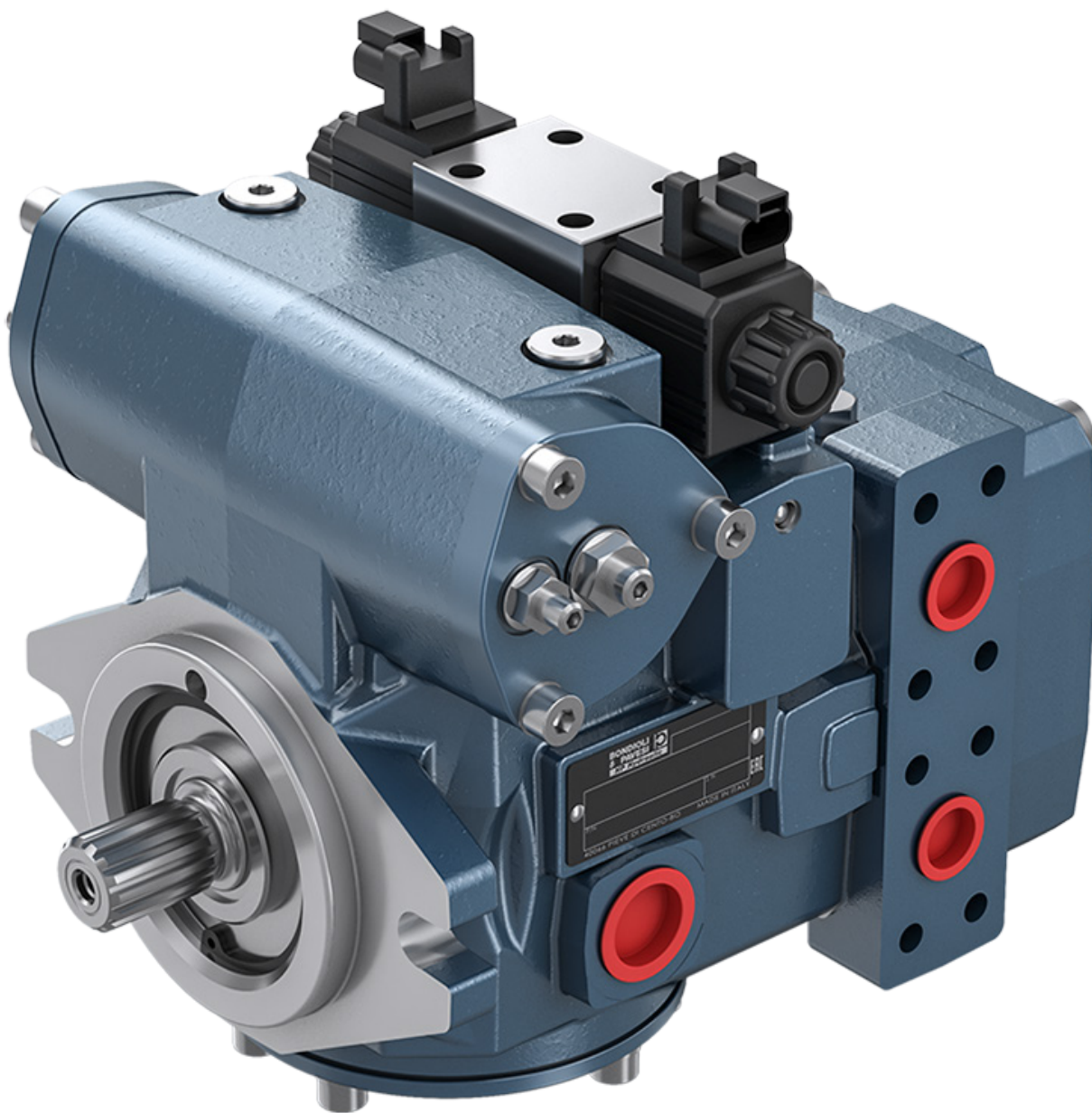
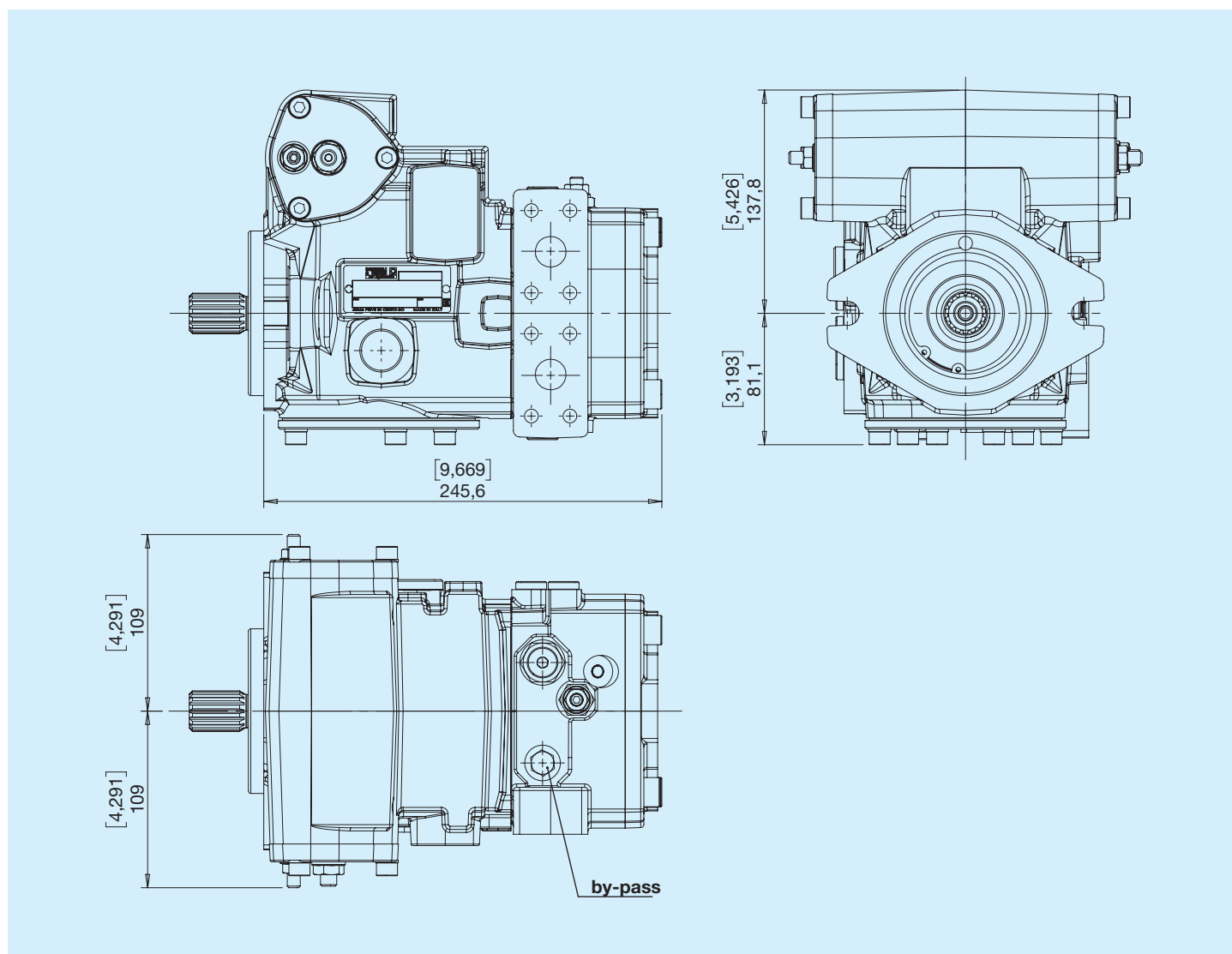


Pompe a cilindrata variabile



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

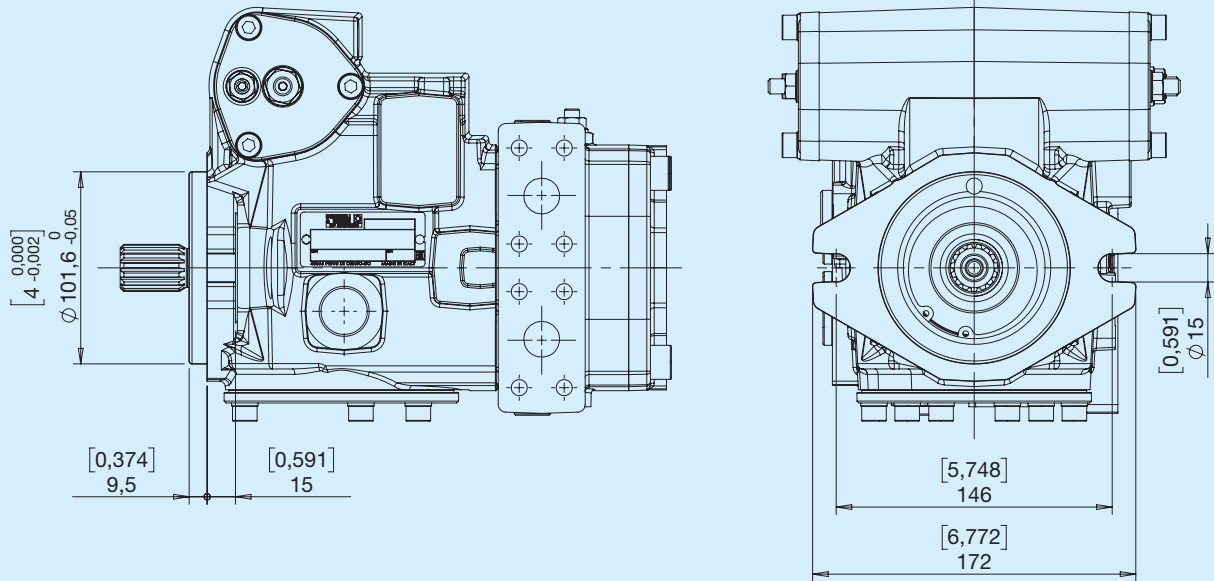


HPP5	Cilindrata teorica		Oscillante	Pressione Continua		Pressione intermittente		Pressione picco		Velocità di rotazione		Massa	
	cm ³	in ³		bar	psi	bar	psi	bar	psi	min ⁻¹	min ⁻¹	kg	lbs
046	46	2,81	18	420	6091	450	6525	480	6960	3800	500	25,5	56,2

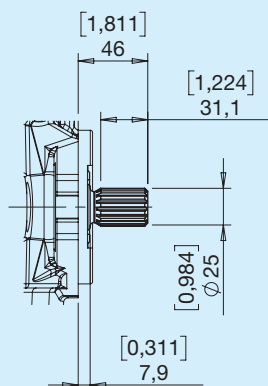
Pompa di alimentazione

Tipo	Cilindrata pompa di alimentazione		Pressione	
	cm ³	in ³	bar	psi
HPP5	16	0,98	22	319

B SAE B

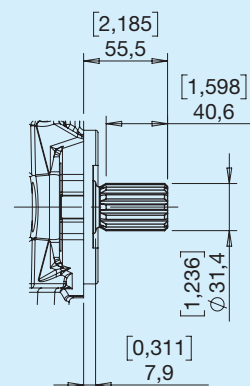


1 SAE 15T 16/32 DP



Coppia Max 460 Nm

3 SAE 14T 12/24 DP



Coppia Max 850 Nm

A,B - Utilizzo

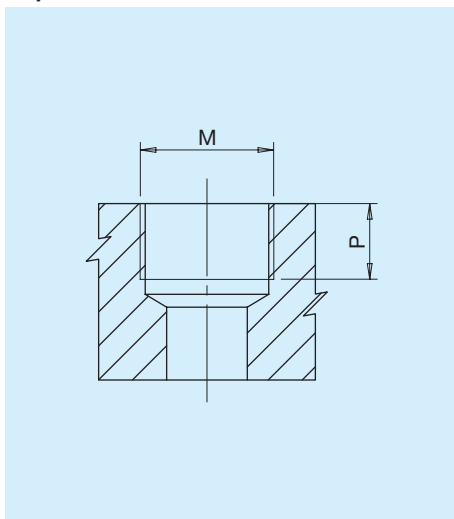
L1, L2 - Drenaggio

S - Aspirazione

P1, P2 - Presa pressione

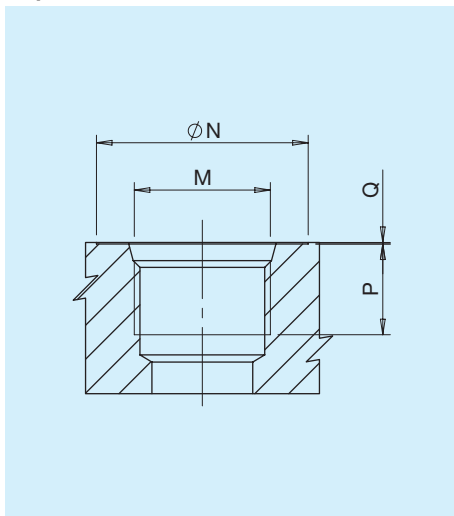
M1, M2 - Presa manometro

Tipo G



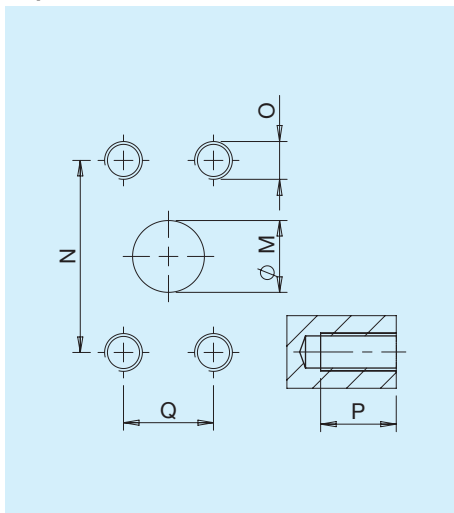
Tipo	M	Nm	P	
			mm	in
G2	Port ISO 1179-1 - G 1/4	17	12	0,47
G6	Port ISO 1179-1 - G 3/4	90	15	0,59

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

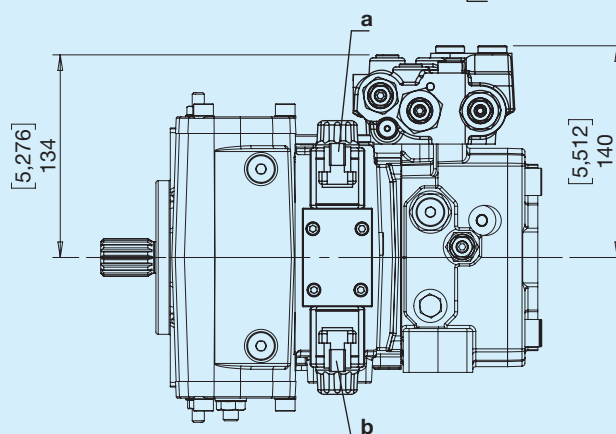
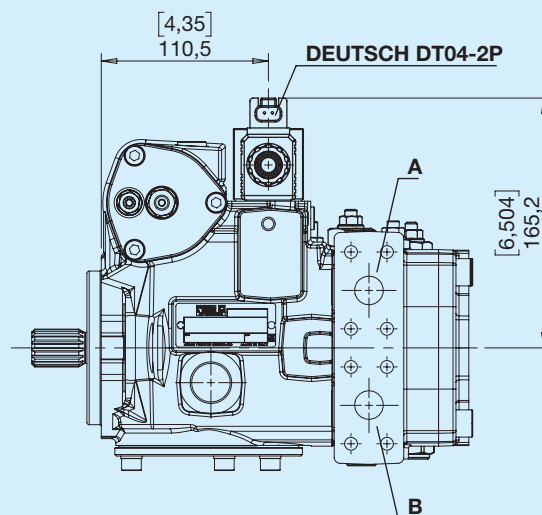
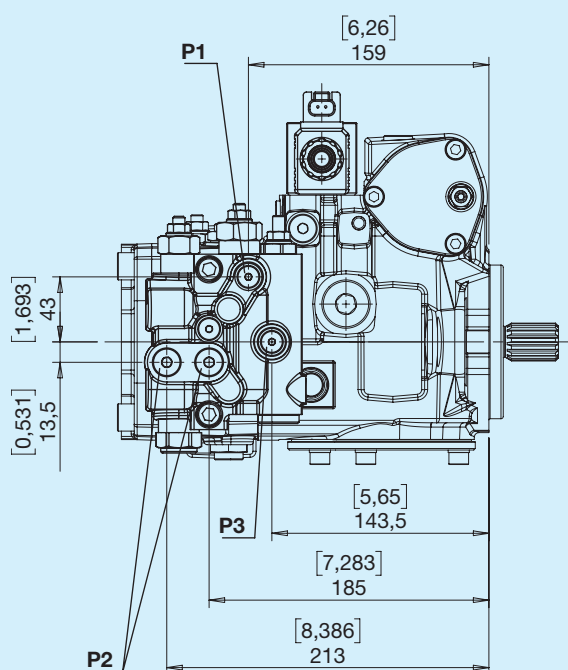


Tipo	M		N		Q		P		O	Nm
	mm	in	mm	in	mm	in	mm	in		
N6	19	0,75	50,8	2	23,8	0,94	20	0,79	M10	38

Combinazioni

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

A Automotive



Disponibile a richiesta con connettori DIN 43650

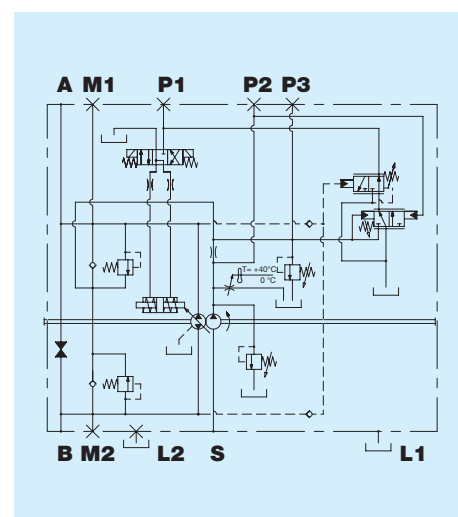
Mandata

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

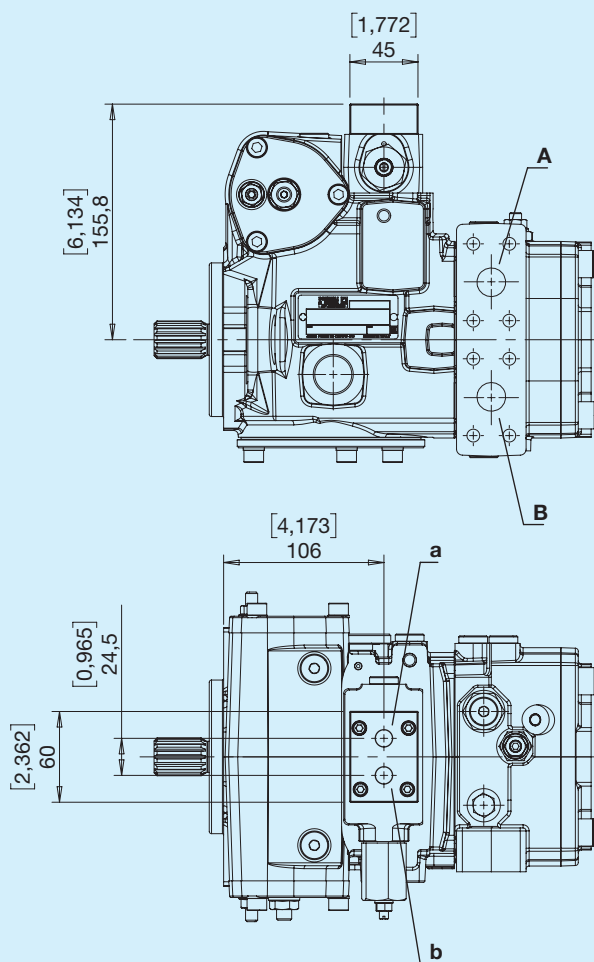
P1, P3 - Presa pressione G 1/8

P2 - Presa pressione G 1/4

Schema idraulico



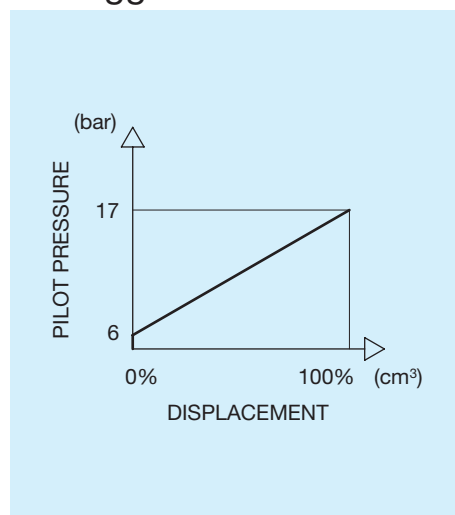
G Idraulico retroazionato



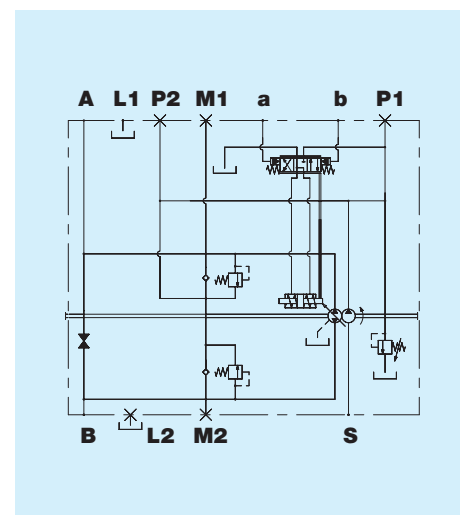
Mandata

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

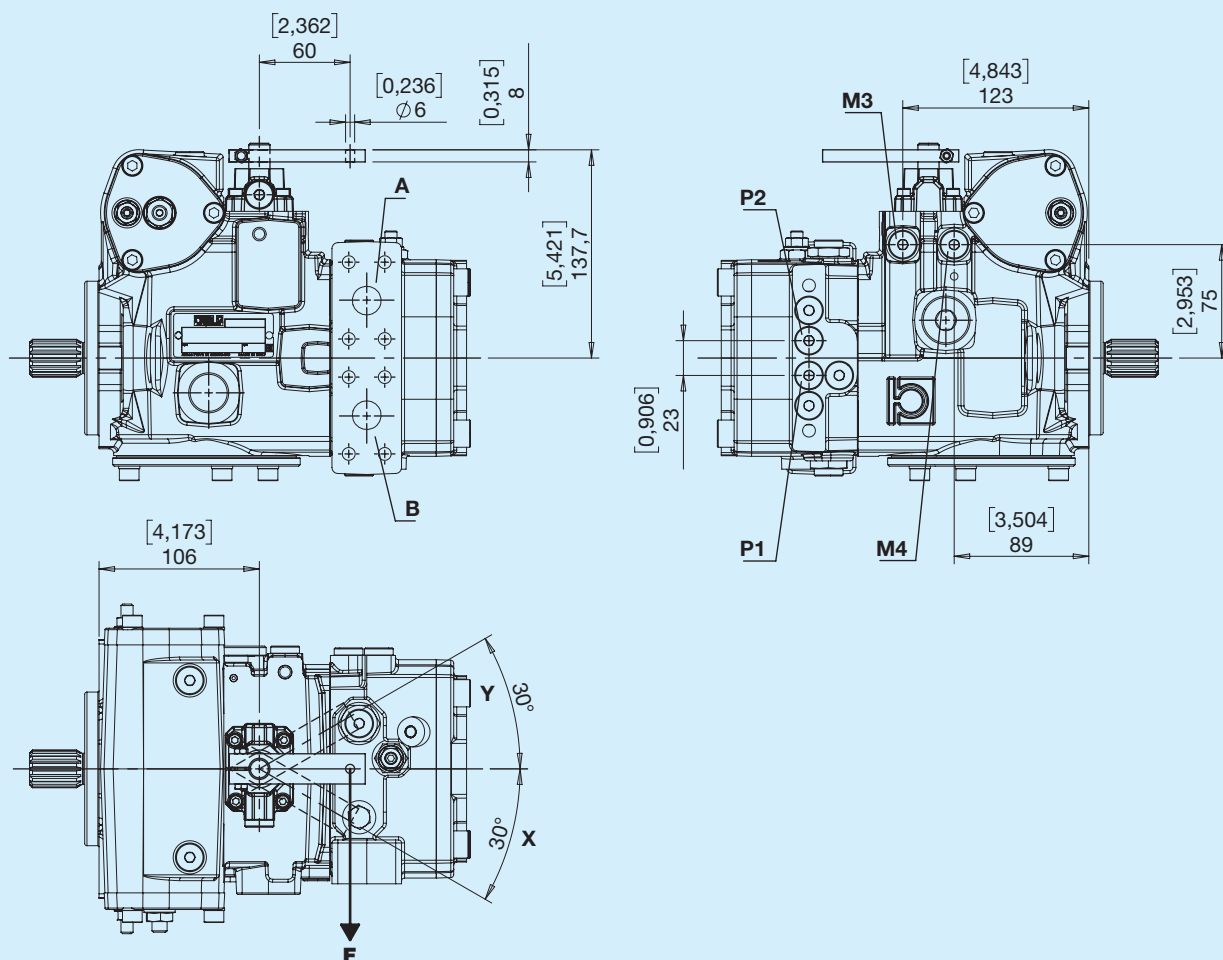
Pilotaggio



Schema idraulico



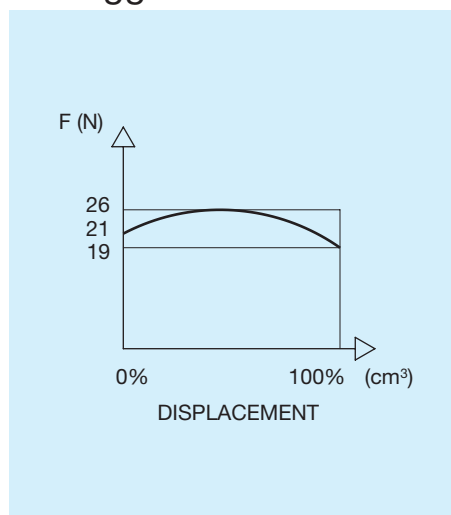
I Idraulico a leva



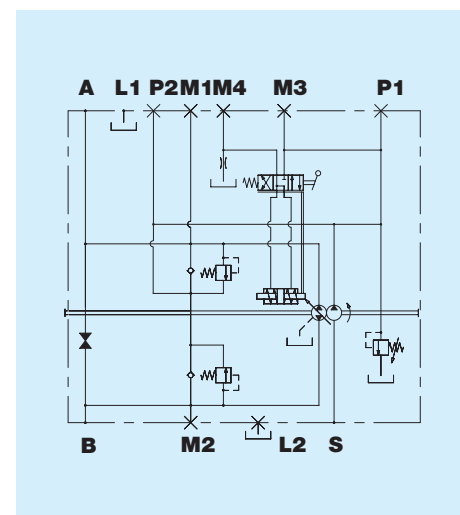
Mandata

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

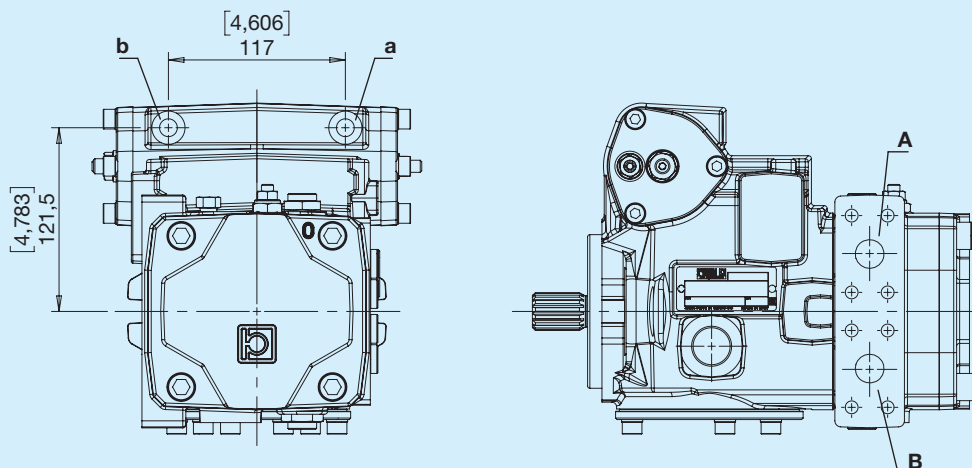
Pilotaggio



Schema idraulico



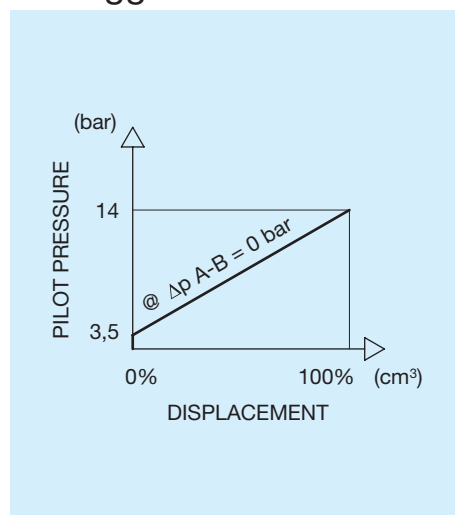
K Idraulico diretto



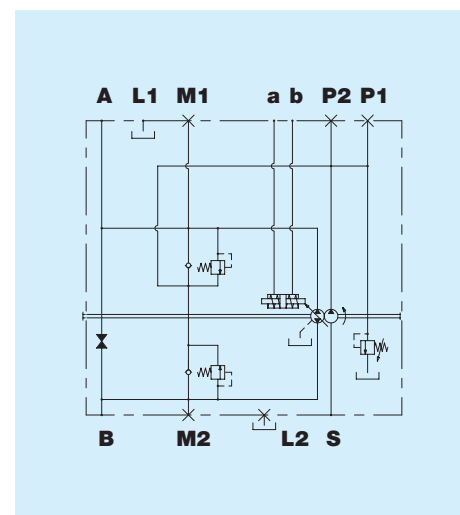
Mandata

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

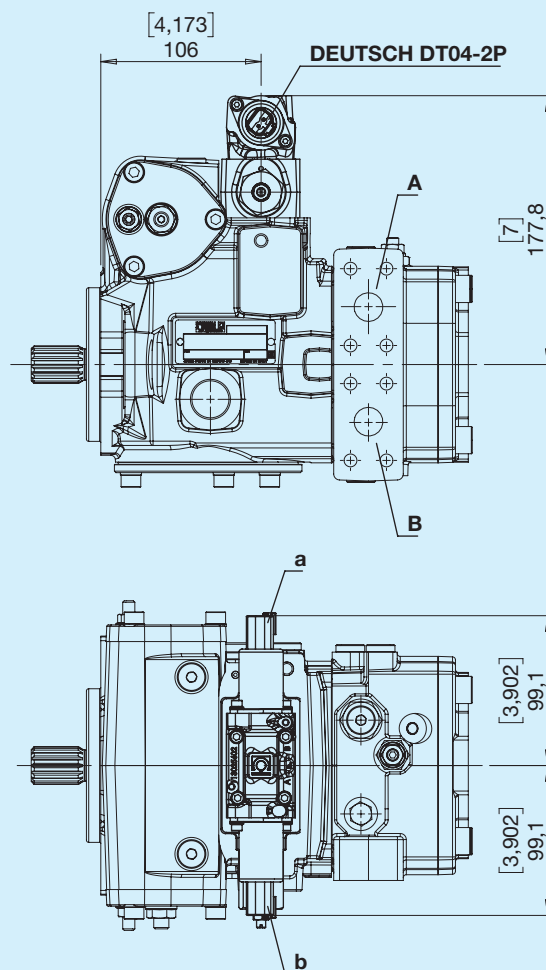
Pilotaggio



Schema idraulico



O Elettrico proporzionale retroazionato 12V



Disponibile a richiesta con connettori DIN 43650

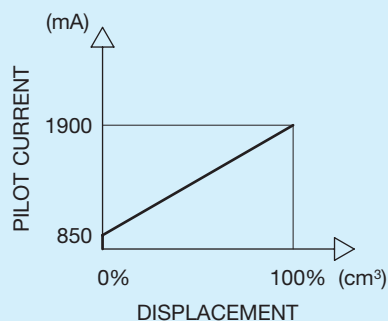
Mandata

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

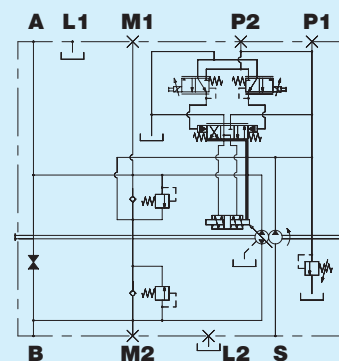
Controllo

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

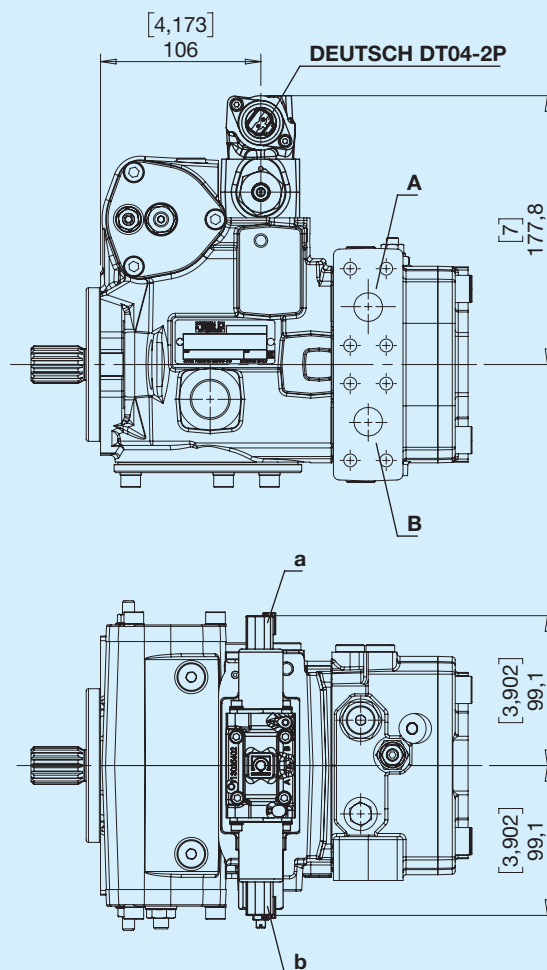
Pilotaggio



Schema idraulico



V Elettrico proporzionale retroazionato 24V



Disponibile a richiesta con connettori DIN 43650

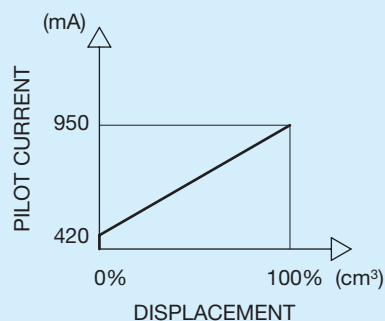
Mandata

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

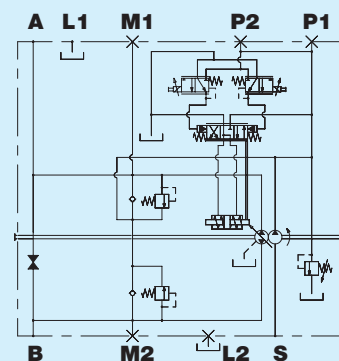
Controllo

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

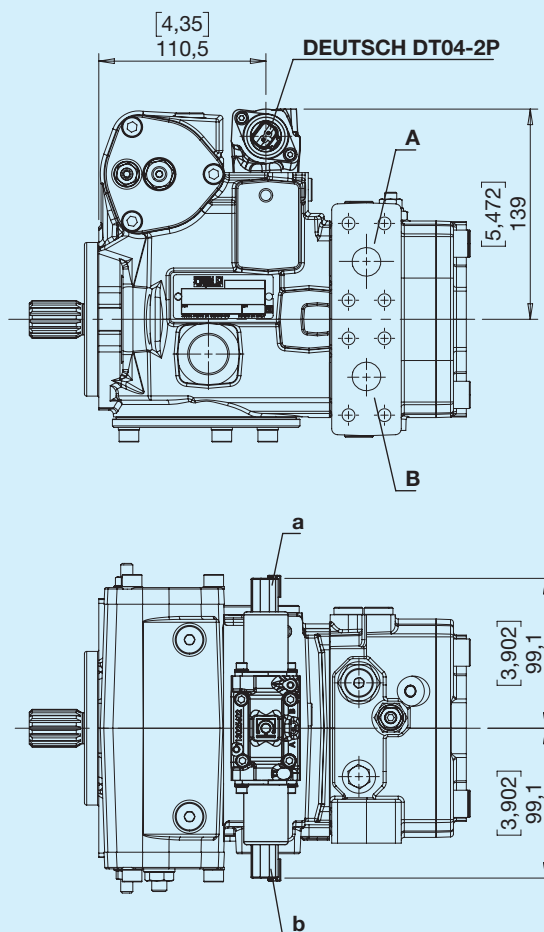
Pilotaggio



Schema idraulico



S Elettrico proporzionale diretto 12 V



Disponibile a richiesta con connettori AMP JUNIOR

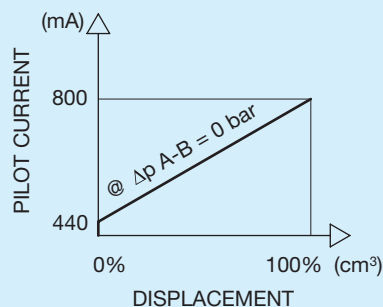
Mandata

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

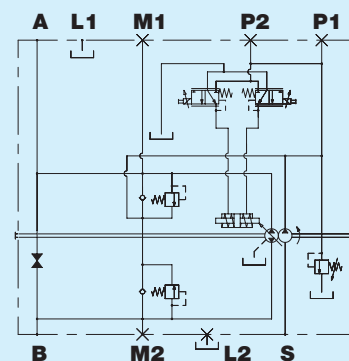
Controllo

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

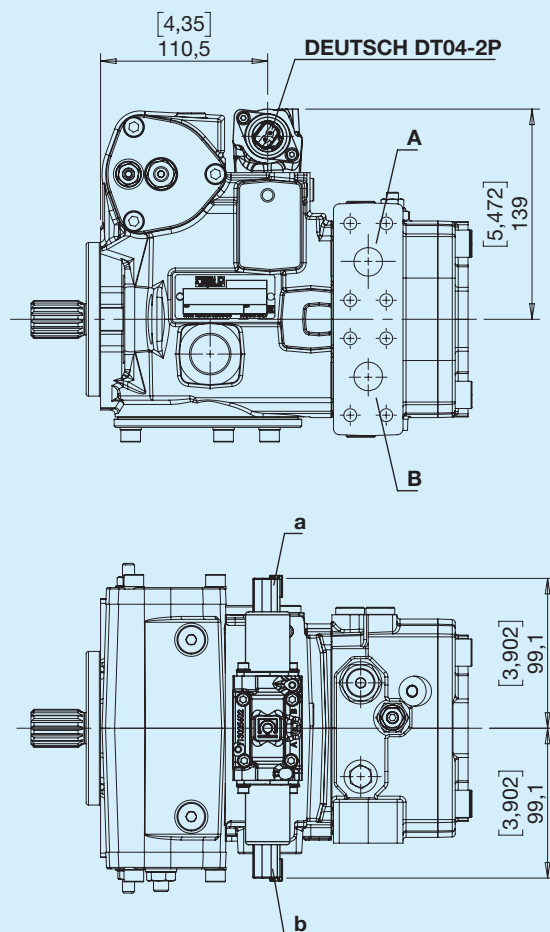
Pilotaggio



Schema idraulico



W Elettrico proporzionale diretto 24 V



Disponibile a richiesta con connettori AMP JUNIOR

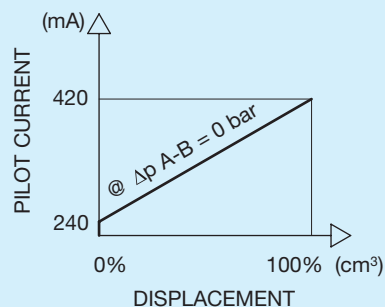
Mandata

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

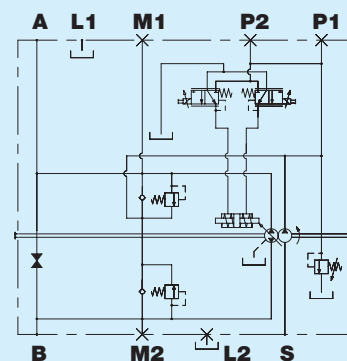
Controllo

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

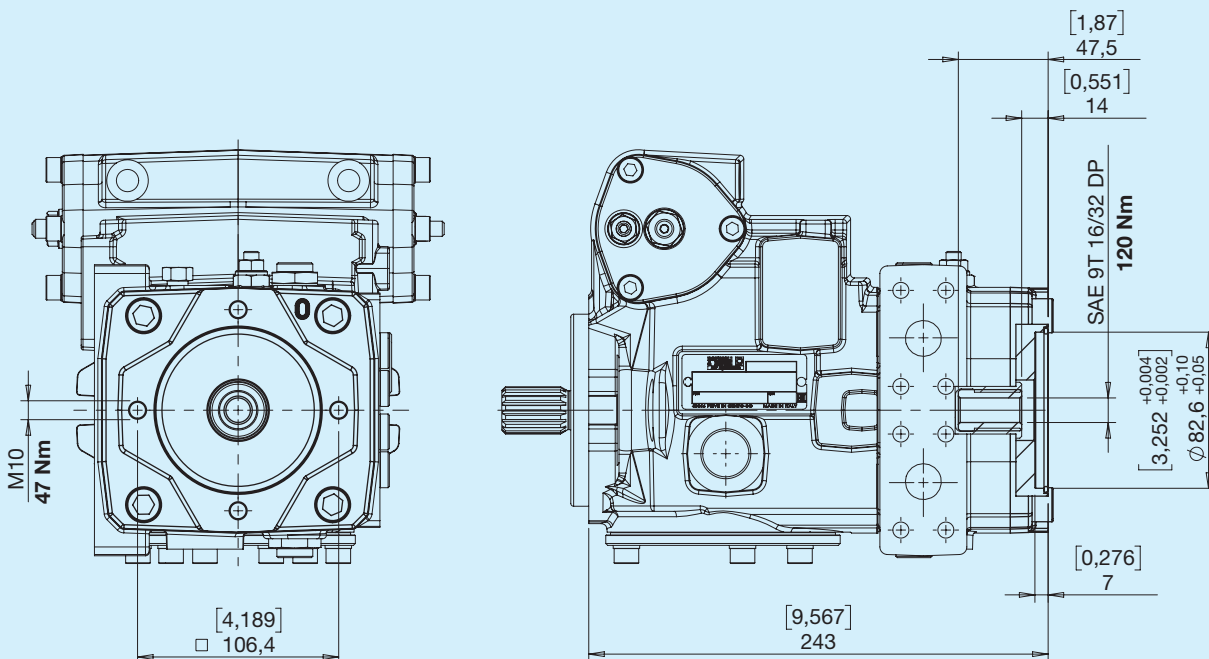
Pilotaggio



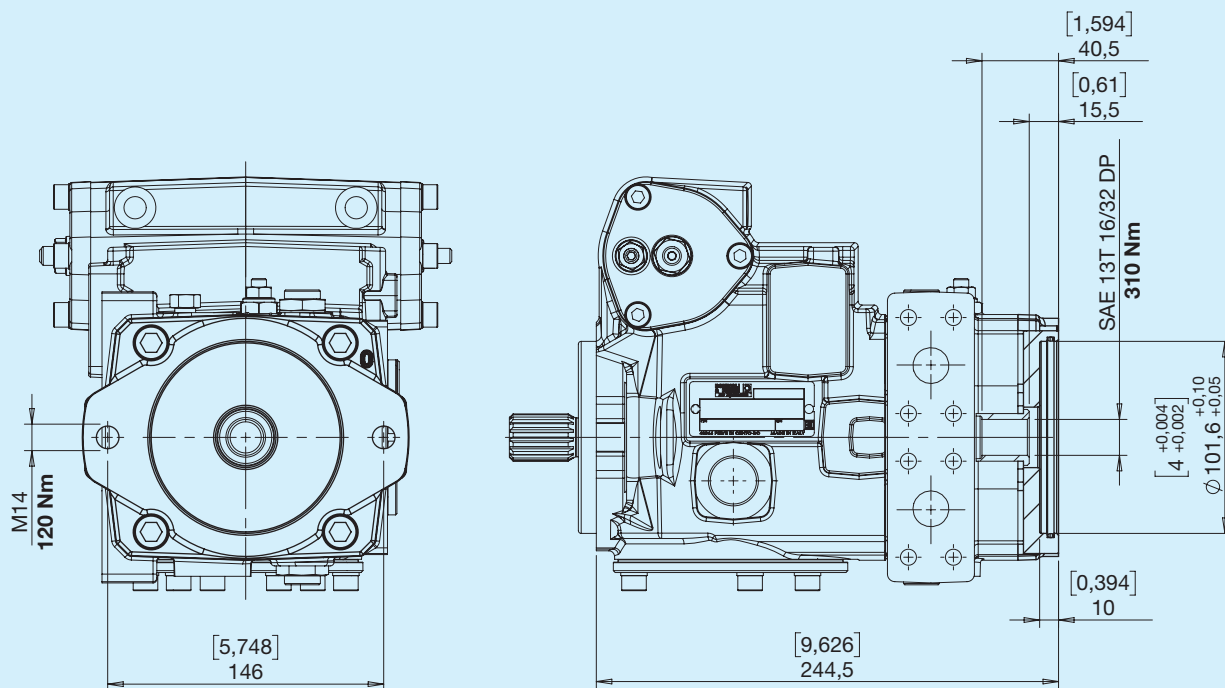
Schema idraulico



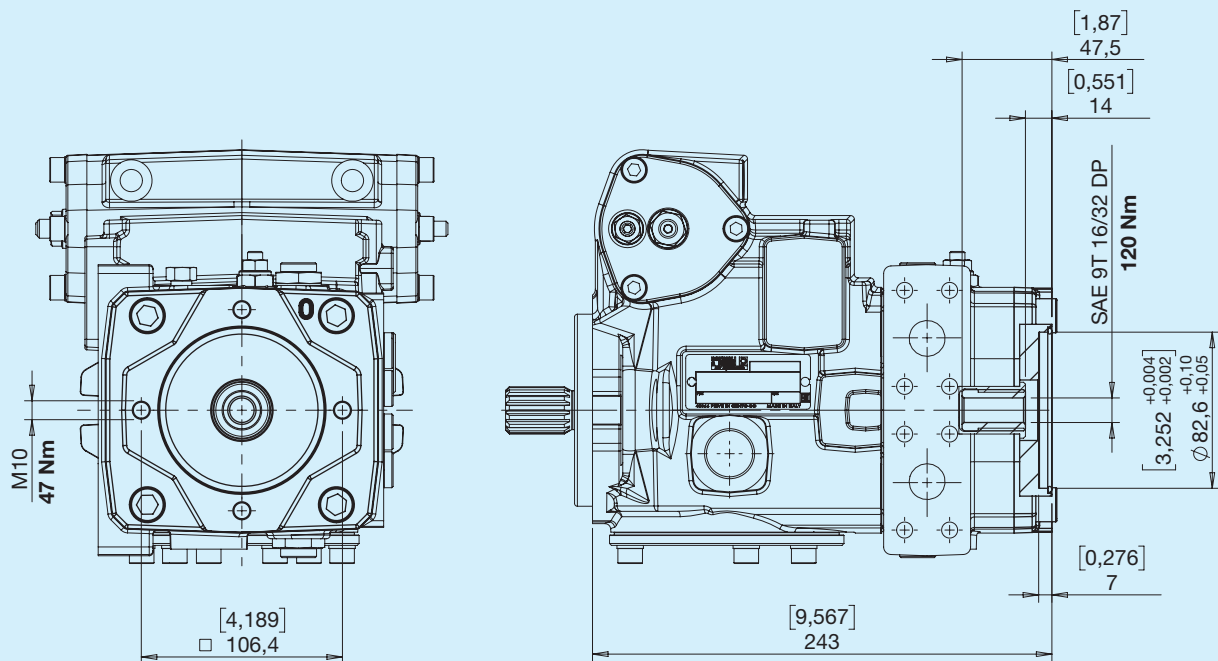
2 SAE A con pompa di sovralimentazione



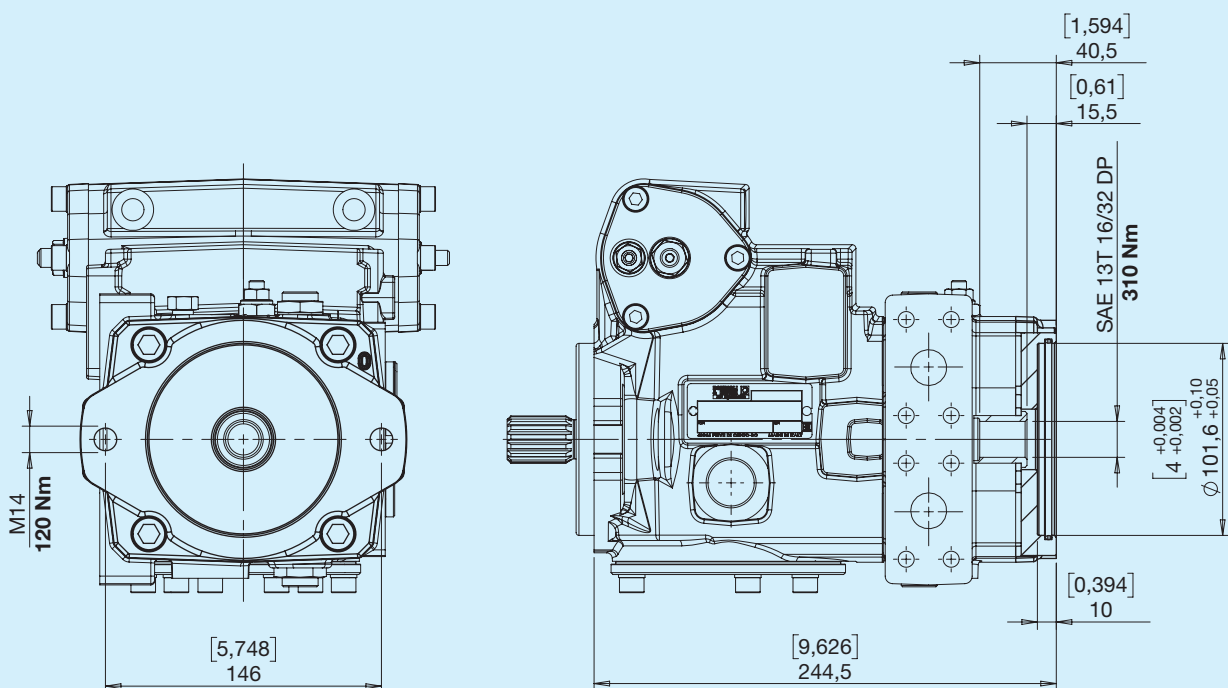
3 SAE B con pompa di sovralimentazione

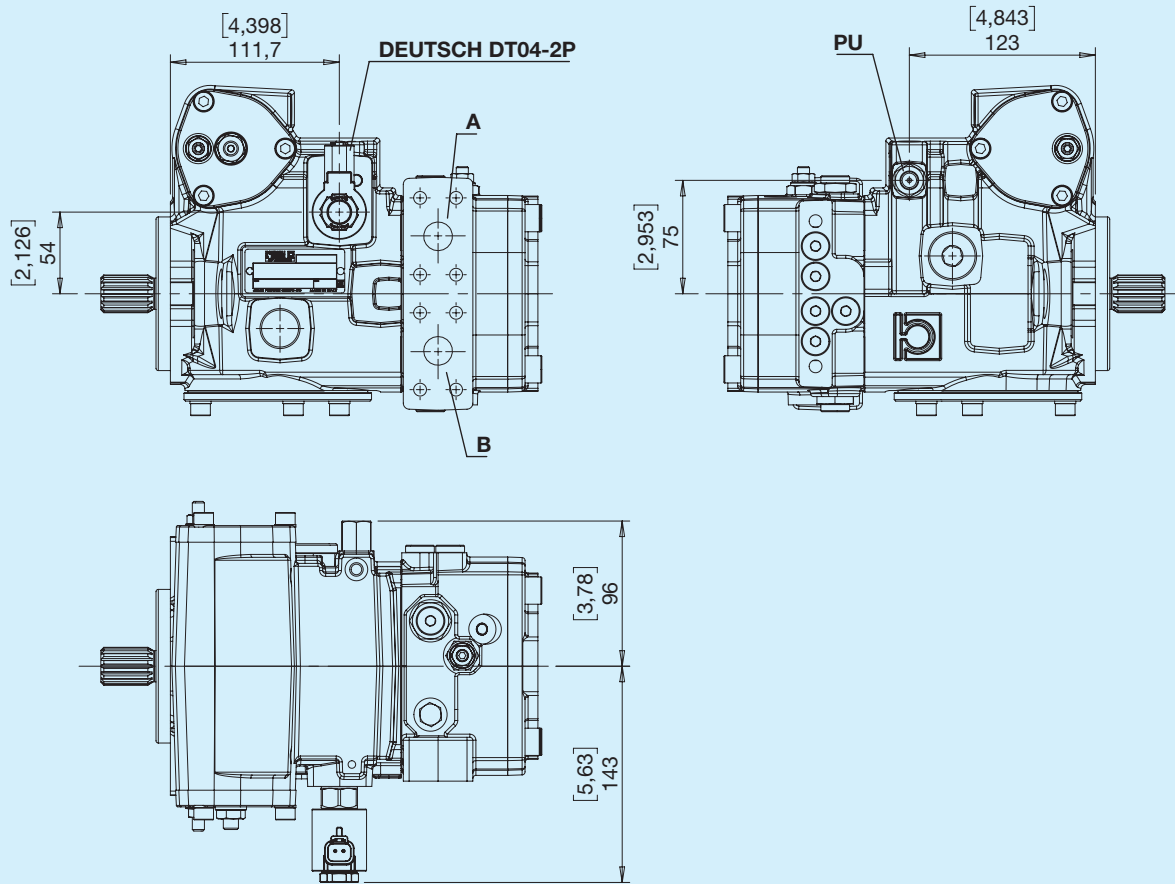


5 SAE A senza pompa di sovralimentazione



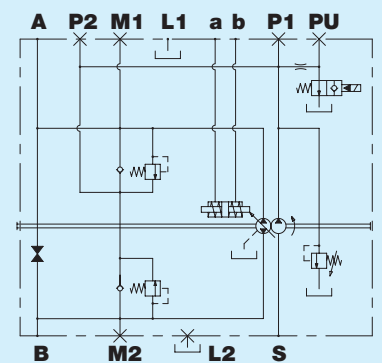
6 SAE B senza pompa di sovralimentazione



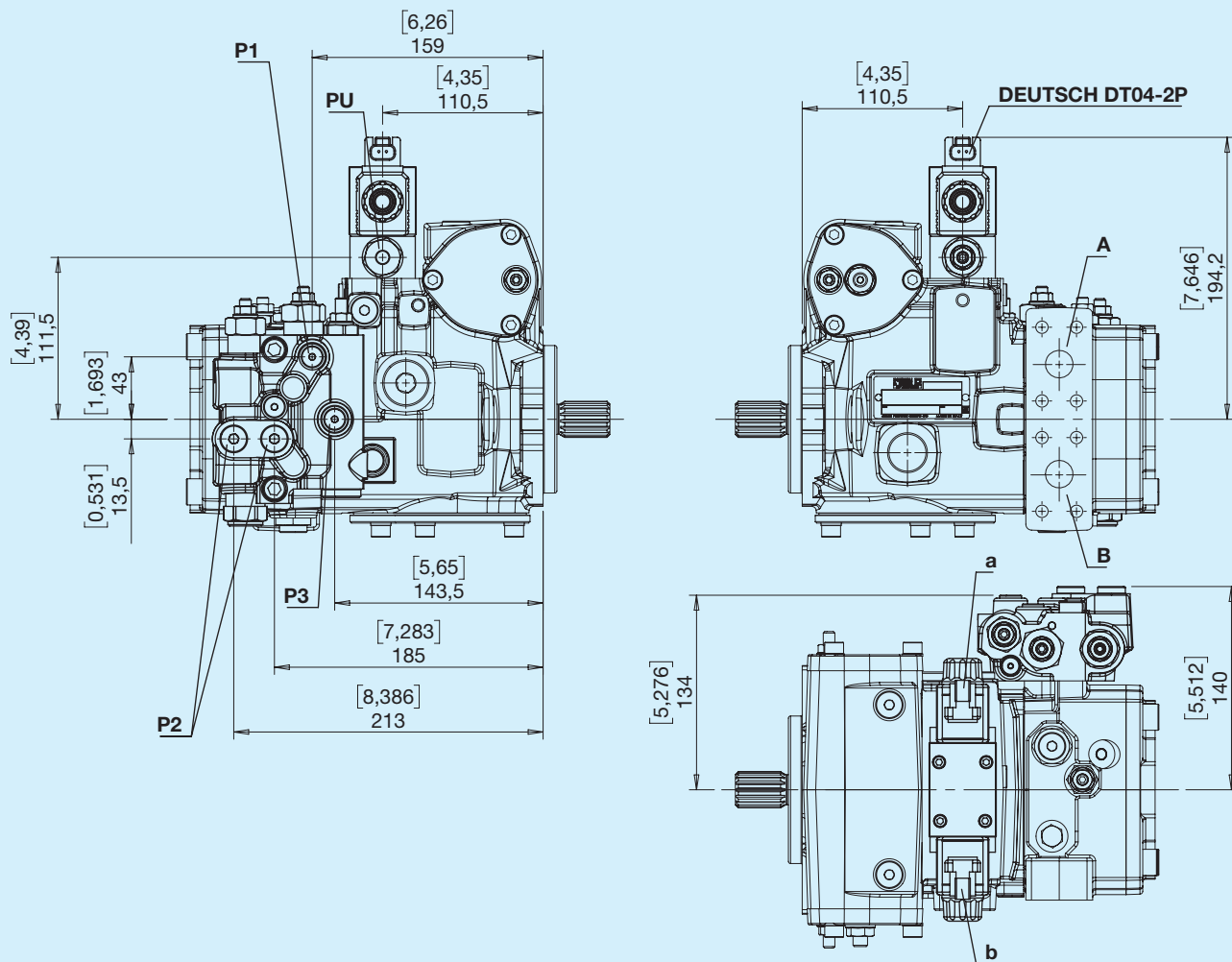


PU - Pilotaggio sblocco freno G1/4

Schema idraulico



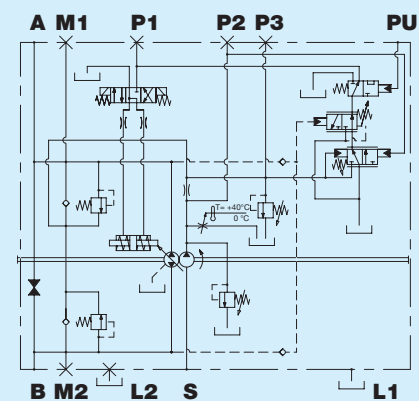
H Inching idraulico (solo comando A)



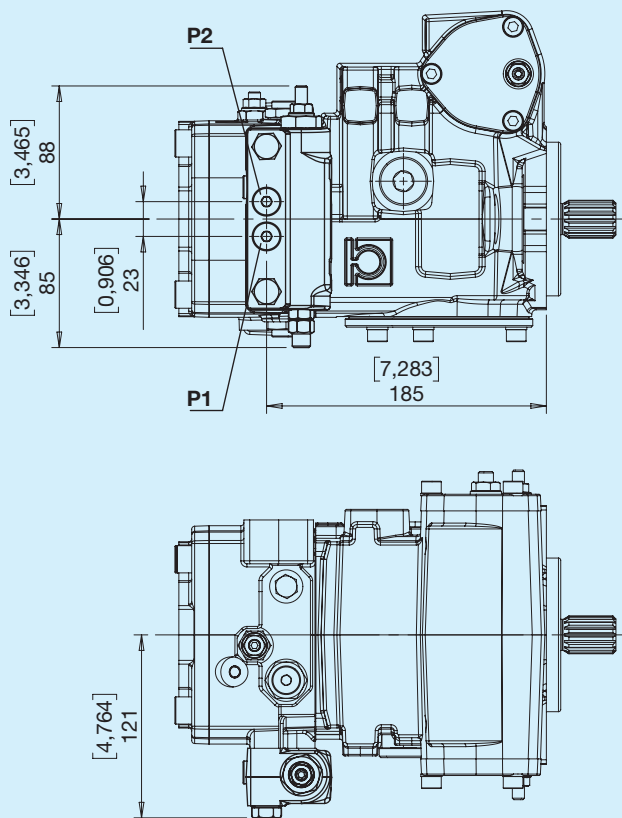
Disponibile a richiesta con connettori DIN 43650

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

Schema idraulico

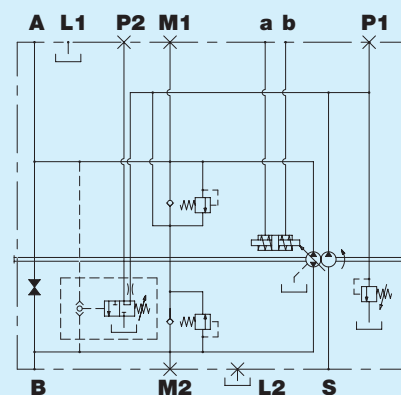


J Taglio di pressione

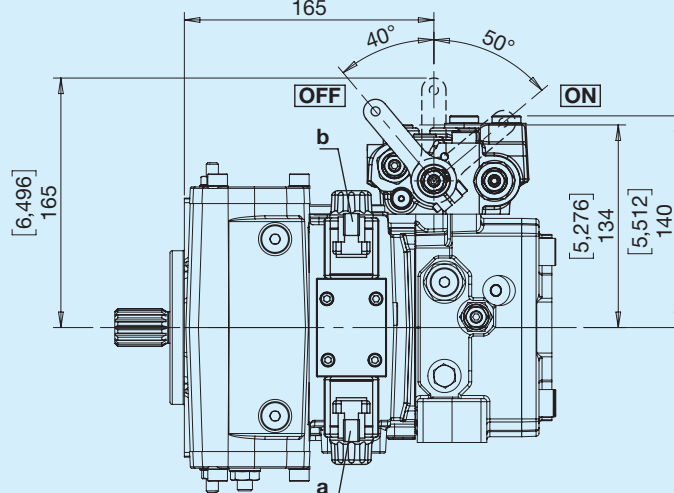
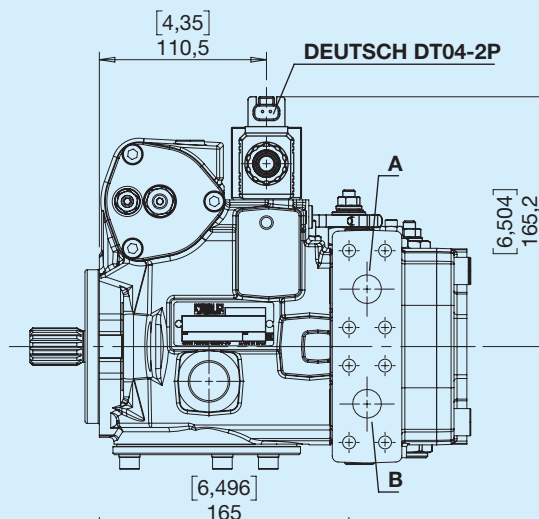
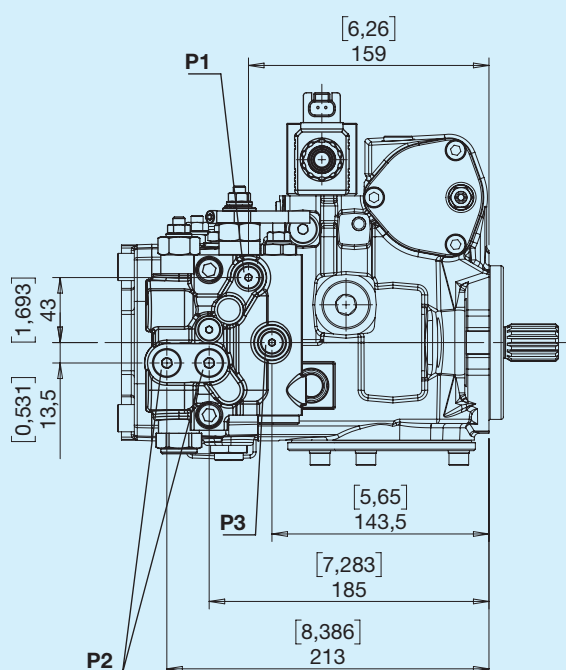


P1, P2 - Presa pressione G1/4

Schema idraulico



M Inching meccanico (solo comando A)

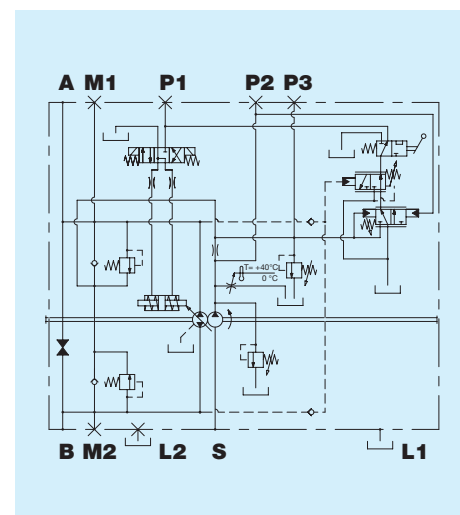


Disponibile a richiesta con connettori DIN 43650

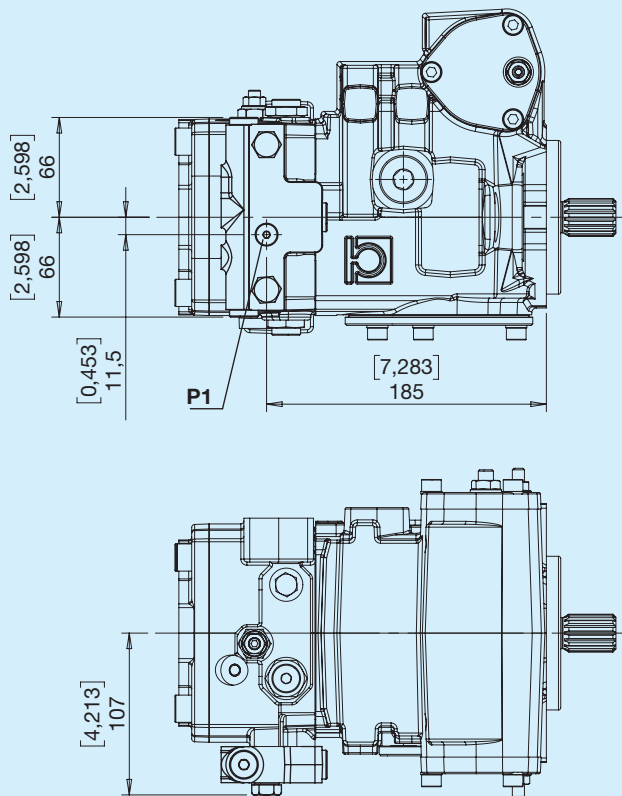
P1, P3 - Presa pressione G 1/8

P2 - Presa pressione G 1/4

Schema idraulico

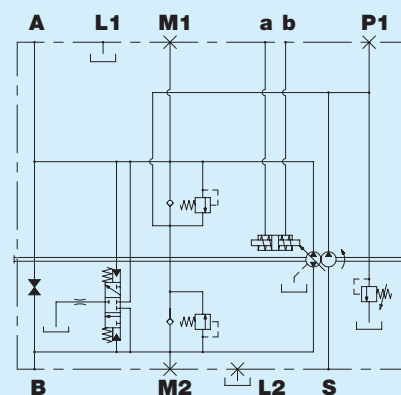


V Valvola di flussaggio (5-7 l/min)

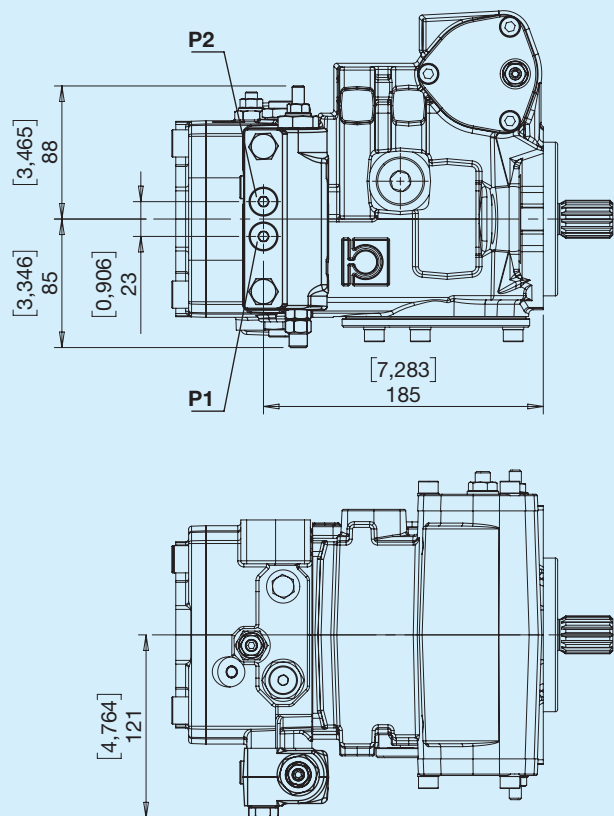


P1 - Presa pressione G1/8

Schema idraulico

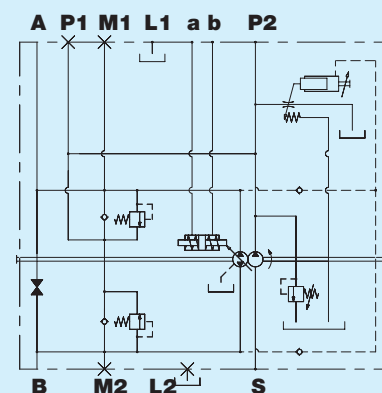


W Limitatore di potenza

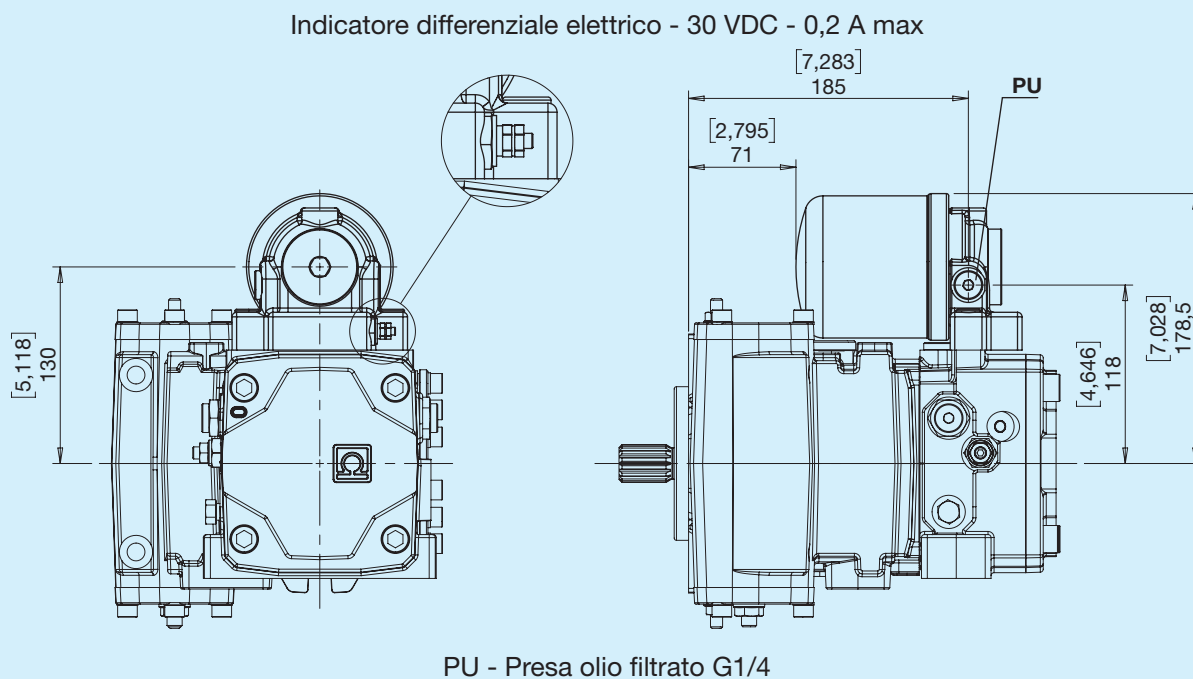


P1, P2 - Presa pressione G1/4

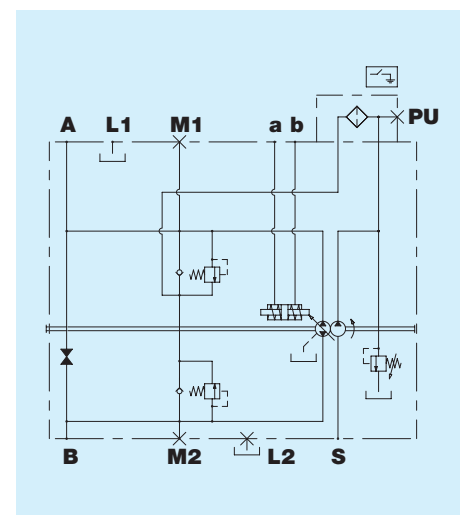
Schema idraulico



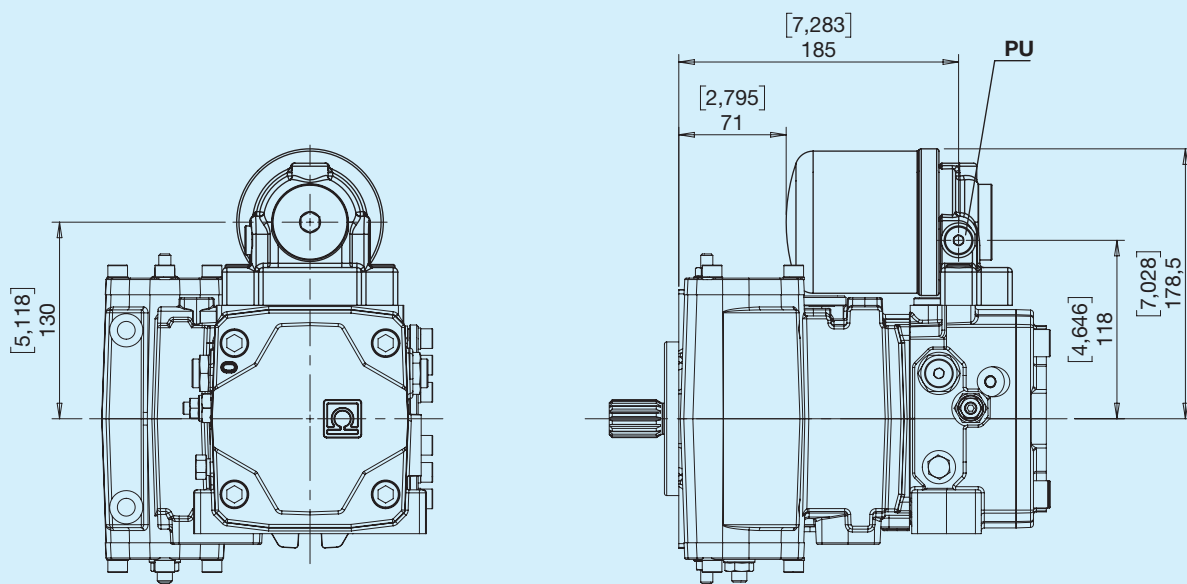
X Filtro con indicatore di intasamento



Schema idraulico

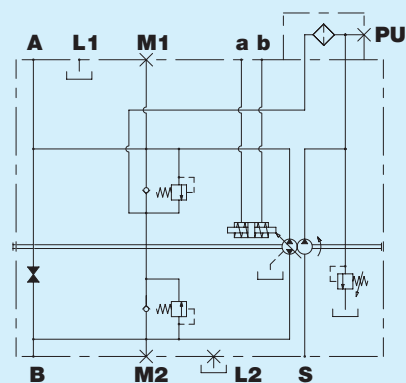


Y Filtro senza indicatore di intasamento



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													
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													
	G Gas					U Unf								
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			V Valvola di flussaggio			X Filtro con indicatore di intasamento elettrico				
	H Inching idraulico (solo comando A)			M Inching meccanico (solo comando A)			W Limitatore di potenza			Y Filtro senza indicatore di intasamento elettrico				
12 13 14	Esecuzioni speciali													
	...													