

35HP KV series



Scheda tecnica,
esplosi, manuali
uso e manuten-
zione

Data sheet,
exploded view,
repair & mainte-
nance manuals

COSTRUZIONE / CONSTRUCTION	
POWER FRAME	70
CONFIGURATION	TRIPLEX HOR
MATERIAL STANDARD	S.S. / ALU / CER



CARTER SIMMETRICO per conversione
rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and
quick right left side shaft conversion.



ATEX
II 2GD ck T4/T135°C
ON REQUEST

Standard

Pompa Pump	Portata Volume		Pressione Pressure			g/min r.p.m.	Potenza Power		Peso Weight
	L/min	US Gpm	bar	MPa	p.s.i.		hp	kW	kg
KV 12	12,8	3.4	1100	110	16000	1450	36,5	26,9	40
	15,4	4.1	1100	110	16000	1750	44,0	32,4	
KV 14	17,4	4.6	800	80	11600	1450	36,1	26,6	40
	21,0	5.5	800	80	11600	1750	43,6	32,0	

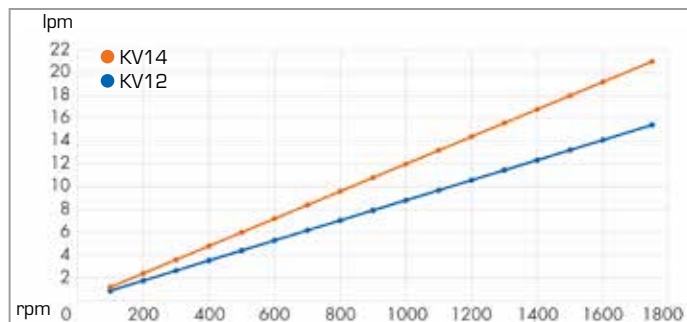
Portate teoriche con rendimento volumetrico 100%
Volumes are theoretical at 100% volumetric efficiency
Dati tecnici arrotondati per facilità di lettura
Technical data rounded for ease in readability

NEW RELIEF VALVE

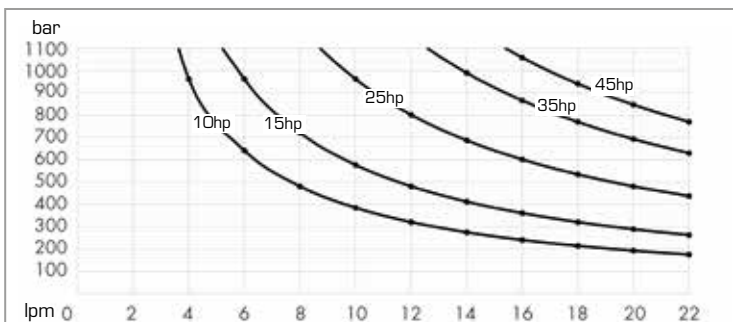


R1102

FLOW GRAPH (crankshaft speed)



POWER GRAPH



Dati indicativi non vincolanti soggetti a modifica senza preavviso/ Datas are indicative not binding subject to change without notice.

OPZIONI TRASMISSIONI - DRIVE OPTIONS



Predisposizione per motore idraulico
SAE J744-B albero scanalato 13T
16/32 DP
Hydraulic motor mount SAE J744-B
spline shaft 13T 16/32 DP



Flangia supporto per azionamenti
diretti 1450 rpm
Flange for direct drive mount
1450 rpm



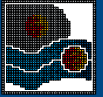
Predisposizione presa di forza
ausiliaria opposta albero moto
Auxiliary P.T.O. opposite
to shaft side

LETTORE DI GIRI ZRPM1 ZRPM1 REVOLUTION COUNTER

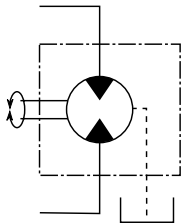


Sensore di prossimità induttivo completo di connettore
femmina M12, 4 pin, IP67, a cablare, con ghiera
montaggio M18 x 1 - Alimentazione 12/24 VDC

Inductive proximity sensor, c/w female connector
M12 4 pin, IP67, field attachable, ring nut reduction
M18 x 1 - Power supply 12/24 VDC



HY-PACK HYDRAULIC POWERED PUMPS



Montaggio standard motori sul lato destro (vedi foto).
Motor comes standard on the right (see picture).

Filettature motori BSPP
BSPP porting.

Mod.	Volume L/min Gpm		Pressure bar p.s.i.		Speed r.p.m.	Gear IPH 48 cc.				Piston IPH 34 cc.				Piston IPH 47 cc.				Piston IPH 64 cc.			
						Oil volume		Oil press		Oil volume		Oil press		Oil volume		Oil press		Oil volume		Oil press	
						L/min	Gpm	bar	p.s.i.	L/min	Gpm	bar	p.s.i.	L/min	Gpm	bar	p.s.i.	L/min	Gpm	bar	p.s.i.
KV 12	12,8	3.4	1100	16000	1450	70	18.4	280	4060	49	13.0	390	5660	68	18.0	280	4060	93	24.5	210	3050
KV 12	15,4	4.1	1100	16000	1750	84	22.2	280	4060	60	15.7	390	5660	82	21.7	280	4060	112	29.6	210	3050
KV 14	17,4	4.6	800	11600	1450	70	18.4	270	3920	49	13.0	390	5660	68	18.0	280	4060	93	24.6	210	3050
KV 14	21,0	5.5	800	11600	1750	84	22.2	270	3920	60	15.7	390	5660	82	21.7	280	4060	112	29.6	210	3050



ACCESSORIES VEDI Pag. 62 - SEE pag. 62