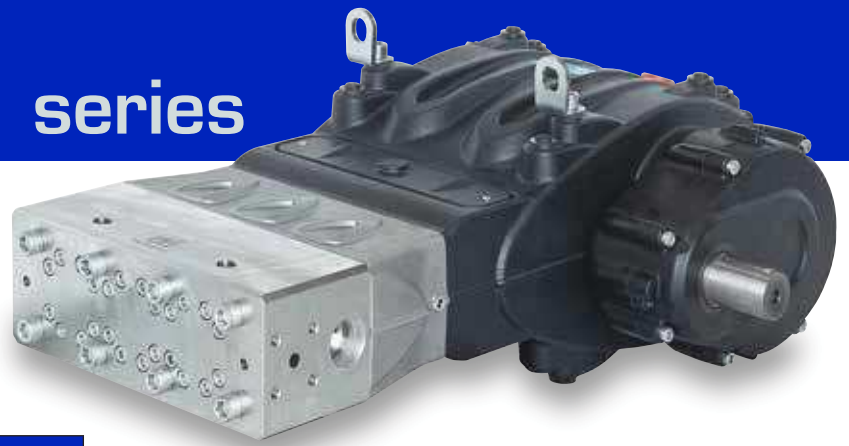


100HP SMH series



Scheda tecnica, esplosi, manuali uso e manutenzione

Data sheet, exploded view, repair & maintenance manuals

COSTRUZIONE / CONSTRUCTION	
POWER FRAME	73
CONFIGURATION	TRIPLEX HOR
MATERIAL STANDARD	S.S. / CAST / CER



ATEX
II 2GD ck T4/T135°C
ON REQUEST

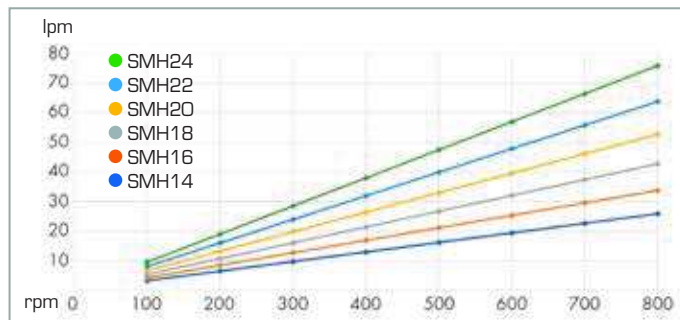
CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.
SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

Standard

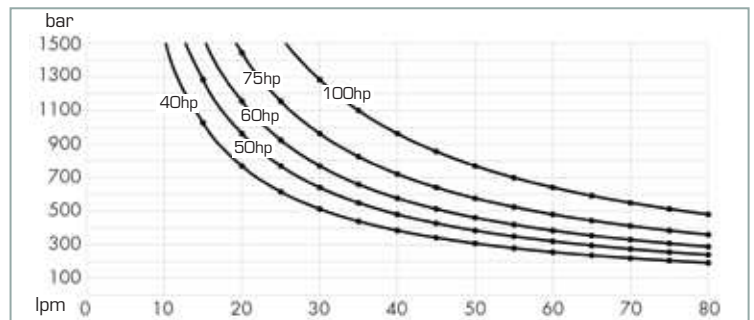
Pompa Pump	Portata Volume		Pressione Pressure			Gearbox r.p.m.				Potenza Power hp kW	Peso Weight kg	
	L/min	US Gpm	bar	MPa	p.s.i.	1:1,875	1:2,238	1:2,722	1:3,211			
SMH 14	26	6.9	1500	150	21750	1500 / 1800 / 2200 / 2600				101	74	265
SMH 16	34	9.0	1200	120	17400	1500 / 1800 / 2200 / 2600				106	78	265
SMH 18	43	11.4	900	90	13050	1500 / 1800 / 2200 / 2600				101	74	265
SMH 20	53	14.0	750	75	10875	1500 / 1800 / 2200 / 2600				103	76	265
SMH 22	64	16.9	600	60	8700	1500 / 1800 / 2200 / 2600				100	74	265
SMH 24	76	20.1	500	50	7250	1500 / 1800 / 2200 / 2600				99	73	265

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

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-C albero scanalato 14T 12/24 DP 1500-1800-2200 rpm
Hydraulic motor mount SAE J744-C spline shaft 14T 12/24 DP 1500-1800-2200 rpm



Presenza diretta senza riduttore 800g/min
Direct drive without gearbox 800 r.p.m.



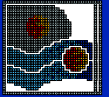
Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side

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



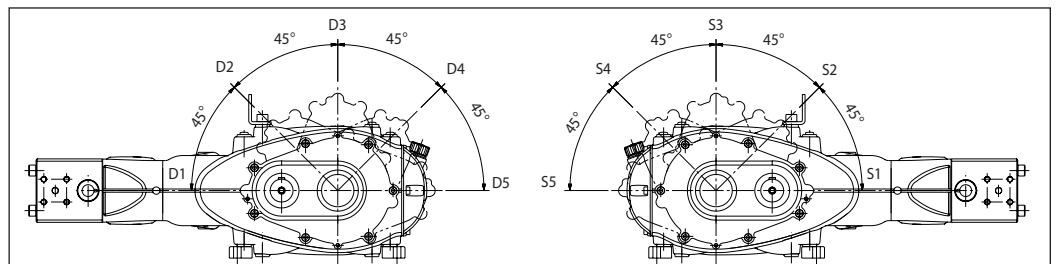
Montaggio standard motori sul lato destro (vedi foto).
Motor comes standard on the right (see picture).

Filettature motori BSPP
BSPP porting.

Mod.	Volume		Pressure		Speed r.p.m.	Gear IPH 117 cc.				Gear IPH 184 cc.			
	L/min	Gpm	bar	p.s.i.		Oil volume L/min	Gpm	Oil press bar	p.s.i.	Oil volume L/min	Gpm	Oil press bar	p.s.i.
SMH 14	26	6.9	1500	21750	1800 2200	211	55.6	250	3630	331	87.5	160	2320
						257	68.0	210	3050	405	106.9	140	2030
SMH16	34	9.0	1200	17400	1800 2200	211	55.6	270	3920	331	87.5	170	2470
						257	68.0	220	3190	405	106.9	140	2030
SMH 18	43	11.4	900	13050	1800 2200	211	55.6	250	3630	331	87.5	160	2320
						257	68.0	210	3050	405	106.9	130	1890
SMH 20	53	14.0	750	10875	1800 2200	211	55.6	210	3050	331	87.5	140	2030
						257	68.0	210	3050	405	106.9	140	2030
SMH 22	64	16.9	600	8700	1800 2200	211	55.6	210	3050	331	87.5	130	1890
						257	68.0	210	3050	405	106.9	130	1890
SMH 24	76	20.1	500	7250	1800 2200	211	55.6	210	3050	331	87.5	130	1890
						257	68.0	210	3050	405	106.9	130	1890

Mod.	Volume		Pressure		Speed r.p.m.	Piston IPH 84 cc.				Piston IPH 110 cc.				Piston IPH 130 cc.			
	L/min	Gpm	bar	p.s.i.		Oil volume L/min	Gpm	Oil press bar	p.s.i.	Oil volume L/min	Gpm	Oil press bar	p.s.i.	Oil volume L/min	Gpm	Oil press bar	p.s.i.
SMH 14	26	6.9	1500	21750	1800 2200	151	39.9	350	5880	198	52.3	270	3920	234	61.8	230	3340
						185	48.8	290	4210	242	63.9	220	3190	286	75.6	190	2760
SMH16	34	9.0	1200	17400	1800 2200	151	39.9	370	5370	198	52.3	280	4060	234	61.8	240	3480
						185	48.8	300	4350	242	63.9	230	3340	286	75.6	200	2900
SMH 18	43	11.4	900	13050	1800 2200	151	39.9	350	5880	198	52.3	270	3920	234	61.8	230	3340
						185	48.8	290	4210	242	63.9	220	3190	286	75.6	190	2760
SMH 20	53	14.0	750	10875	1800 2200	151	39.9	300	4350	198	52.3	230	3340	234	61.8	190	2760
						185	48.8	300	4350	242	63.9	230	3340	286	75.6	190	2760
SMH 22	64	16.9	600	8700	1800 2200	151	39.9	290	4210	198	52.3	220	3190	234	61.8	190	2760
						185	48.8	290	4210	242	63.9	220	3190	286	75.6	190	2760
SMH 24	76	20.1	500	7250	1800 2200	151	39.9	280	4060	198	52.3	220	3190	234	61.8	190	2760
						185	48.8	280	4060	242	63.9	220	3190	286	75.6	190	2760

GEARBOX POSITIONING



ACCESSORIES VEDI Pag. 62 - SEE pag. 62