

HPL ..2

POMPE E MOTORI AD INGRANAGGI GEAR PUMPS AND MOTORS ZAHNRADPUMPEN UND -MOTOREN

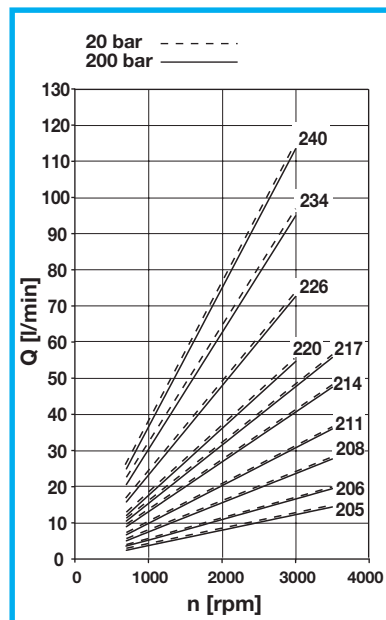
HPL PA2

POMPE AD INGRANAGGI GEAR PUMPS ZAHNRADPUMPEN

DATI TECNICI • TECHNICAL DATA • TECHNISCHE MERKMALE

GRUPPO GROUP BAUREIHE	TIPO TYPE TYP	CILINDRATA TEORICA NOMINAL DISPLACEMENT FÖRDERVOLUMEN (TM)		PRESSIONE - PRESSURE - DRUCK						VELOCITÀ DI ROTAZIONE SPEED DREHZAHL		MASSA WEIGHT GEWICHT	
		cm ³	in ³	CONTINUA CONTINUOUS DAUER		INTERMITTENTE INTERMITTENT INTERMITTIERENDER		PICCO PEAK SPITZEN		MAX min ⁻¹	MIN min ⁻¹	Kg	lbs
				bar	psi	bar	psi	bar	psi				
2	05	4,50	0,27	240	3481	260	3771	300	4351	3500	700	2,30	5,07
	06	6,00	0,37	240	3481	260	3771	300	4351			2,40	5,29
	08	8,50	0,52	230	3336	250	3626	280	4061			2,40	5,29
	11	11,00	0,67	230	3336	250	3626	280	4061			2,40	5,29
	14	14,50	0,88	230	3336	250	3626	280	4061			2,80	6,17
	17	17,00	1,04	230	3336	250	3626	280	4061			2,80	6,17
	20	19,50	1,19	200	2901	220	3191	250	3626			2,80	6,17
	26	26,00	1,59	180	2611	190	2756	210	3046			3,10	6,83
	34	34,00	2,07	160	2321	170	2466	190	2756	3,40	7,50		
	40	40,50	2,47	140	2031	160	2321	180	2611	3,60	7,94		

DIAGRAMMA PORTATE DIAGRAMS • KENNLINIEN



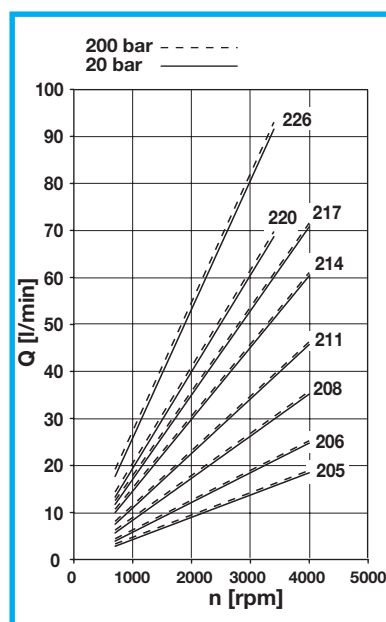
HPL MA2

MOTORI AD INGRANAGGI GEAR MOTORS ZAHNRADMOTOREN

DATI TECNICI • TECHNICAL DATA • TECHNISCHE MERKMALE

GRUPPO GROUP BAUREIHE	TIPO TYPE TYP	CILINDRATA TEORICA NOMINAL DISPLACEMENT FÖRDERVOLUMEN (TM)		PRESSIONE - PRESSURE - DRUCK						VELOCITÀ DI ROTAZIONE SPEED DREHZAHL		MASSA WEIGHT GEWICHT	
		cm ³	in ³	CONTINUA CONTINUOUS DAUER		INTERMITTENTE INTERMITTENT INTERMITTIERENDER		PICCO PEAK SPITZEN		MAX min ⁻¹	MIN min ⁻¹	Kg	lbs
				bar	psi	bar	psi	bar	psi				
2	05	4,50	0,27	240	3481	260	3771	300	4351	4000	700	2,30	5,07
	06	6,00	0,37	240	3481	260	3771	300	4351			2,40	5,29
	08	8,50	0,52	230	3336	250	3626	280	4061			2,40	5,29
	11	11,00	0,67	230	3336	250	3626	280	4061			2,40	5,29
	14	14,50	0,88	230	3336	250	3626	280	4061			2,80	6,17
	17	17,00	1,04	230	3336	250	3626	280	4061			2,80	6,17
	20	19,50	1,19	200	2901	220	3191	250	3626			2,80	6,17
	26	26,00	1,59	180	2611	190	2756	210	3046	3,10	6,83		

DIAGRAMMA PORTATE DIAGRAMS • KENNLINIEN

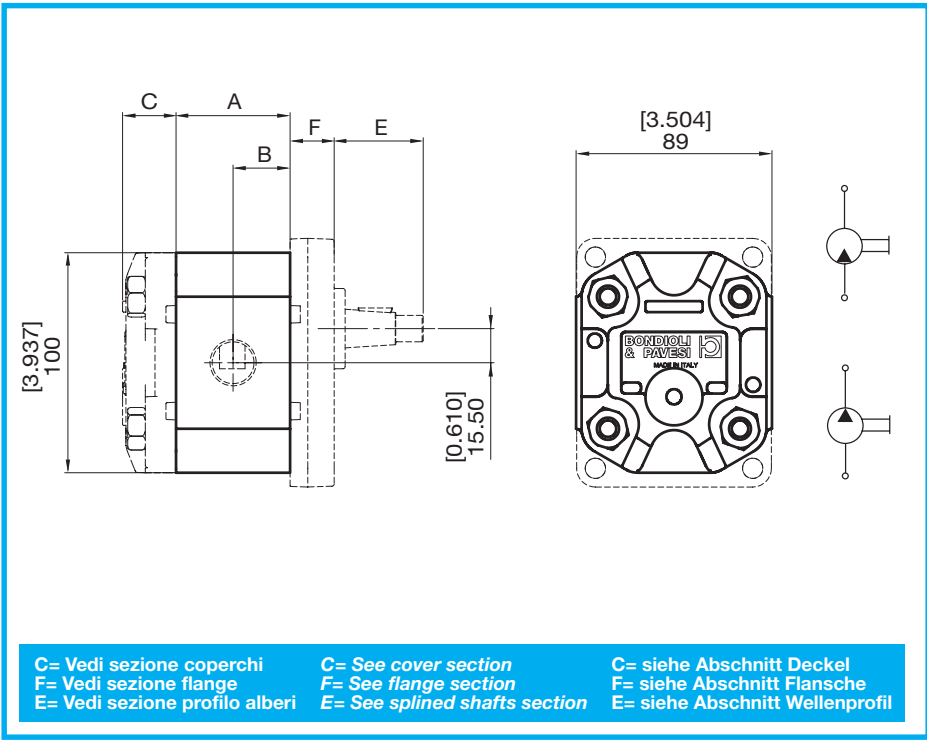




POMPE E MOTORI AD INGRANAGGI
GEAR PUMPS AND MOTORS
ZAHNRADPUMPEN UND -MOTOREN

HPL..2

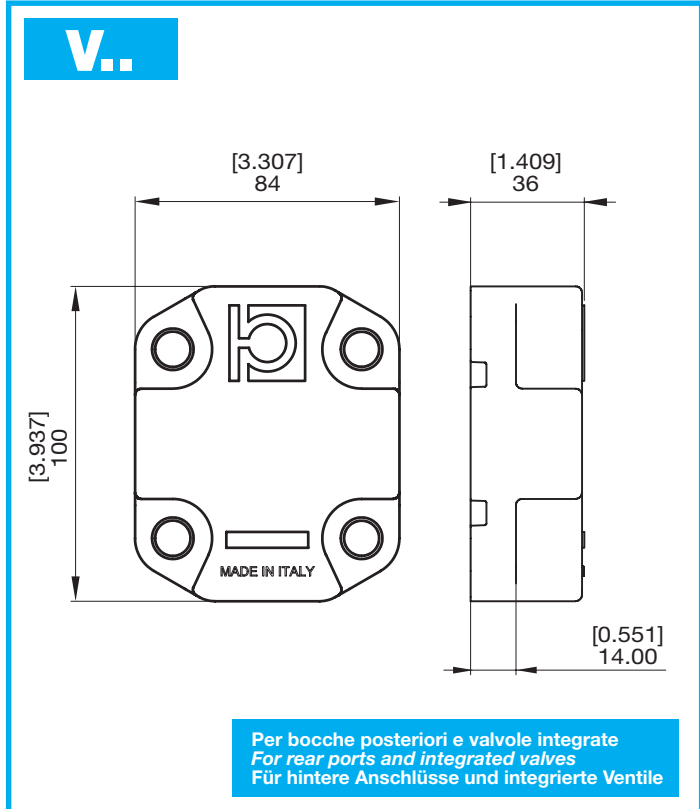
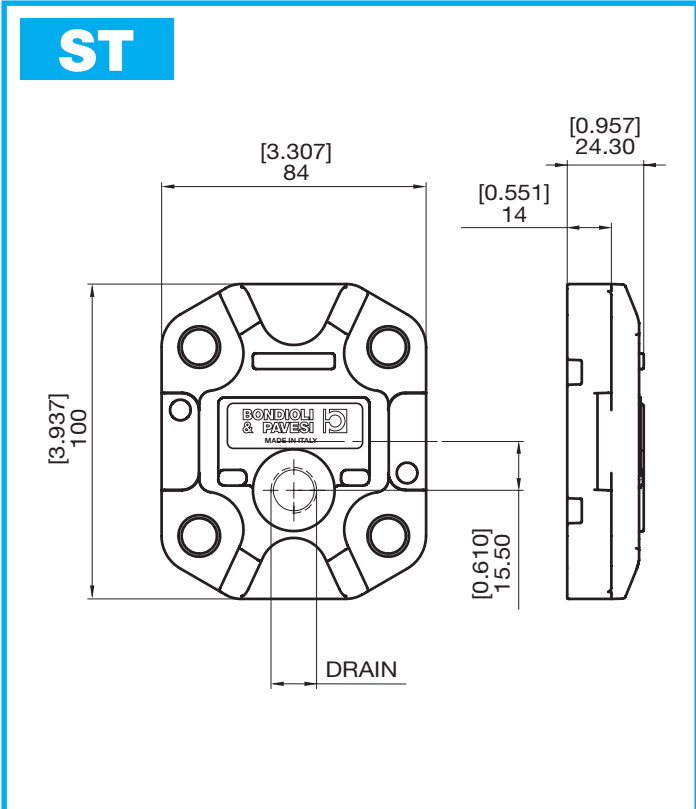
DIMENSIONE • SIZE
ABMESSUNGEN



GRUPPO GROUP BAUREIHE	TIPO TYPE TYP	A		B	
		mm	in	mm	in
2	05	49,15	1,935	24,6	0,968
	06	51,85	2,041	25,9	1,021
	08	56,35	2,219	28,2	1,109
	11	60,85	2,396	30,4	1,198
	14	67,25	2,648	33,6	1,324
	17	71,75	2,825	35,9	1,412
	20	76,25	3,002	38,1	1,501
	26	88,55	3,486	44,3	1,743
	34	102,55	4,037	51,3	2,019
	40	115,07	4,530	57,5	2,265

C= Vedi sezione coperchi C= See cover section C= siehe Abschnitt Deckel
 F= Vedi sezione flange F= See flange section F= siehe Abschnitt Flansche
 E= Vedi sezione profilo alberi E= See splined shafts section E= siehe Abschnitt Wellenprofil

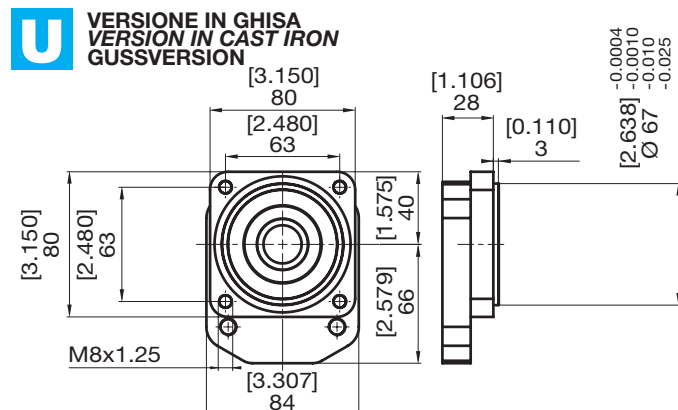
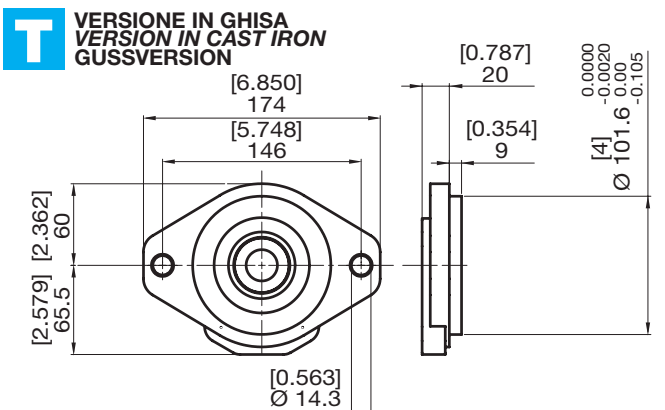
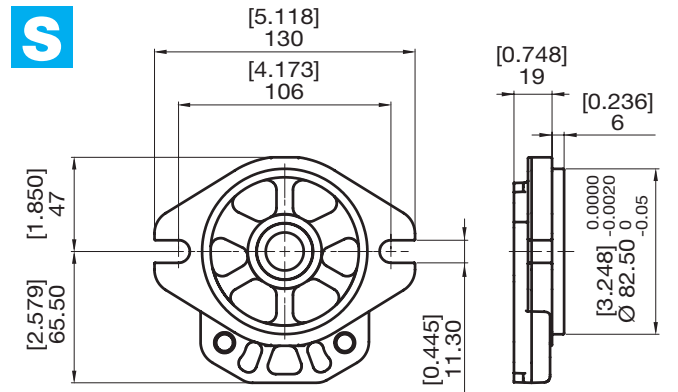
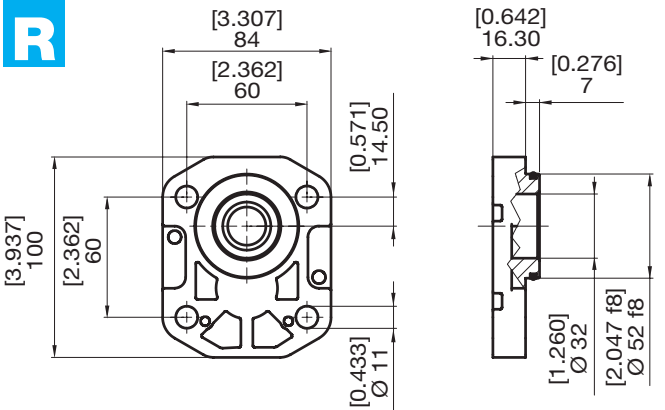
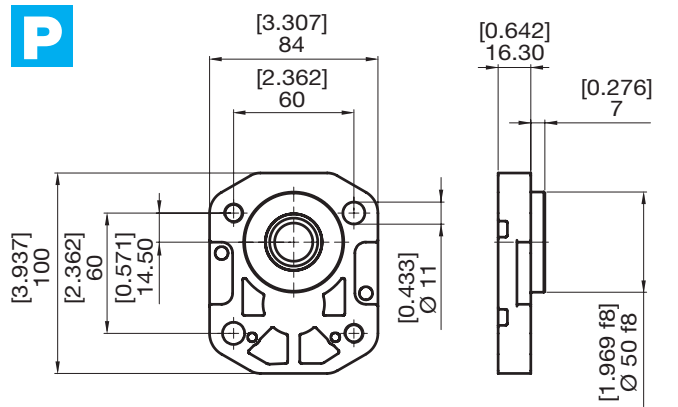
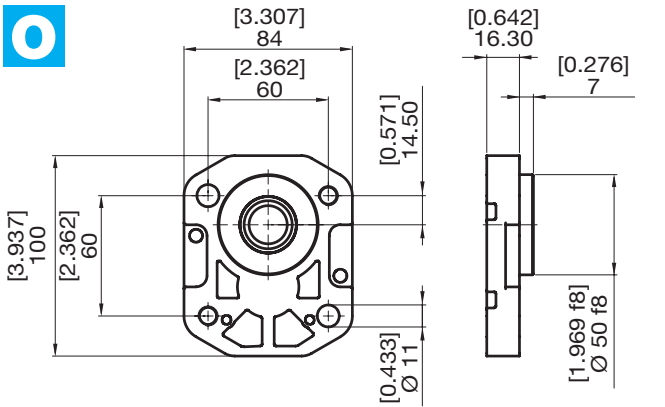
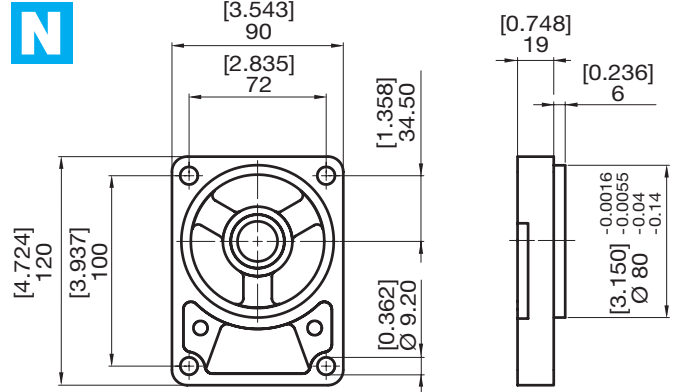
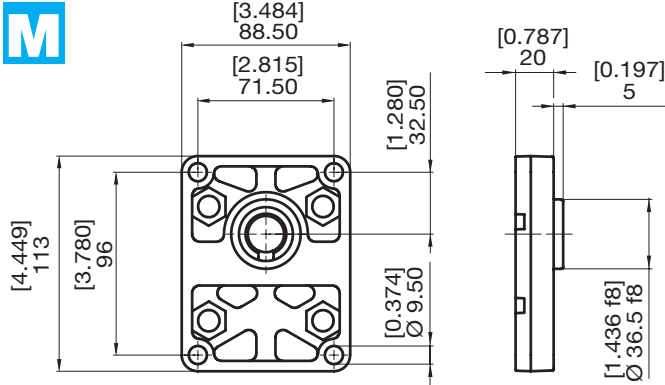
COPERCHI
COVERS
DECKEL



Per bocche posteriori e valvole integrate
 For rear ports and integrated valves
 Für hintere Anschlüsse und integrierte Ventile

**FLANGE
FLANGES
FLANSCH**

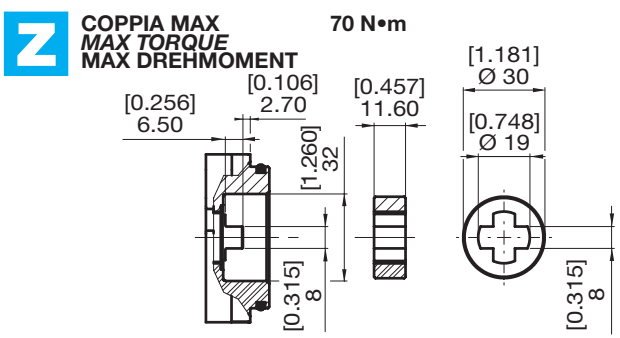
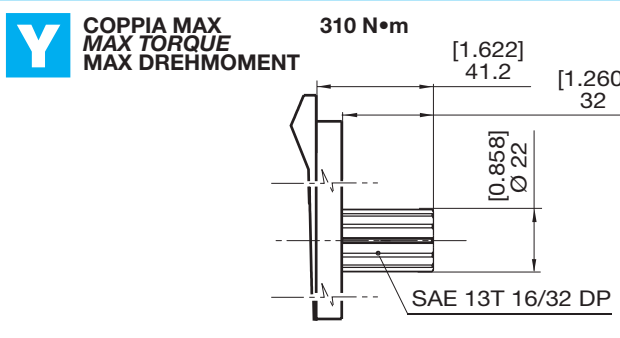
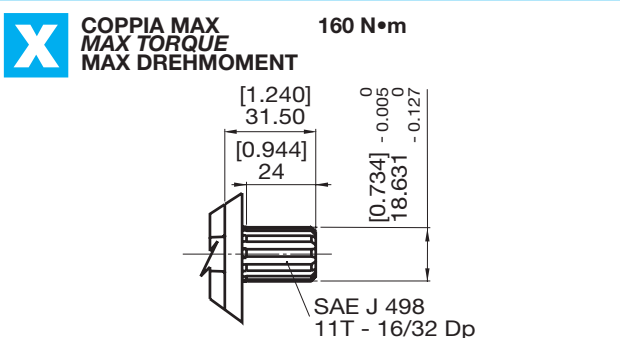
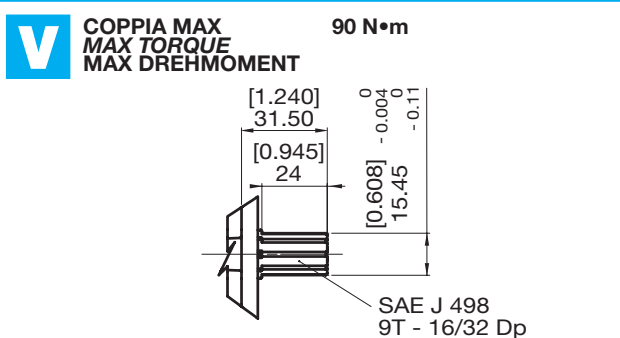
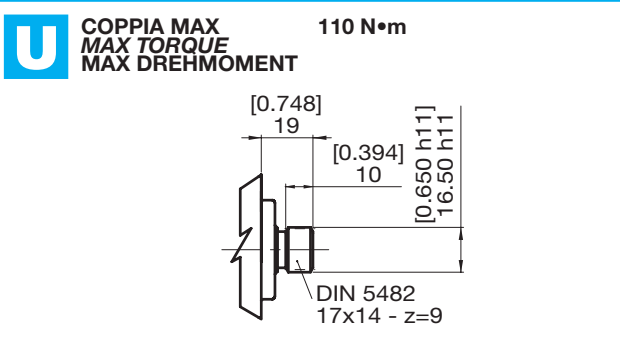
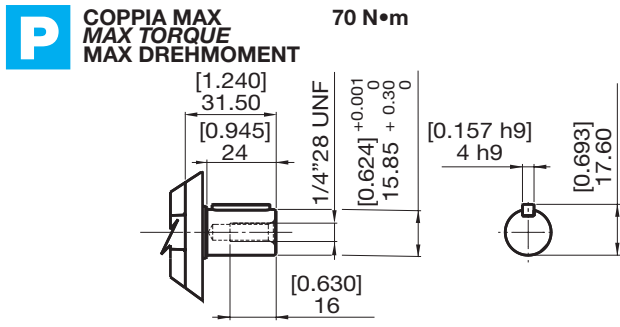
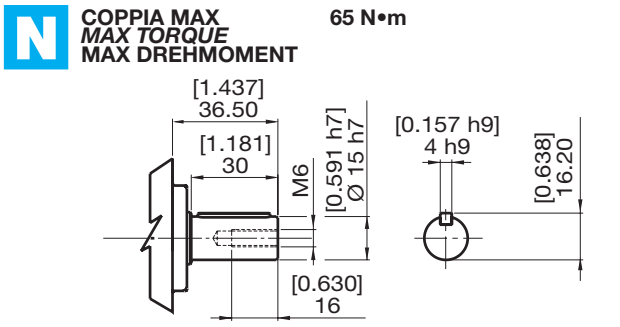
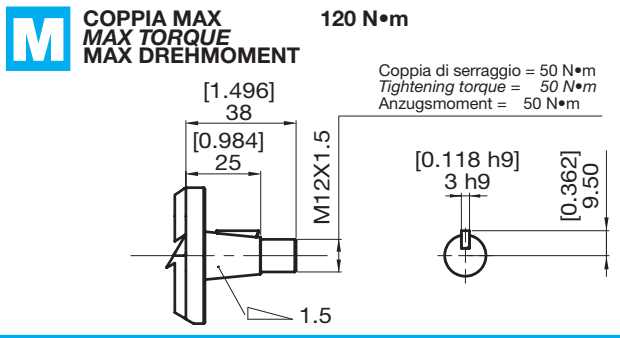
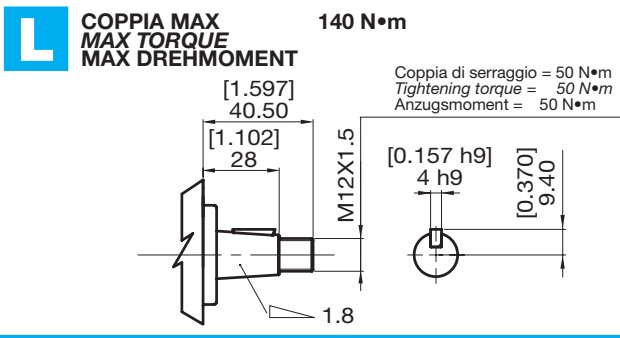
HPL..2





**PROFILO ALBERI
SPLINE SHAFTS
WELLENPROFILE**

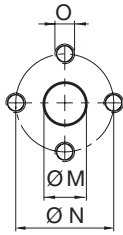
HPL..2



**BOCCHIE
PORTS
ANSCHLÜSSE**

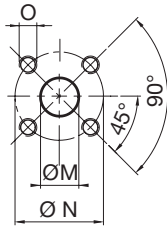
HPL..2

E LATERALE
LATERAL
SEITLICH



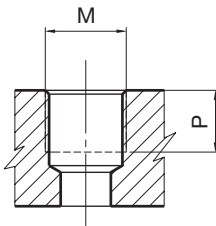
TIPO TYPE TYPE	M		N		O
	mm	in	mm	in	
E3	13	0,51	30	1,18	M6
E5	20	0,79	40	1,57	M8

X LATERALE
LATERAL
SEITLICH



TIPO TYPE TYPE	M		N		O
	mm	in	mm	in	
X4	15	0,59	35	1,38	M6
X5	15	0,59	40	1,57	M6
X6	20	0,79	40	1,57	M6

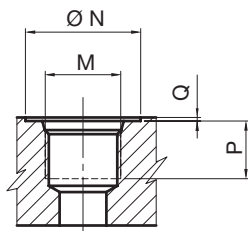
G LATERALE
LATERAL
SEITLICH



TIPO TYPE TYPE	M	P	
		mm	in
*G3	3/8" GAS BSPP	12	0,47
G4	1/2" GAS BSPP	16	0,63
G6	3/4" GAS BSPP	19	0,75
T4	1/2" GAS BSPP	16	0,63
T6	3/4" GAS BSPP	19	0,75

T POSTERIORE
REAR
HINTEN

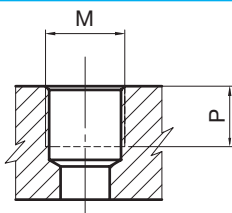
U LATERALE
LATERAL
SEITLICH



TIPO TYPE TYPE	DIMENSIONE SIZE GRÖSSE	N		P		Q	M	
		mm	in	mm	in			
*U3	3/8"	25	0,98	13	0,51	0,3	0,01	9/16-18 UNF
U5	5/8"	34	1,34	17	0,67	0,3	0,01	7/8-14 UNF
U6	3/4"	41	1,61	19	0,75	0,3	0,01	1-1/16-12 UNF
C5	5/8"	34	1,34	17	0,67	0,3	0,01	7/8-14 UNF
C6	3/4"	41	1,61	19	0,75	0,3	0,01	1-1/16-12 UNF

C POSTERIORE
REAR
HINTEN

M




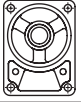







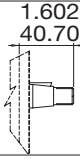



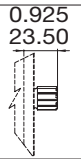
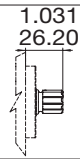



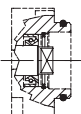
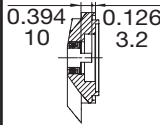






TIPO TYPE TYPE	M	P	
		mm	in
*M2	M14x1,5	12	0,47

* Drenaggio - Drain Port - Lecköl



COMBINAZIONI
COMBINATIONS
KOMBINATIONEN

HPL..2

ESTREMITÀ ALBERO SHAFT PROFIL WELLENENDE		FLANGE • FLANGE • FLANSCH							
		M 	N 	OP 	R 	S 	T 	U 	
L 	<input checked="" type="checkbox"/>								
M 		<input checked="" type="checkbox"/>		 1.602 40.70					
N 	<input checked="" type="checkbox"/>								
P 					<input checked="" type="checkbox"/>				
U 	<input checked="" type="checkbox"/>		 0.925 23.50	 1.031 26.20					
V 					<input checked="" type="checkbox"/>				
X 					<input checked="" type="checkbox"/>				
Y 						<input checked="" type="checkbox"/>			
Z 					<input checked="" type="checkbox"/>			 0.394 10 0.126 3.2	
BOCCHIE PORTS ANSCHLÜSSE									
E 	<input checked="" type="checkbox"/>								
G 	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
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U 					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
C 					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
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HPL PA 2 11 D M L G4 G4 B ST ..

SERIE
SERIES
SERIE

PRODOTTO
PRODUCT
PRODUKTE

MA - Motore
PA - Pompa singola
PT - Pompa predisposta

MA - Motor
PA - Pump
PT - Adapted Pump

MA - Motor
PA - Pumpe
PT - Vorbereitete Pumpe

GRUPPO
GROUP
BAUGRÖSSE

2

CILINDRATA
DISPLACEMENT
FÖRDERVOLUMEN

05 - 4,50
06 - 6,00
08 - 8,50
11 - 11,00
14 - 14,50
17 - 17,00
20 - 19,50
26 - 26,00
34 - 34,00
40 - 40,50

SENSO DI ROTAZIONE
ROTATION
DREHRICHTUNG

S - Antioraria/sinistra
Counterclockwise
Linkslauf

D - Oraria/destra
Clockwise
Rechtslauf

H - Bidirezionale drenaggio interno
Reversible ind drain.
reversibel, Lecköl intern, Anschluß seitlich

B - Bidirezionale drenaggio esterno posteriore
Reversible rear drain. pont.
reversibel, Lecköl extern, Anschluß hinten

SET VALVOLE
VALVE SETTING
VENTILEINSTELLUNG
(bar)

COPERCHI - COVERS - DECKEL

ST - Standard
V. - Con valvole
(Vedi sez. valvole)
With valves
(See valves section)
Mit Ventilen
(siehe Abschnitt Ventile)

GUARNIZIONI - SEALS - DICHTUNGEN

B - NBR
R - NBR alte pres. (25 bar)
high pres. (25 bar)
Hochdruck (25 bar)
V - Viton
W - Viton alte pres. (25 bar)
high pres. (25 bar)
Hochdruck (25 bar)

BOCCHES STD - STANDARD PORT - STANDARD ANSCHLÜSSE
CILINDRATA - DISPLACEMENT - FÖRDER-/SCHLUCKVOLUMEN

5.....8		11	14.....20		26.....40		DRAIN
Pompe - Pumps - Pumpen IN/OUT		Pompe - Pumps - Pumpen IN/OUT	Pompe - Pumps - Pumpen IN/OUT		Pompe - Pumps - Pumpen IN/OUT		DRAIN
E3 E3			E5 E3		E5 E5		M2
G4 G4			G6 G4		G6 G6		G3
X5 X4	X6 X4		X6 X4		X6 X5		M2
U6 U5			U6 U5		U6 U5		U3
C6 C5			C6 C5		C6 C5		U3
T6 T4			T6 T4		T6 T4		G3

MOTORI - MOTORS - MOTOREN OUT/IN

FLANGIA ANTERIORE
FRONT FLANGE
VORDERER FLANSCH

M - Europea
N - Tedesca
O - Tedesca D 50 2 fori DX
P - Tedesca D 50 2 fori SX
R - Tedesca D 52
S - SAE A 2 fori
T - SAE B 2 fori
U - Perkins

M - European
N - German
O - German D 50 2 holes right
P - German D 50 2 holes left
R - German D 52
S - SAE A 2 holes
T - SAE B 2 holes
U - Perkins

M - EU-Norm
N - DIN-Norm
O - DIN-Norm D 50 Bohrungen rechts
P - DIN-Norm D 50 Bohrungen links
R - DIN-Norm D 52
S - SAE A 2 Bohrungen
T - SAE B 2 Bohrungen
U - Perkins

ESTREMITÀ D'ALBERO
SHAFT PROFIL
WELLENENDE

L - Conico (1:8)
M - Conico (1:5)
N - Cilindrico D15 europeo
P - Cilindrico SAE "A"
U - Scanalato DIN 5482
V - Scanalato SAE "A" 9T
X - Scanalato SAE "A" 11T
Y - Scanalato SAE "B" 13T
Z - Dente frontale

L - Tapered (1:8)
M - Tapered (1:5)
N - D15 European parallel shaft
P - SAE "A" parallel shaft
U - DIN 5482 splined
V - SAE "A" 9T splined
X - SAE "A" 11T splined
Y - SAE "B" 13T splined
Z - Tang drive

L - Kegel (1:8)
M - Kegel (1:5)
N - zylindrisch (E-norm)
P - zylindrisch SAE "A"
U - Keilwelle DIN 5482
V - Keilwelle SAE "A" 9T
X - Keilwelle SAE "A" 11T
Y - Keilwelle SAE "B" 13T
Z - Kreuzprofil



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