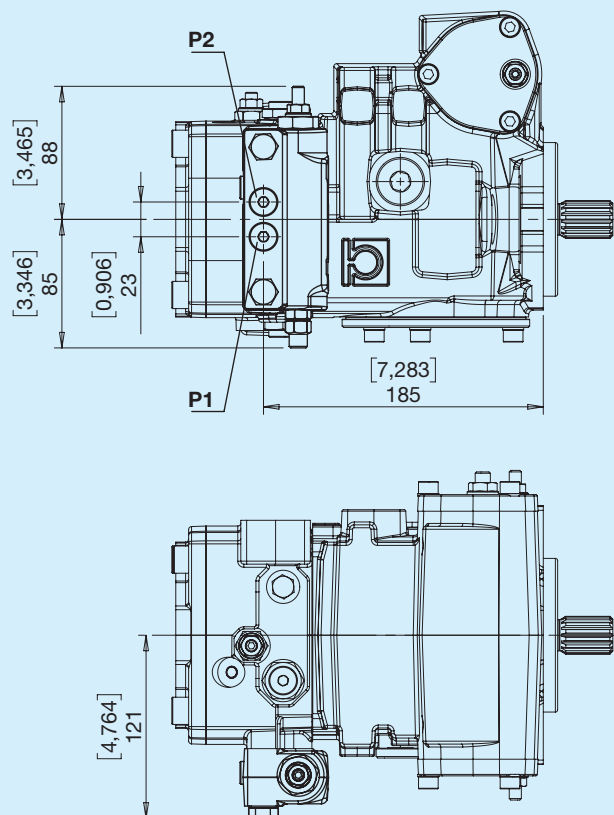


P1 - Presa pressione G1/8

Schema idraulico

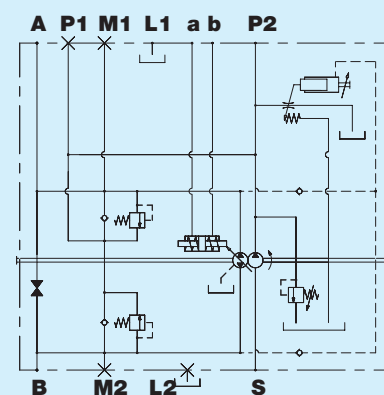


W Limitatore di potenza

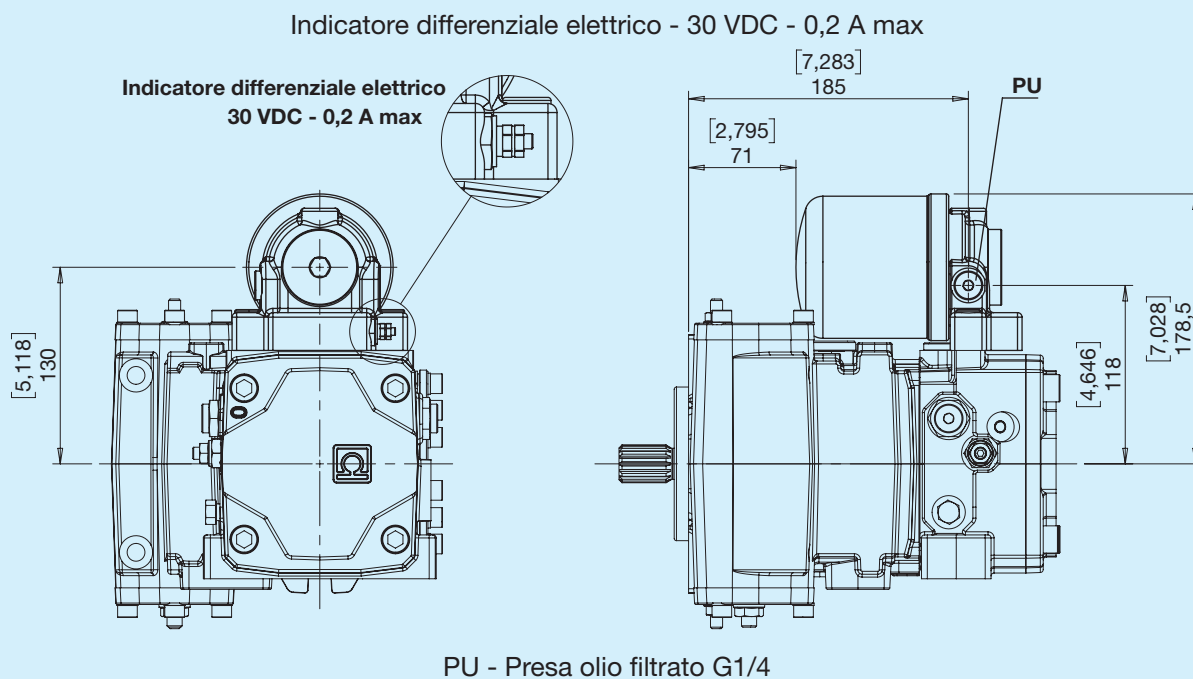


P1, P2 - Presa pressione G1/4

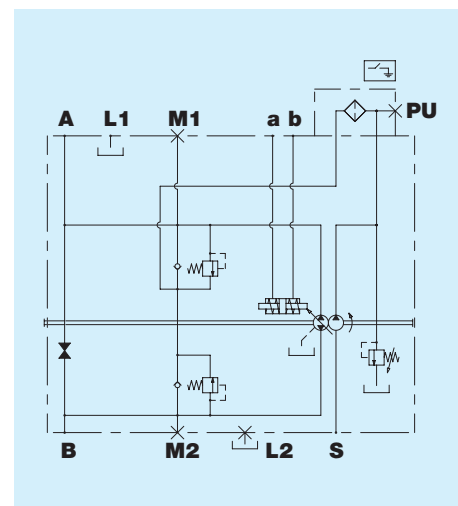
Schema idraulico



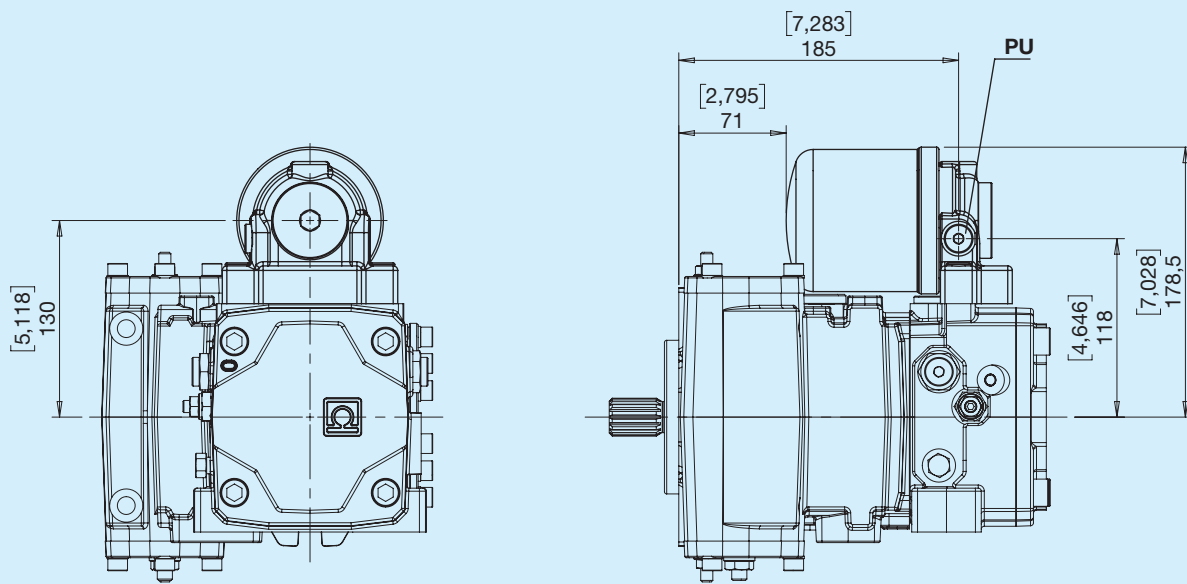
X Filtro con indicatore di intasamento



Schema idraulico

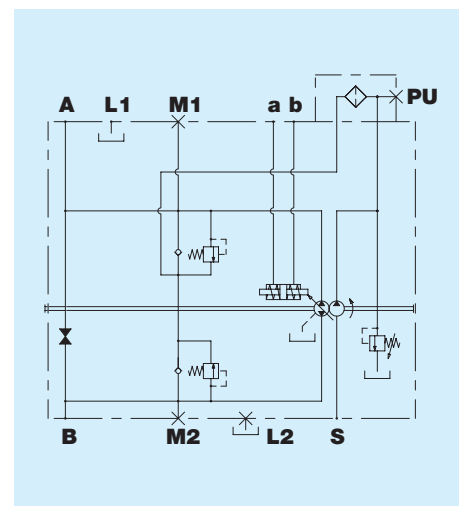


Y Filtro senza indicatore di intasamento



PU - Presa olio filtrato G1/4

Schema idraulico



	1	2	3	4	5	6	7	8	9	10	11	12	13	14
HPP5														
1 2 3	Cilindrata													
	046				056									
4	Senso di rotazione													
	R Destro					L Sinistro								
5	Flange													
	B SAE B													
6	Estremità alberi													
	1 SAE 15T 16/32 DP					3 SAE 14T 12/24 DP								
7	Tipo bocche													
	N Gas-Utilizzi SAE					M Unf-Utilizzi SAE								
8	Comandi													
	A Automotive			I Idraulico a leva			O Elettrico proporzionale retroazionato 12V			S Elettrico proporzionale diretto 12V				
	G Idraulico retroazionato			K Idraulico a distanza			V Elettrico proporzionale retroazionato 24V			W Elettrico proporzionale diretto 24V				
9	Taratura valvola													
	G 250 bar		L 300 bar		P 400 bar		Y 500 bar		I 280 bar		O 350 bar		R 450 bar	
10	Predisposizioni													
	0 Nessuna senza pompa di alimentazione			2 SAE A con pompa di sovralimentazione			5 SAE A senza pompa di sovralimentazione			1 Nessuna con pompa di alimentazione				
	3 SAE B con pompa di sovralimentazione			6 SAE B senza pompa di sovralimentazione										
11	Accessori													
	0 Nessuna opzione			J Taglio di pressione			W Limitatore di potenza			E Sicurezza operatore assente				
	H Inching idraulico (solo comando A)			M Inching meccanico (solo comando A)			X Filtro con indicatore di intasamento elettrico			Y Filtro senza indicatore di intasamento elettrico				
12 13 14	Esecuzioni speciali													
	...													