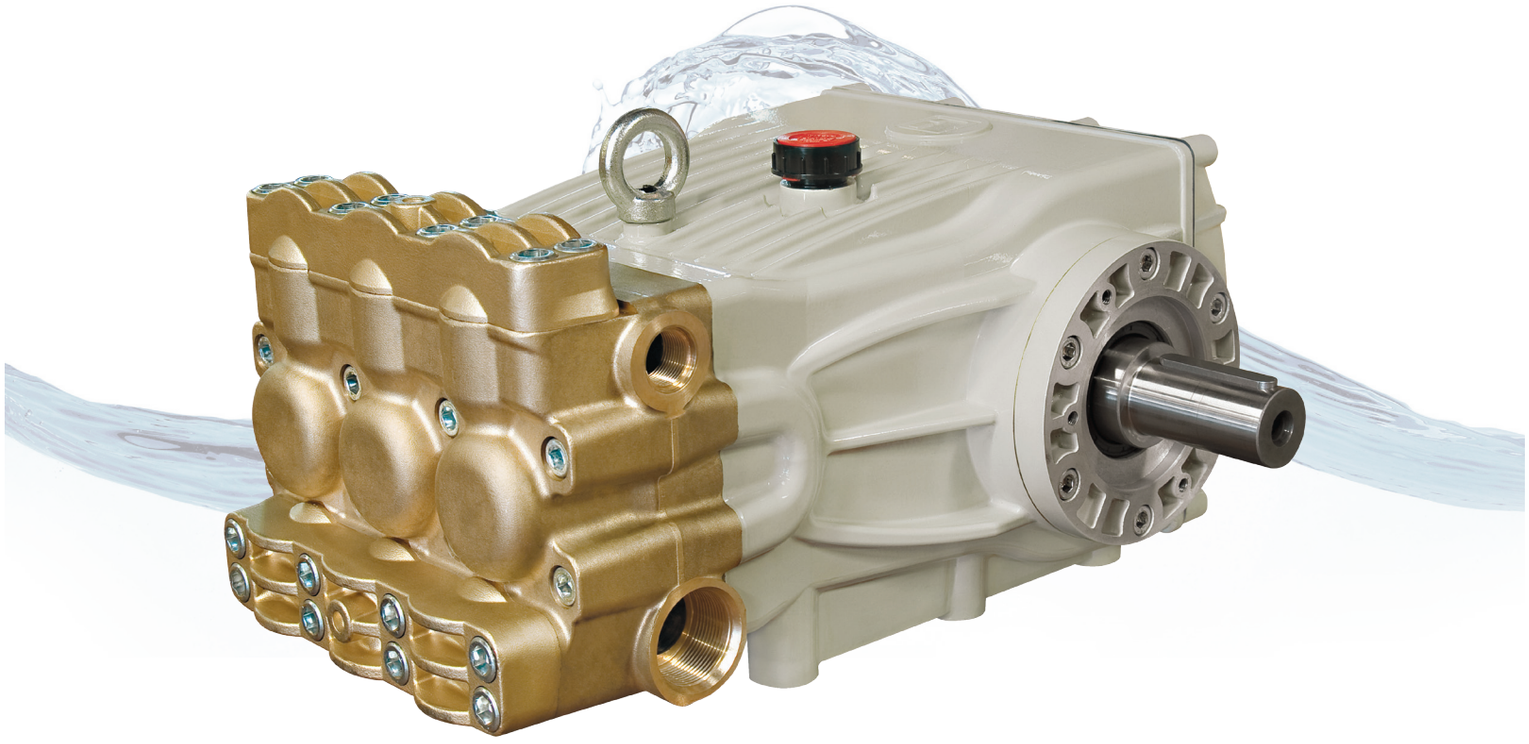
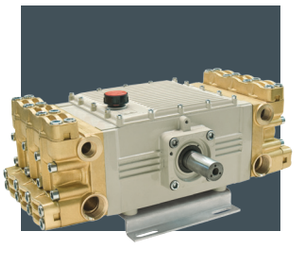
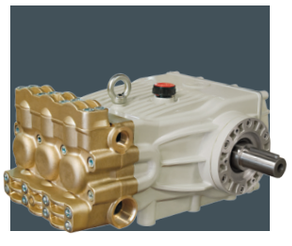
serie Heavy Duty







SERIE PER IMPIEGO CONTINUO

NON STOP SERVICE

SERIE POUR GROS TRAVAUX INTENSIFS

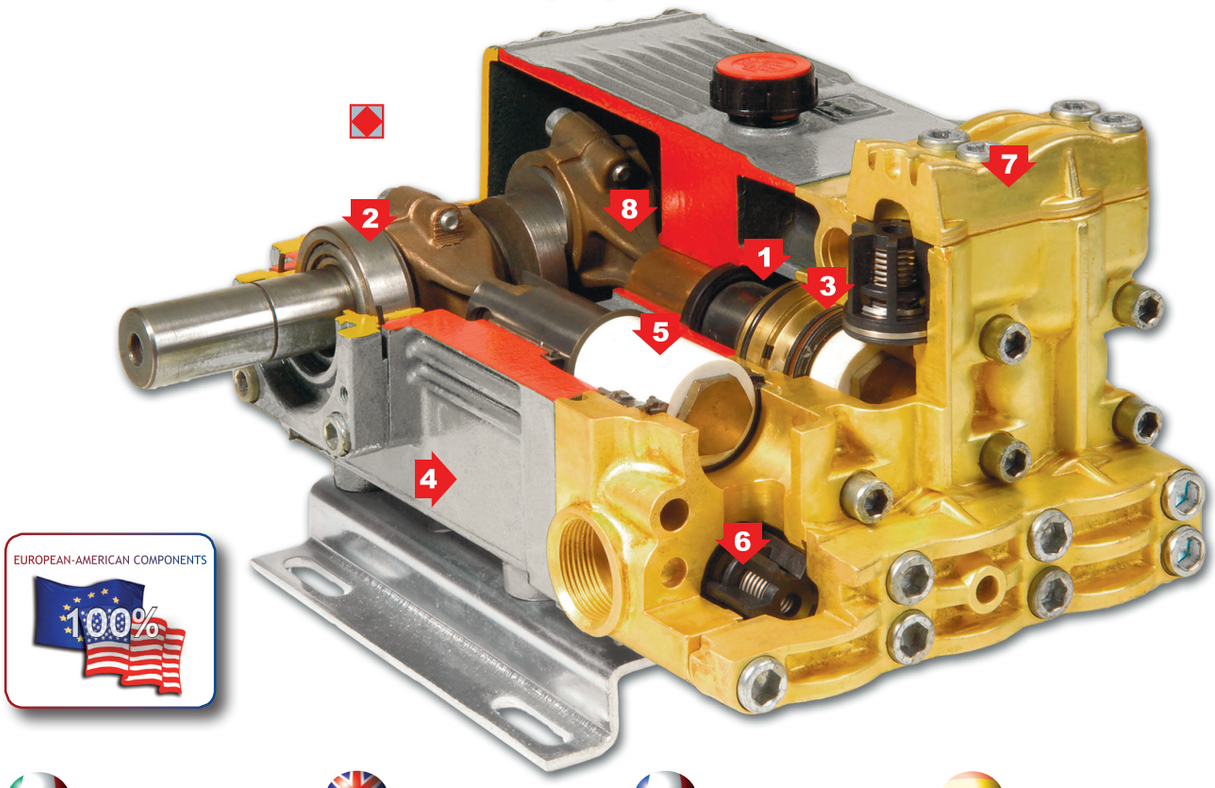
SERIE PARA EMPLEO CONTINUATIVO

VERSIONI VERSIONS VERSIONS VERSIONES	CK 3003 CPQ	C 3006 CX	50÷250 BAR 45÷254 l/min	725÷3625PSI 11.9÷67.0 GPM

APPLICAZIONI
APPLICATIONS
APPLICATIONS
APLICACIONES

HP WJP more... 8

RAGIONI • REASONS
RAISONS • RAZONES



1 Boccole autolubrificanti antifrizione brevettate in PTFE, riducono l'effetto frizione e garantiscono un'operatività a progressione continua.

2 Cuscinetti a rulli conici di primaria marca per condizioni di lavoro estese ad ogni applicazione.

3 Doppia guarnizione a "V" autolubrificante in elastomero rinforzato che ne ottimizza la durata.

4 Carter in alluminio pressofuso con caratteristiche di alta resistenza e trattamento di anodizzazione anti-corrosivo.

5 Pistoni in ceramica integrale di grande qualità.

6 Valvole aspirazione e mandata in acciaio inox 316. Intercambiabili: aspirazione e mandata, con alta efficienza volumetrica e massima capacità di aspirazione.

7 Testata in ottone forgiato per coniugare la resistenza alla compatibilità chimica.

8 Biella con sistema a interfaccia autoallineante e superficie speculare in lega di bronzo.
Riduce definitivamente l'effetto frizione e l'usura per riscaldamento.

1 *Patented du-dry plunger rod bushing PTFE coated greatly reduces friction for smooth operation.*

2 *Premium oversized taper roller bearings designed to endure heavier loads and extended operations.*

3 *Double "V" packing self-lubricating sealing system in elastomer maximizes seal life.*

4 *Compact diecast aluminium crankcase for high strength and anodized for corrosion resistance.*

5 *Highly polished solid ceramic pistons reduce friction and prolong seal life.*

6 *Stainless steel check valves. Separately interchangeable inlet-outlet, they ensure the greatest volumetric efficiency and suction capability.*

7 *Forged brass head assures chemicals resistance.*

8 *Interlocking "self-aligning" connecting rods in bronze guarantee perfect alignement, ultimately reducing friction, heat, wear and noise.*

1 Bagues autolubrifiantes brevetées PTFE qui réduisent l'effet friction, assurent une étanchéité parfaite et un fonctionnement régulier.

2 Roulements à rouleux coniques pour consolider la durée de la pompe, permettent d'avoir moins usure, moins bruit, moins effort et surtout une meilleure rotation de l'arbre de la pompe.

3 Doubles joints à "V" autolubrifiants en élastomère renforcé pour optimiser leur durée et permettre une meilleure étanchéité.

4 Grand carter en aluminium moulé sous pression, très résistant , revetî par un traitement anti-corrosif (anodisation).

5 Pistons en céramique intégrale parfaitement traités et une finition de surface impeccable augmente l'étanchéité des joints.

6 Clapets aspiration-refoulement en acier inox. Séparément interchangeables: aspiration et refoulement, ils permettent d'obtenir le plein rendement volumétrique, aussi bien que la capacité d'aspiration max.

7 Culasse en laiton pour consolider la résistance aux produits chimiques.

8 Bielle avec surface importante en bronze qui limite invariablement l'effet friction et l'usure due à l'effort de la bielle sur l'arbre de la pompe.

1 *Casquillos autolubricantes antifricción patentados PTFE que reducen el efecto fricción y garantizan una operatividad a progresión continua.*

2 *Cojinetes de rodillos cónicos de primera marca resistentes a condiciones de trabajo extremas y de todo tipo.*

3 *Doble junta "V" autolubricante en elastómero reforzado que optimiza la duración.*

4 *Cárter en aluminio fundido a presión con características de alta resistencia y tratamiento de anodización anticorrosión.*

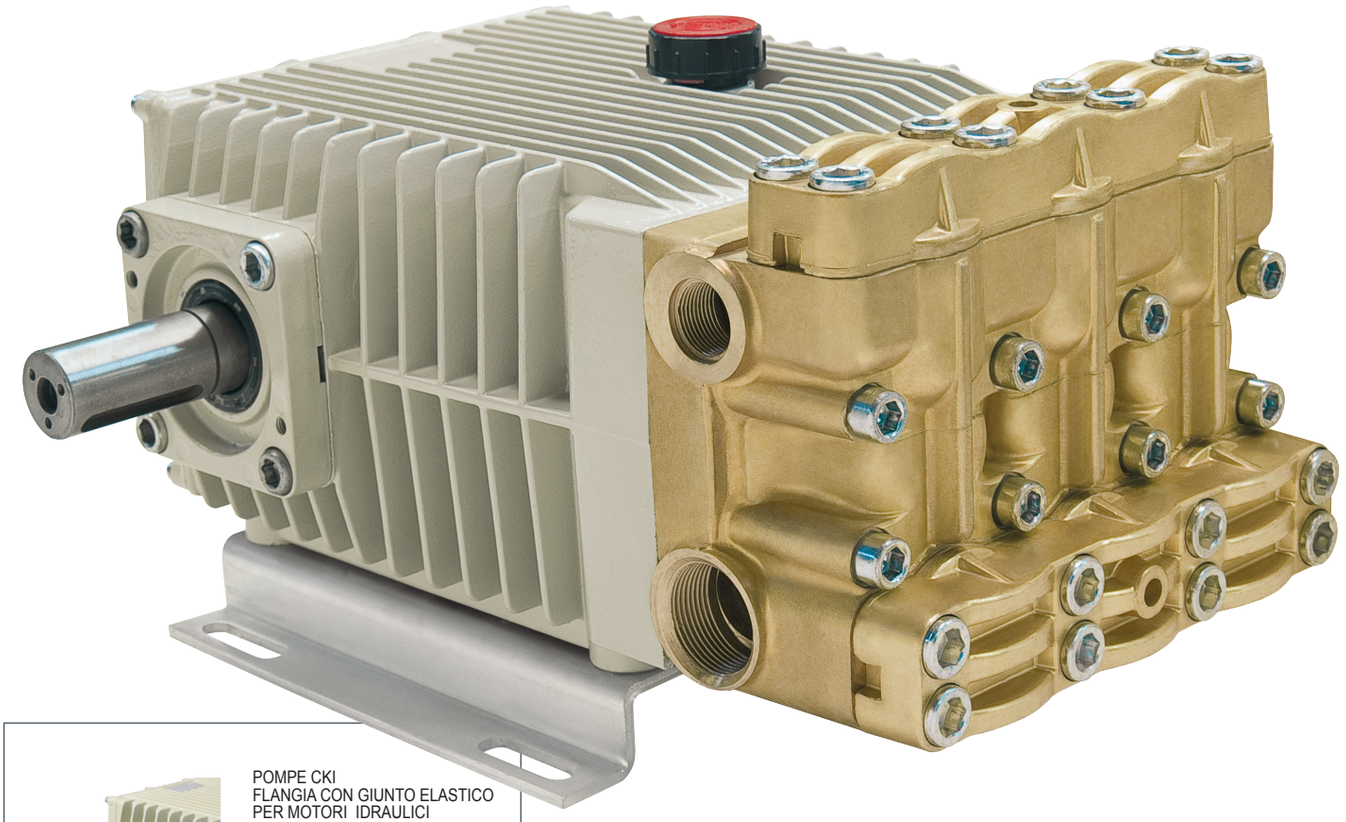
5 *Pistones en cerámica integral de alta calidad.*

6 *Válvulas de aspiración y envío en acero inox 316.*
Intercambiables: aspiración y envío, con alta eficiencia volumétrica y máxima capacidad de aspiración.

7 *Culata en latón para juntar la resistencia y la compatibilidad química.*

8 *Biela con sistema de interfase autoalineante y superficie especular en aleación de bronce. Reduce definitivamente el efecto fricción y el deterioro por recalentamiento.*

HP WJP serie Heavy Duty CK3003



POMPE CKI
FLANGIA CON GIUNTO ELASTICO
PER MOTORI IDRAULICI
(vedi pag.30)

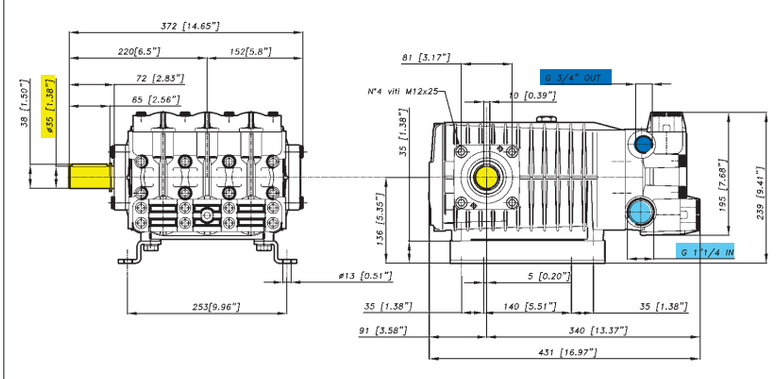
PUMPS CKI
BELL HOUSING + FLEXIBLE COUPLING FOR HYDRAULIC MOTORS
(see page 30)

POMPES CKI
BRIDE AVEC ACCOUPLEMENT
ELASTIQUE POUR MOTEURS
HYDRAULIQUES
(voir page 30)

BOMBAS CKI
BRIDA CON JUNTA ELÁSTICA
PARA MOTORES HIDRÁULICOS
(véase pág.30)

CARATTERISTICHE - SPECIFICATIONS

IN	DIAMETER	Ø	1" 1/4 BSP
	PRESS.	Min.	-0.2 bar - 3 PSI
		Max.	6 bar 87 PSI
	TEMP.	Max.	60° C. 140° F.
OUT	DIAMETER	Ø	3/4 BSP
SHAFT		Ø	35 mm
OIL		SAE 75W90	2.8 litri 0.74 U.S.G.
PESO WEIGHT		Kg / lbs	52 / 114.4



CK 2203

CARATTERISTICHE - FEATURES — PERFORMANCE CHART

MODELLO *MODEL* CODICE *PART NR.*	MAX L/min	MAX *GPM*	PRESS Bar	PRESS *PSI*	RPM 1000 L/min	RPM 1000 *GPM*	RPM 1000 KW	RPM 1000 *HP*	RPM 1450 L/min	RPM 1450 *GPM*	RPM 1450 KW	RPM 1450 *HP*	RPM 1725 L/min	RPM 1725 *GPM*	RPM 1725 KW	RPM 1725 *HP*	PIST. *PLUNG.* Dia. mm	CORSA *STROKE* mm
CK 2216 73.8510.97.3 (*)	70	18.5	100	1450	45	11.9	8.9	11.9	63	16.6	12.3	16.5	70	18.5	13.7	18.4	30	22
			125	1813	45	11.9	11.0	14.8	63	16.5	15.3	20.6	70	18.4	17.1	22.9		
			150	2175	45	11.8	13.2	17.7	62	16.4	18.3	24.6	69	18.3	20.4	27.3		
CK 2220 73.8506.97.3 (*)	80	21.1	100	1450	58	15.2	11.3	15.2	80	21.1	15.7	21.1	N.D. N.A.				30	28
			125	1813	57	15.1	14.1	18.8	80	21.0	19.5	26.2						
			150	2175	57	15.1	16.8	22.5	79	20.9	23.3	31.3						
CKL 2226 73.8616.97.3 (*)	97	25.7	100	1450	70	18.5	13.7	18.4	97	25.7	19.1	25.6	N.D. N.A.				30	34
			125	1813	70	18.4	17.1	22.9	97	25.5	23.7	31.8						
			150	2175	69	18.3	20.4	27.3	96	25.4	28.3	38.0						
CKL 2230 73.8617.97.3 (*)	114	30.2	100	1450	82	21.7	16.1	21.6	114	30.2	22.4	30.1	N.D. N.A.				30	40
			125	1813	82	21.6	20.1	26.9	114	30.0	27.9	37.4						
			150	2175	81	21.5	24.0	32.1	113	29.9	33.3	44.7						
CKL 2233 73.8618.97.3 (*)	126	33.2	100	1450	90	23.9	17.8	23.8	126	33.2	24.7	33.1	N.D. N.A.				30	44
			125	1813	90	23.8	22.1	29.6	125	33.0	30.7	41.2						
			150	2175	90	23.7	26.4	35.4	124	32.9	36.6	49.1						

CK 1203

CARATTERISTICHE - FEATURES — PERFORMANCE CHART

MODELLO *MODEL* CODICE *PART NR.*	MAX L/min	MAX *GPM*	PRESS Bar	PRESS *PSI*	RPM 550 L/min	RPM 550 *GPM*	RPM 550 KW	RPM 550 *HP*	RPM 750 L/min	RPM 750 *GPM*	RPM 750 KW	RPM 750 *HP*	RPM 1000 L/min	RPM 1000 *GPM*	RPM 1000 KW	RPM 1000 *HP*	PIST. *PLUNG.* Dia. mm	CORSA *STROKE* mm
CK 1224 73.8500.97.3 (*)	101	26.6	50	725	56	14.8	5.5	7.4	76	20.2	7.5	10.0	101	26.6	9.9	13.3	45	22
			65	943	56	14.7	7.1	9.5	76	20.1	9.7	13.0	100	26.5	12.8	17.1		
			80	1160	55	14.6	8.7	11.7	76	20.0	11.9	15.9	100	26.3	15.7	21.0		
CK 1229 73.8501.97.3 (*)	127	33.5	50	725	71	18.8	7.0	9.4	97	25.7	9.5	12.8	127	33.5	12.4	16.7	45	28
			65	943	71	18.7	9.0	12.1	97	25.5	12.3	16.5	126	33.3	16.1	21.6		
			80	1160	71	18.6	11.1	14.9	96	25.4	15.1	20.3	126	33.2	19.7	26.4		
CK 1235 73.8502.97.3 (*)	151	39.8	50	725	86	22.8	8.5	11.4	117	30.8	11.5	15.4	151	39.8	14.8	19.8	45	34
			65	943	86	22.7	11.0	14.7	116	30.7	14.8	19.9	150	39.6	19.1	25.7		
			80	1160	86	22.6	13.4	18.0	116	30.5	18.1	24.3	149	39.4	23.4	31.4		

(*) Per specificare la versione aggiungere al codice:
L = albero sinistro dia.35 mm
R = albero destro dia.35 mm
I = albero speciale sinistro per applicazioni a motori idraulici (pompe CKI)

(*) To specify the version pls. add to the last number:
L = left side shaft dia.35 mm
R = right side shaft dia.35 mm
I = special left side shaft for hydraulic motors applications (pumps CKI)

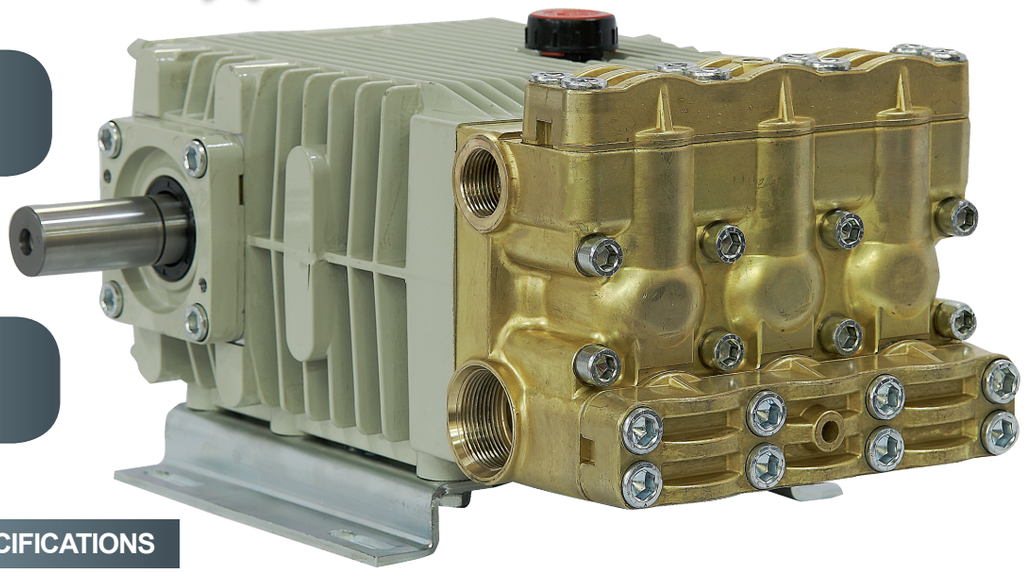
(*) Pour spécifier la version ajouter à la réf.:
L = arbre côté gauche dia.35 mm
R = arbre côté droit dia.35 mm
I = arbre côté gauche spécial pour accouplement aux moteurs hydrauliques (pompes CKI)

(*) Para especificar la versión añadir a la referencia:
L = cigüeñal a la izquierda dia.35 mm
R = cigüeñal a la derecha dia.35 mm
I = cigüeñal especial a la izquierda para aplicaciones con motores hidráulicos (bombas CKI)

HP WJP New serie Heavy Duty CPQ

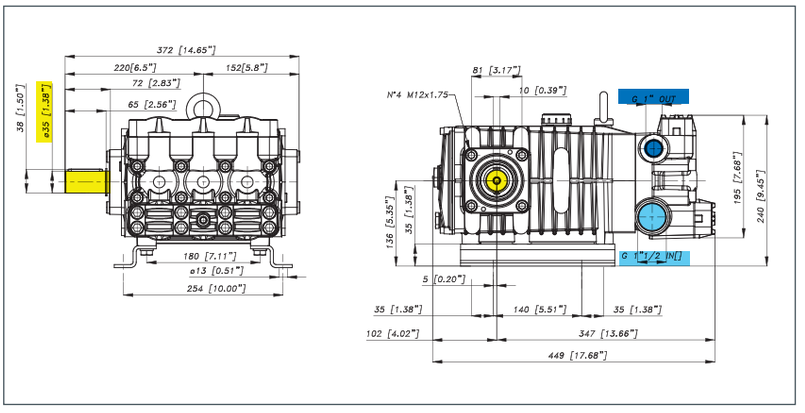
160 l/min
42.3 GPM

200 BAR
2900 PSI



CARATTERISTICHE - SPECIFICATIONS

IN	DIAMETER	⌀	1" 1/2 BSP
	PRESS.	Min.	-0.2 bar - 3 PSI
		Max.	6 bar 87 PSI
	TEMP.	Max.	60° C. 140° F.
OUT	DIAMETER	⌀	1" BSP
SHAFT	⌀	⌀	35 mm
OIL		SAE 75W90	2.8 litri 0.74 U.S.G.
PESO WEIGHT		Kg / lbs	55 / 121.3



CARATTERISTICHE - FEATURES

PERFORMANCE CHART

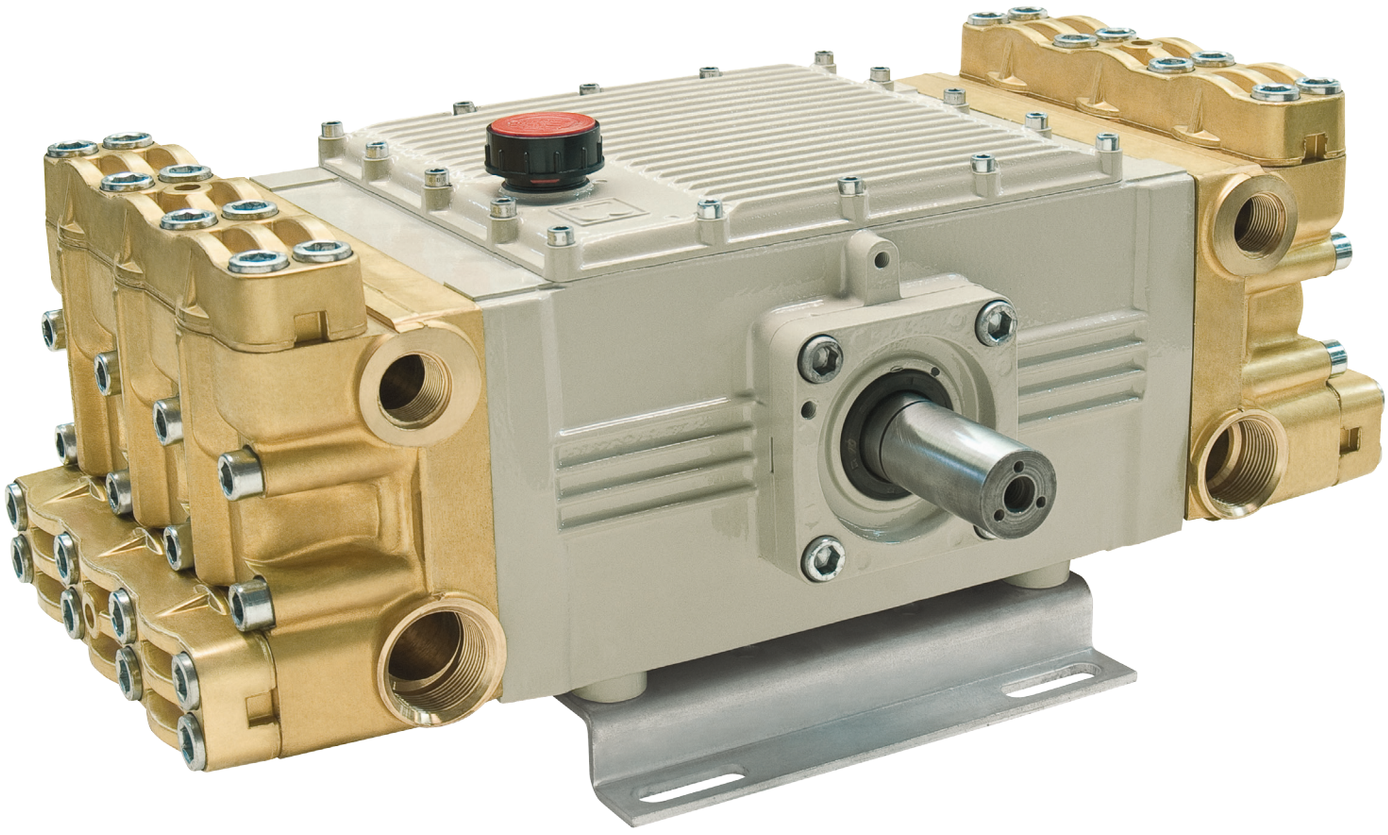
MODELLO *MODEL* CODICE *PART NR.*	MAX L/min	MAX *GPM*	PRESS Bar	PRESS *PSI*	RPM 700 L/min	RPM 700 *GPM*	RPM 700 KW	RPM 700 *HP*	RPM 850 L/min	RPM 850 *GPM*	RPM 850 KW	RPM 850 *HP*	RPM 1000 L/min	RPM 1000 *GPM*	RPM 1000 KW	RPM 1000 *HP*	PIST. *PLUNG.* Dia. mm	CORSA *STROKE* mm
CPQ 9020 73.8626.97.3(*)	90	23.8	150	2175	63	16.5	18.5	24.7	76	20.2	22.5	30.2	90	23.8	26.5	35.6	30	44
			180	2610	62	16.5	22.0	29.5	75	19.8	26.5	35.5	87	23.1	30.9	41.4		
			200	2900	62	16.4	24.4	32.7	75	19.7	29.3	39.2	87	22.9	34.1	45.7		
CPQ 1316 73.8628.97.3(*)	130	34.3	100	1450	90	23.8	17.7	23.8	110	29.1	21.6	29.0	130	34.3	25.5	34.1	36	44
			130	1885	90	23.7	22.9	30.7	108	28.5	27.5	36.9	126	33.3	32.1	43.1		
			160	2320	89	23.6	28.1	37.6	107	28.3	33.7	45.2	125	33.0	39.2	52.6		
CPQ 1413 73.8629.97.3(*)	146	38.4	90	1305	101	26.7	17.9	24.0	123	32.6	21.8	29.3	146	38.4	25.7	34.5	40	40
			110	1595	101	26.6	21.8	29.2	121	32.0	26.1	35.1	141	37.3	30.5	40.9		
			130	1885	100	26.5	25.6	34.3	120	31.8	30.7	41.2	140	37.0	35.8	48.0		
CPQ 1613 73.8630.97.3(*)	160	42.3	90	1305	111	29.4	19.7	26.4	136	35.9	24.0	32.2	160	42.3	28.3	37.9	40	44
			110	1595	111	29.3	23.9	32.1	133	35.2	28.8	38.6	155	41.1	33.6	45.0		
			130	1885	110	29.1	28.1	37.7	132	35.0	33.8	45.3	154	40.7	39.4	52.8		

(*) Per specificare la versione aggiungere al codice:
L = albero sinistro dia.35 mm
R = albero destro dia.35 mm

(*) To specify the version pls. add to the last number:
L = left side shaft dia.35 mm
R = right side shaft dia.35 mm

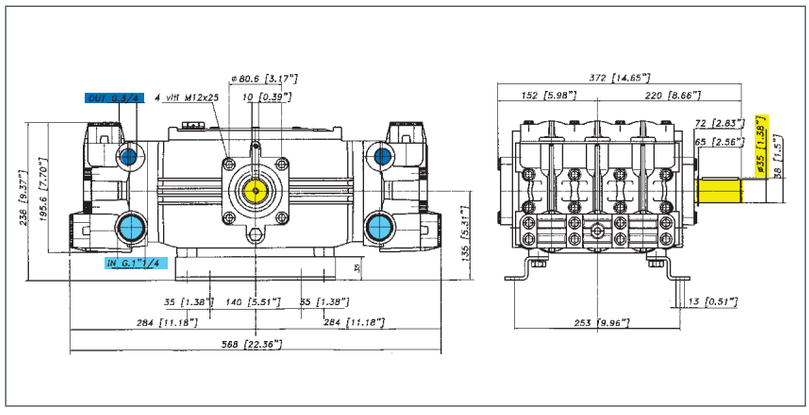
(*) Pour spécifier la version ajouter à la réf.:
L = arbre côté gauche dia.35 mm
R = arbre côté droit dia.35 mm

(*) Para especificar la versión añadir a la referencia:
L = cigüeñal a la izquierda dia.35 mm
R = cigüeñal a la derecha dia.35 mm



CARATTERISTICHE - SPECIFICATIONS

IN	DIAMETER	⌀	(N°2) 1" 1/4 BSP
	PRESS.	Min.	-0.2 bar - 3 PSI
		Max.	6 bar 87 PSI
	TEMP.	Max.	60° C. 140° F.
OUT	DIAMETER	⌀	(N°2) 3/4 BSP
SHAFT		⌀	35 mm
OIL		SAE 75W90	2,8 litri 0,74 U.S.G.
PESO WEIGHT		Kg / lbs	75.2 / 165.4



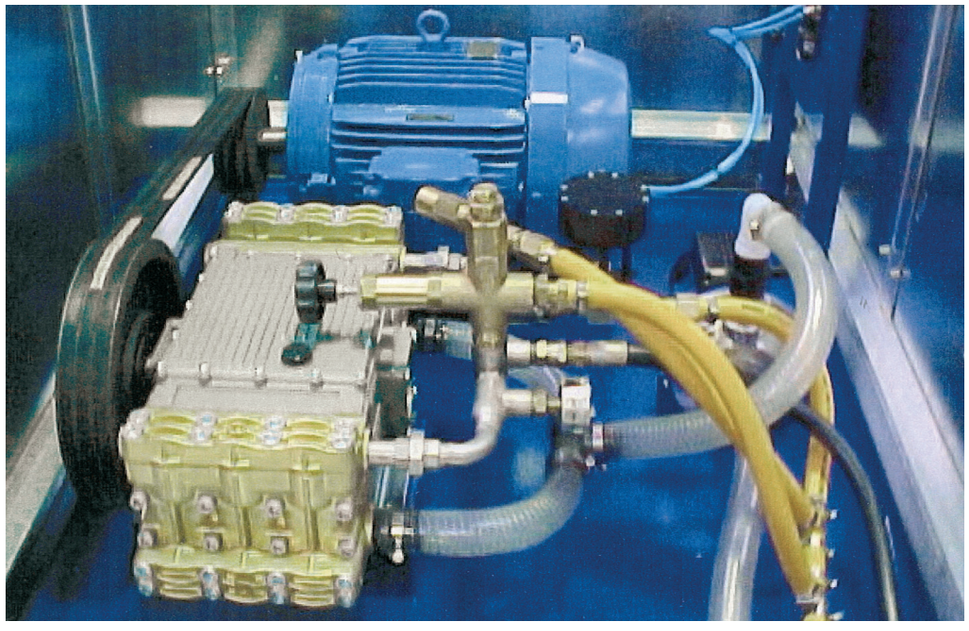
C 3006

CARATTERISTICHE - FEATURES — PERFORMANCE CHART

MODELLO *MODEL* CODICE *PART NR.*	MAX L/min	MAX *GPM*	PRESS Bar	PRESS *PSI*	RPM 1000 L/min	RPM 1000 *GPM*	RPM 1000 KW	RPM 1000 *HP*	RPM 1450 L/min	RPM 1450 *GPM*	RPM 1450 KW	RPM 1450 *HP*	RPM 1725 L/min	RPM 1725 *GPM*	RPM 1725 KW	RPM 1725 *HP*	PIST. *PLUNG.* Dia. mm	CORSA *STROKE* mm
C 1538 76.8002.97.3	**168**	*44.4*	**70**	*1015*	**109**	*28.7*	**15.0**	*20.1*	**151**	*39.9*	**20.8**	*27.9*	**168**	*44.4*	**23.1**	*31.0*	**38**	**16.5**
			90	*1305*	**108**	*28.6*	**19.1**	*25.7*	**150**	*39.7*	**26.6**	*35.7*	**167**	*44.2*	**29.6**	*39.7*		
			105	*1523*	**108**	*28.5*	**22.2**	*29.8*	**150**	*39.6*	**30.9**	*41.4*	**166**	*44.0*	**34.3**	*46.0*		

CARATTERISTICHE - FEATURES — PERFORMANCE CHART

MODELLO *MODEL* CODICE *PART NR.*	MAX L/min	MAX *GPM*	PRESS Bar	PRESS *PSI*	RPM 550 L/min	RPM 550 *GPM*	RPM 550 KW	RPM 550 *HP*	RPM 750 L/min	RPM 750 *GPM*	RPM 750 KW	RPM 750 *HP*	RPM 1000 L/min	RPM 1000 *GPM*	RPM 1000 KW	RPM 1000 *HP*	PIST. *PLUNG.* Dia. mm	CORSA *STROKE* mm
C 1248 76.8005.97.3	**201**	*53.2*	**50**	*725*	**112**	*29.6*	**11.0**	*14.7*	**153**	*40.3*	**15.0**	*20.1*	**201**	*53.2*	**19.8**	*26.5*	**45**	**22**
			65	*943*	**111**	*29.4*	**14.2**	*19.1*	**152**	*40.1*	**19.4**	*26.0*	**200**	*52.9*	**25.6**	*34.3*		
			80	*1160*	**111**	*29.3*	**17.4**	*23.3*	**151**	*39.9*	**23.7**	*31.8*	**199**	*52.7*	**31.3**	*42.0*		
C 1258 76.8000.97.3	**254**	*67.0*	**50**	*725*	**142**	*37.6*	**14.0**	*18.8*	**194**	*51.3*	**19.1**	*25.6*	**254**	*67.0*	**24.9**	*33.4*	**45**	**28**
			65	*943*	**142**	*37.4*	**18.1**	*24.3*	**193**	*51.1*	**24.7**	*33.1*	**252**	*66.7*	**32.2**	*43.2*		
			80	*1160*	**141**	*37.3*	**22.2**	*29.7*	**192**	*50.8*	**30.2**	*40.5*	**251**	*66.3*	**39.4**	*52.9*		

High performance - Low maintenance

Cold and Hot water cleaning solutions...