

TECHNOLOGY IN MOTION



SMT シリーズ

水中でも使用可能な
産業用スクルーポンプ – 80 bar



INDUSTRIAL



POWER GEN

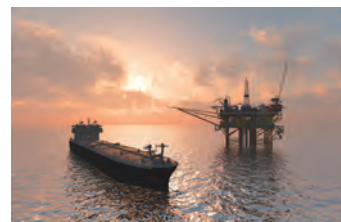


WIND ENERGY



アプリケーション

用途に合わせて様々なオプションの中から仕様の選択が可能ですので、当社までお問合せください。



	High viscosity <i>Elevate viscosità</i>	Body material <i>Materiale corpo</i>	Screw material <i>Materiale viti</i>	Seals <i>Tenute</i>
Power units, Presses, Machine tools, PIMMs, Metal & Steel (coolant fluid, transfer and filtration), Hydraulic Power to Control the Governor, Wicket Gates, Hydro Propellers, Filtration & Oil transfer, Off-line filtration, Off-shore platforms, Process charge (feeding and boosting), Hydraulic braking systems, Oil jacking, Hydro power (turbines & compressors lubrication), Control oil service, Chemical metering, Cranes, Hydraulic pitch control, Yaw control	-	-/G	-/HA	-/TM
Chemical processing (dosing, transfer, high temperature and hazardous fluids), Sealing oil service for gas turbine	SN	G/GZ	HA/HD	TM/FGM
Paper & Pulp (rotating equipment lubrication) Lube oil (circulation & transfer), Turbine Shaft jacking, Rotor jacking, Ball Mill Gearbox lubrication, Gear box lubrication & filtration (high viscosity lube, air emulsion), Forced lubrication systems	SN	-	-	TM
Building & Construction (hydraulic lifts & elevators)	-	G	-	-
Mining (fuel oil transfer, bar mill lubrication)	-	G	*	*
Fuel unloading, Forwarding, Transfer and Feeding Burner operations service, Fuel service (boosting & transfer), Oil rigs, refineries (transport, meter and mix), Pipelines re-injection, Tank loading & unloading Process charge, Boiler injection	-	G/GZ	HA	TM
Oil filtration & Cooling systems	-	-	-	*
Tool machines high pressure coolant	-	G/GZ	HA	TMK

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*Standard configuration and material / Configurazione e materiali standard.

Technical characteristics / Caratteristiche tecniche

Types <i>Tipi</i>	Dry (SMT) or submerged (SMIT) <i>Esterno (SMT) o sommerso (SMIT)</i>	
Models / Modelli	20 – 25 – 32 – 40 – 45 – 55 – 60 – 70 – 80 – 90	
Installation <i>Installazione</i>	Free for SMT. Submerged (totally or partially) for SMIT <i>Qualsiasi per SMT. Sommersa (parzialmente o completamente) per SMIT</i>	
Flanges / Flange	ISO 3019/2	
Connections / Conessioni	SAE 3000 - BSPP	
Drive loading <i>Carichi</i>	No axial or radial loads <i>Nessun carico assiale o trasversale</i>	
Shaft rotation <i>Rotazione albero</i>	Clockwise (from shaft end) , (suitable also for counter clockwise rotation) <i>Destra (disponibile anche per rotazione sinistra)</i>	
Shaft speed <i>Velocità di rotazione</i>	From 500 to 3.600 rpm ⁽¹⁾ <i>Da 500 a 3.600 rpm⁽¹⁾</i>	
Flows <i>Portate</i>	From 4 up to 1.220 L/min <i>Da 4 a 1.220 L/min</i>	
Outlet Pressure <i>Pressione di mandata</i>	Up to 80 bar <i>Fino a 80 bar</i>	
Inlet Pressure <i>Pressione in aspirazione</i>	Min. -0.7 bar max. 3 bar ⁽²⁾ <i>Min. -0.7 bar max. 3 bar⁽²⁾</i>	
Fluids ⁽³⁾ <i>Fluidi⁽³⁾</i>	- Mineral oil HLP e HVLP - Ecologic fluids HETG, HEPG, HEE - Synthetic fluid or emulsion: HFA oil-water emulsion, HFB water-oil emulsion 40% of volume, HFC water/glycole – water max 35 to 55%, HFDR phosphate ester - Lubrication high viscosity oils - Special synthetic fluid: MIL-H, SKYDROL, - Fuel oil: MGO, MDO, Low sulfur MDO and HFO - DMX (ISO8217), DMA, DMB, DMC, DMZ - Bunker oil, furnace oil, engines oil, heating oil, hydraulics oils DIN 51524	- Oli minerali HLP e HVLP - Fluidi ecologici HETG, HEPG, HEE - Fluidi sintetici o emulsioni: HFA emulsione olio-acqua, HFB emulsione acqua-olio 40% dl volume, HFC acqua/glicole – acqua max 35 to 55%, HFDR phosphate ester - Olio ad alta viscosità per lubrificazione - Fluidi speciali sintetici: MIL-H, SKYDROL, - Fuel oil: MGO, MDO, Basso livello di zolfo MDO e HFO - DMX (ISO8217), DMA, DMB, DMC, DMZ - Bunker oil, furnace oil, olio per motori, heating oil, olio idraulico DIN 51524
Viscosity <i>Viscosità</i>	From 1 up to 100.000 cSt ⁽⁴⁾ <i>Da 1 fino a 100.000 cSt⁽⁴⁾</i>	
Seals polymer (shaft, O-ring) <i>Polimero guarnizioni (albero, anello di tenuta)</i>	NBR, FKM, EPDM ⁽⁵⁾	
Seal type <i>Tipo di tenuta</i>	TM, TMK, TMZ, FGM	
Acoustic Emissions <i>Emissioni Acustiche</i>	From 52 up to 68 db(A) at 2.950 rpm (value based on ISO 4412 test procedure) <i>Da 52 fino a 68 db(A) a 2.950 rpm (ISO 4412 test)</i>	
Pump body <i>Corpo pompa</i>	Extruded aluminum alloy <i>Alluminio estruso</i>	
Pump body (special applications) <i>Corpo pompa (applicazioni speciali)</i>	Cast iron, carbon steel. <i>Ghisa, acciaio.</i>	
Screws <i>Viti</i>	Steel for main screw , idler cast iron <i>Acciaio vite principale, ghisa viti secondarie</i>	
Screws (special applications) <i>Viti (applicazioni speciali)</i>	Core hardened steel screws, surface treated screws <i>Viti in acciaio temprato, viti trattate superficialmente</i>	
Environment temperature <i>Temperatura ambiente</i>	From -50° up to +60°C <i>Da -50° a +60°C</i>	
Hydraulic Temperature <i>Temperatura olio</i>	From -50°C up to +300°C <i>Da -50°C a +300°C</i>	
Filtration <i>Filtrazione</i>	Permissible degree of fluid contamination NAS to 1638 class 10 or ISO DIS 4406 – 19/16. Recommended filtration β 25 $\geq$ 75 <i>Contaminazione NAS tipo 1638 classe 10 o ISO DIS 4406 – 19/16 . Filtrazione raccomandata β 25 $\geq$ 75</i>	

カタログ上のデータは、予告なしに変更される場合がございます。

(1) 回転速度 1,000 rpm以下、又は1,800 rpm以上をご希望の場合はお問い合わせください。

(2) より高圧仕様をご希望の場合はお問い合わせください。

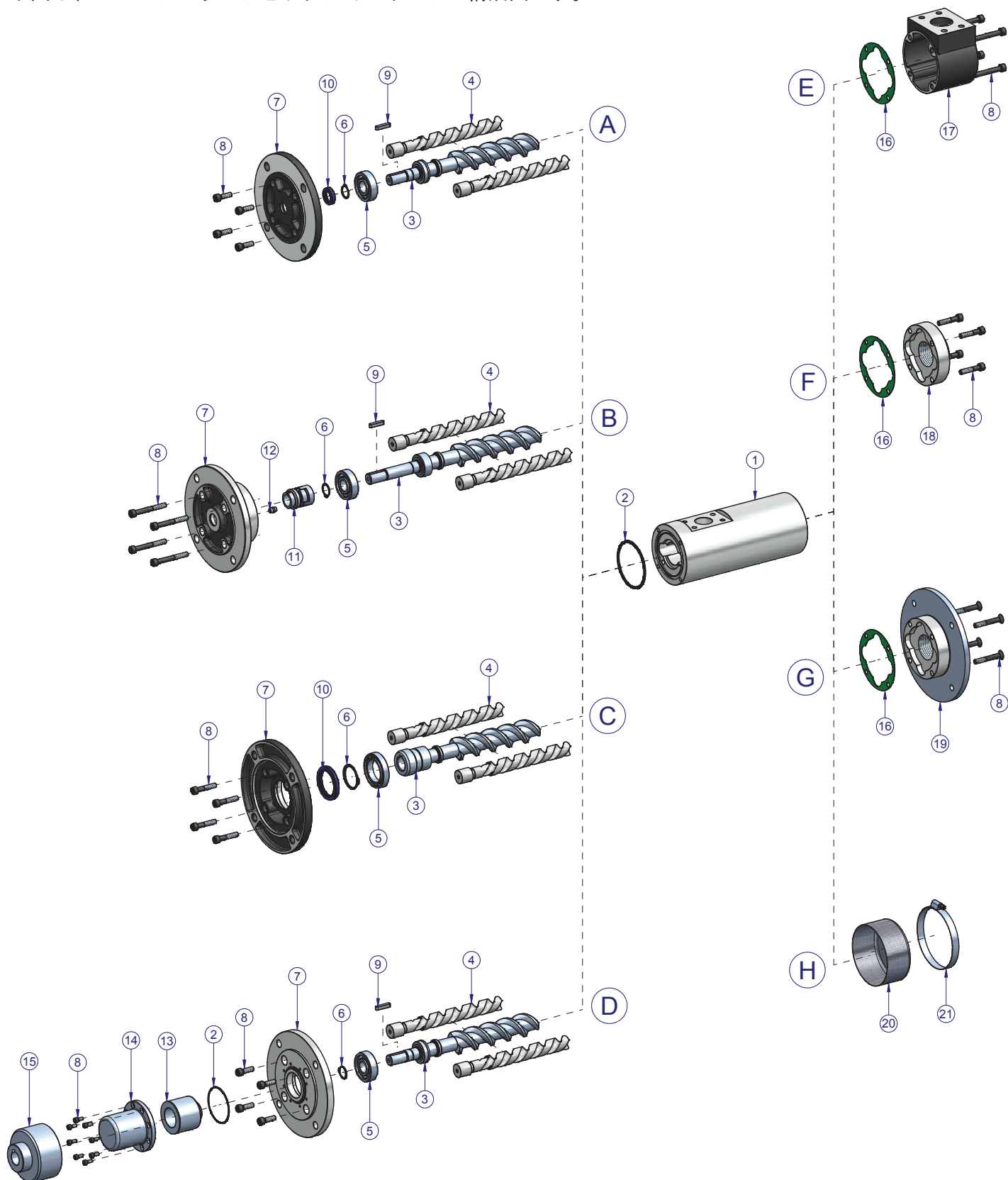
(3) その他の流体をご使用の場合はお問い合わせください。

(4) 流体粘度 20 cSt以下、又は320 cStの場合はお問い合わせください。

(5) その他のシール材をご希望の場合はお問い合わせください。

分解図

下図は、フロントフランジとサクションポートの構成図です。



Product description / Descrizione prodotto

N°	PARTS DESCRIPTION / DESCRIZIONE COMPONENTI	
1	Pump body / Corpo pompa	Common components
2	O-ring / Anello O-ring	Common components
3	Main screw / Vite centrale	Common components
4	Idler screw / Vite laterale	Common components
5	Ball bearing / Cuscinetto	Common components
6	Seeger	Common components
8	Screw / Vite	Common components
SHAFT AND SEAL OPTIONS / OPZIONI ALBERI E TENUTE		
A	SMT LIP SEAL / SMT TENUTA A LABBRO	
9	Key / Linguetta	Common components
10	Seal / Anello di tenuta	Common components
7	Flange / Flangia	Common components
B	SMT MECHANICAL SEAL - TM OPTION / SMT TENUTA MECCANICA - OPZIONE TM	
9	Key / Linguetta	Common components
11	Mechanical seal / Tenuta meccanica	Common components
12	Driving oil bushing / Boccia convogliata olio	Common components
7	Flange / Flangia	Common components
C	SMT HOLLOW SHAFT (LIP SEAL) - AC OPTION / SMT ALBERO CAVO (TENUTA A LABBRO) - OPZIONE AC	
10	Seal / Anello di tenuta	Common components
7	Flange / Flangia anteriore	Common components
D	SMT MAGNETIC COUPLING - FGM OPTION / SMT GIUNTO MAGNETICO - OPZIONE FGM	
9	Key / Linguetta	Common components
7	Flange / Flangia	Common components
2	O-ring / Anello O-ring	Common components
13	Internal rotor MC / Rotore interno MC	Common components
14	Containment shroud MC / Cappuccio MC	Common components
15	External rotor MC / Rotore esterno MC	Common components
SUCTION PORTS OPTIONS / OPZIONI PORTE DI ASPIRAZIONE		
E	SMT RADIAL SUCTION COVER / SMT TAPPA RADIALE	
16	Plane gasket / Guarnizione piana	Common components
17	Radial suction cover / Tappa radiale	Common components
F	SMT AXIAL BSPP - AX OPTION / SMT ASSIALE BSPP - OPZIONE AX	
16	Plane gasket / Guarnizione piana	Common components
18	Axial suction cover / Tappa assiale	Common components
G	SMT TOP FLANGE FOR VERTICAL INSTALLATION OVER TANK - AL OPTION / SMT TAPPA ASPIRAZIONE PER INSTALLAZIONE VERTICALE SOPRA SERBATOIO - OPZIONE AL	
16	Plane gasket / Guarnizione piana	Common components
19	Tank top flange / Tappa aspirazione sopra serbatoio	Common components
H	SMIT SUBMERSIBLE / SMIT SOMMERSA	
20	Filter / Filtro	Common components
21	Clamp / Fascetta	Common components

SMT pump - Dimensional drawings / Disegni dimensionali

SMT Pump

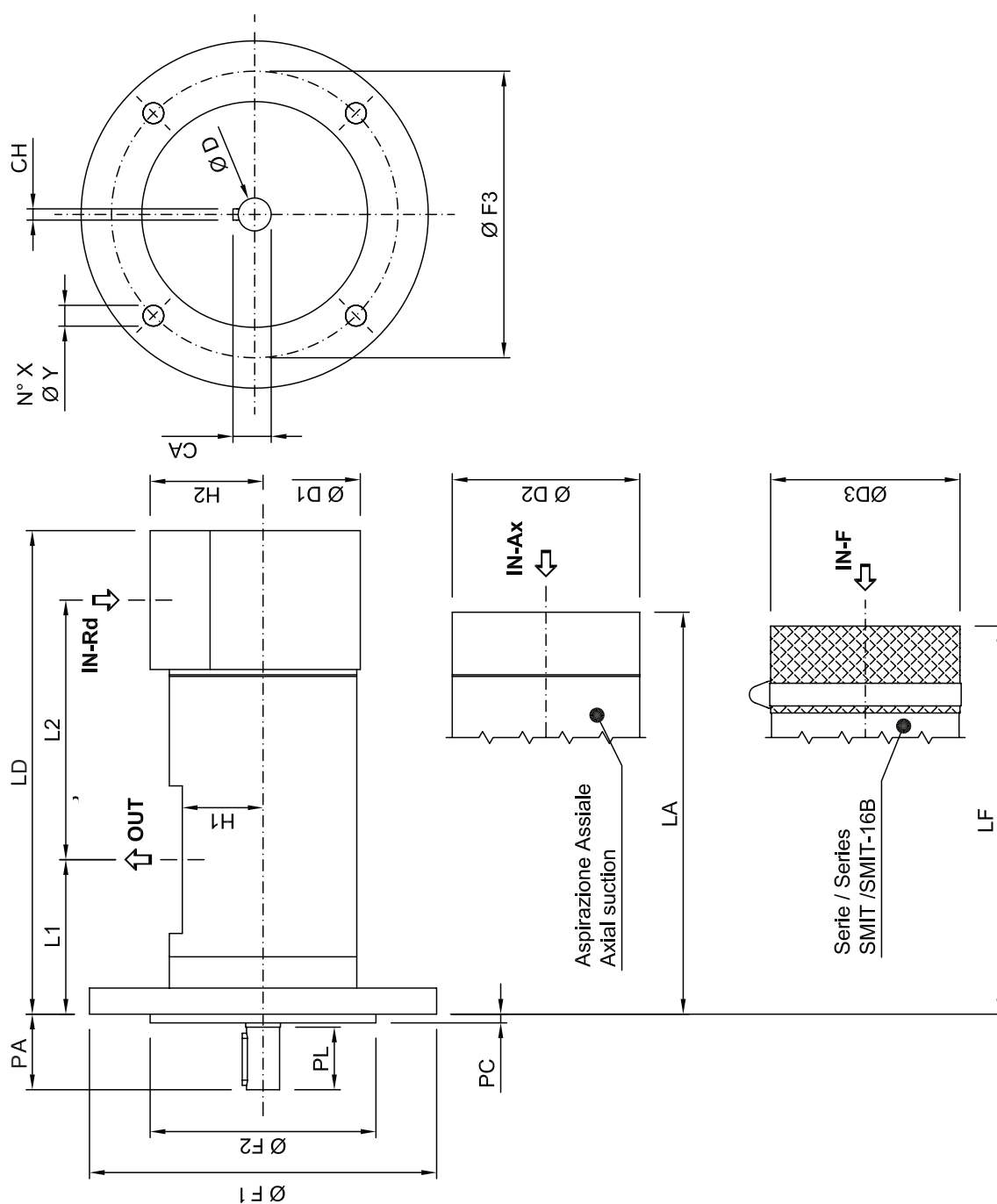


SMT Series / Serie SMT
Dry screw pump
Pompa per uso esterno

SMIT Pump



SMIT Series / Serie SMIT
Submersible screw pump
Pompa per uso sommerso



SMT pump - Dimensional drawings / Disegni dimensionali

SMT		SMIT																					
Dry screw pump / Pompa per uso esterno		Submersible screw pump/Pompa per uso sommerso																					
Type/Tipo	Flange Flangia				Shaft Albero				Suction Aspirazione			Discharge Mandata		Pump Pompa							Pump Pompa		
	ØF2	ØY	ØF3	ØF1	PL	ØD	CA	CH	IN-Rd	IN-Ax	H2	OUT	H1	PA	ØD1	ØD2	L1	L2	LD	LA	Kg	ØD3	LF
GR20 SMT 8L-12L-15L-20L-23L	80.0	11.0	103.0	125.0	30.0	14.0	16.0	5.0	1/2" BSPP	1/2" BSPP	26.0	1/2" BSPP	25.0	37.0	59.0	59.0	53.0	118.5	193.0	174.0	1.5	60.0	173.0
GR25 SMT 25L-30L	80.0	11.0	103.0	125.0	36.0	19.0	21.5	6.0	3/4" BSPP	3/4" BSPP	27.0	1/2" BSPP	27.5	42.0	65.0	65.0	72.5	171.0	262.0	262.0	4	66.0	242.5
GR32 SMT 35L-45L-55L-75L	100.0	11.0	125.0	150.0	35.0	19.0	21.5	6.0	1" 1/4 SAE - 3000	1" 1/4 BSPP	55.0	1" SAE - 3000	41.0	41.0	96.0	94.0	69.0	192.0	295.0	248.0	6.5	95.0	239.0
GR40 SMT 100L-125L-150L	125.0	14.0	160.0	188.0	34.0	19.0	21.5	6.0	1" 1/2 SAE - 3000	1" 1/2 BSPP	65.0	1" 1/4 SAE -3000	46.5	39.5	112.0	108.0	84.5	224.5	348.0	302.0	10.8	109.0	294.0
GR45 SMT 180L-210L	125.0	14.0	160.0	188.0	55.0	32.0	35.0	10.0	2" SAE - 3000	2" BSPP	85.0	1" 1/2 SAE -3000	51.5	64.5	125.0	122.5	89.0	248.0	382.0	330.0	15	123.5	312.0
GR55 SMT 250L-300L-330L-380L	160.0	18.0	200.0	235.0	55.0	32.0	35.0	10.0	2" 1/2 SAE - 3000	2" 1/2 BSPP	95.0	2" SAE - 3000	55.0	61.5	148.0	142.5	100.5	297.0	449.5	385.5	23.5	143.5	395.5
GR60 SMT 440L-500L	160.0	18.0	200.0	235.0	55.0	32.0	35.0	10.0	3" SAE -3000	3" BSPP	105.0	2" 1/2 SAE - 3000	63.0	65.5	160.0	155.0	101.0	342.0	505.5	423.5	30	154.0	430.5
GR70 SMT 600L-660L-800L	200.0	22.0	250.0	300.0	55.0	32.0	35.0	10.0	3" 1/2 SAE - 3000	3" 1/2 BSPP	110.0	3" SAE - 3000	73.0	60.5	180.0	180.0	115.5	422.0	605.5	529.5	44	179.0	543.5
GR80 SMT 1.000L-1.200L	200.0	22.0	250.0	300.0	60.0	38.0	41.0	10.0	4" SAE - 3000	4" BSPP	125.0	3" SAE - 3000	83.0	75.0	210.0	210.0	150.0	470.5	695.0	644.0	59	204.0	628.0
GR90 SMT 1.220L	200.0	22.0	250.0	300.0	60.0	38.0	41.0	10.0	4" SAE - 3000	4" BSPP	125.0	3" SAE - 3000	83.0	75.0	210.0	210.0	150.0	470.5	695.0	644.0	61	204.0	628.0

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SMT AC pumps - Dimensional drawings / Disegni dimensionali

SMT AC Pump

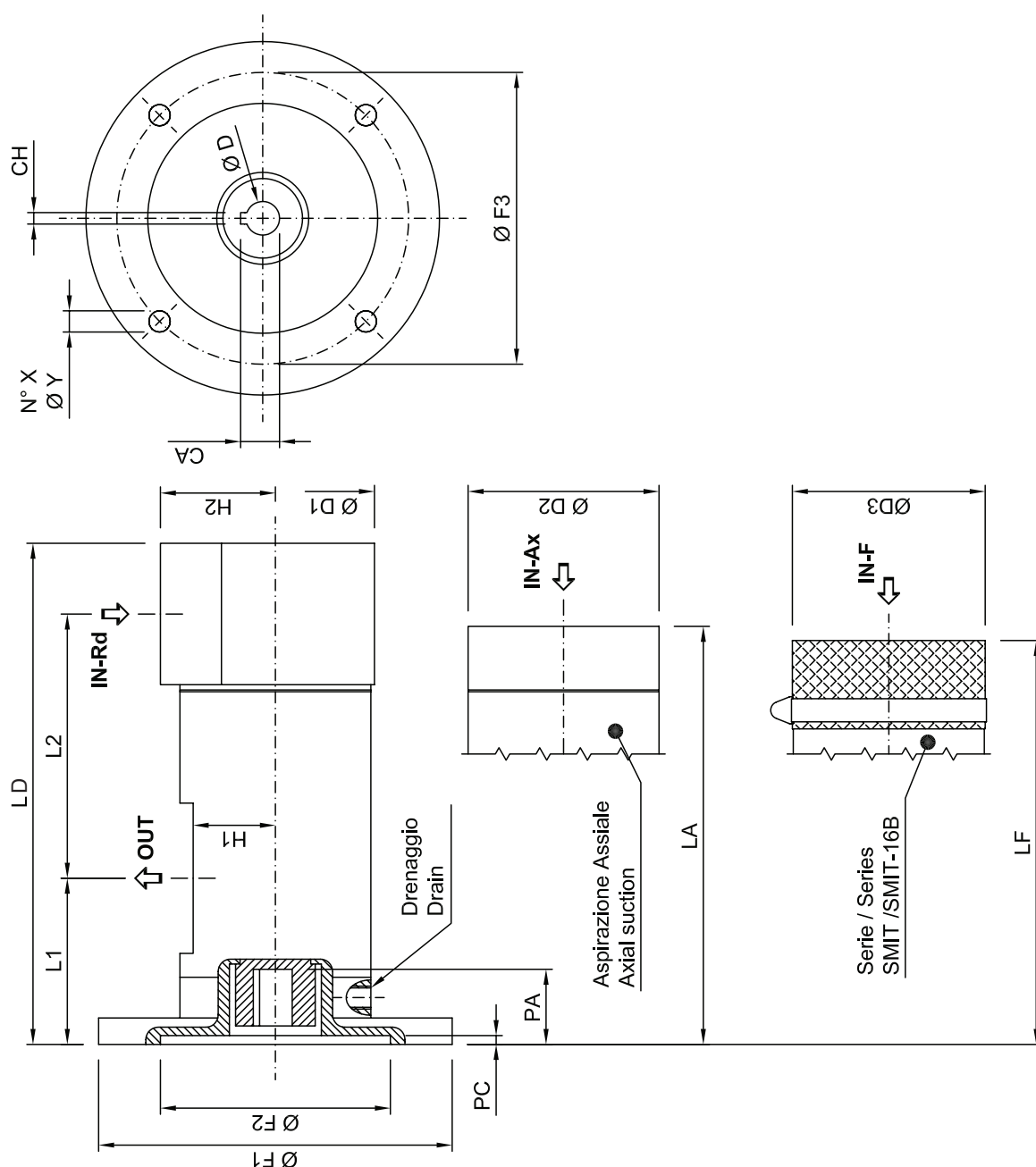


SMT AC Series / Serie SMT AC
Dry screw pump
Pompa per uso esterno

SMIT AC Pump



SMIT AC Series / Serie SMIT AC
Submersible screw pump
Pompa per uso sommerso

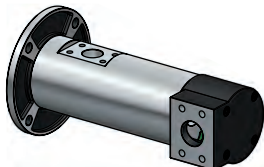
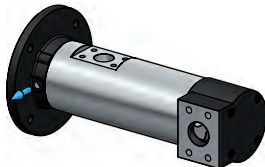
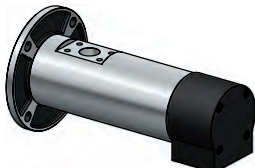
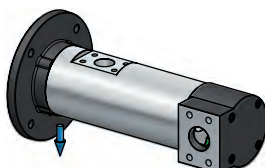
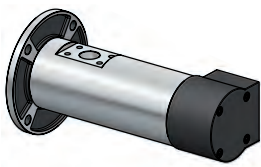
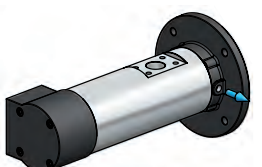
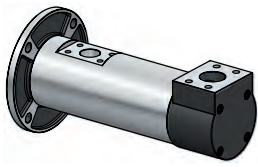
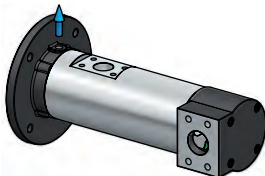


SMT AC pumps - Dimensional drawings / Disegni dimensionali

SMT AC		Submersible screw pump/ Pompa per uso som- merso		SMT AC																														
Dry screw pump / Pompa per uso esterno		Discharge / Mandata										Suction / Aspirazione				Shaft / Albero			Flange/Flangia				Pump / Pompa										Pump / Pompa	
Type/Tipo	ØF2	ØY	ØF3	ØF1	ØD	CA	CH	IN-Rd	IN-Ax	H2	OUT	H1	PA	ØD1	ØD2	L1	L2	LD	LA	Kg	ØD3	LF												
GR20 SMT AC11 B5 8-12-15-20-23	95.0	9.0	115.0	140.0	11.0	12.8	4.2	1/2"BSPP	1/2"BSPP	26.0	1/2"BSPP	25.0	25.0	59.0	59.0	57.0	118.5	197.0	178.0	1.5	60.0	177.0												
GR20 SMT AC14 B5 8-12-15-20-23	110.0	9.5	130.0	160.0	14.0	16.1	5.2	1/2"BSPP	1/2"BSPP	26.0	1/2"BSPP	25.0	33.5	59.0	59.0	56.0	118.5	196.0	177.0	1.5	60.0	176.0												
GR20 SMT AC19 B5 8-12-15-20-23	130.0	11.0	165.0	200.0	19.0	21.7	6.5	1/2"BSPP	1/2"BSPP	26.0	1/2"BSPP	25.0	42.0	59.0	59.0	75.0	118.5	215.0	196.0	1.5	60.0	195.0												
GR25 SMT AC14 B5 25-30	110.0	9.5	130.0	160.0	14.0	16.2	5.2	3/4"BSPP	3/4"BSPP	27.0	1/2"BSPP	27.5	32.5	65.0	65.0	73.5	171.0	263.0	263.0	2.7	66.0	243.5												
GR25 SMTAC19 B5 25-30	130.0	10.5	165.0	200.0	19.0	21.9	6.5	3/4"BSPP	3/4"BSPP	27.0	1/2"BSPP	27.5	42.5	65.0	65.0	76.5	171.0	266.0	266.0	2.7	66.0	246.5												
GR32 SMTAC19 B5 35-45-55-75	130.0	12.0	165.0	200.0	19.0	21.9	6.5	1"1/4SAE- 3000	1"1/4BSPP	55.0	1"SAE- 3000	41.0	43.7	96.0	94.0	92.7	192.0	318.7	271.7	4.4	95.0	262.7												
GR32 SMT AC24 B5 35-45-55-75	130.0	12.0	165.0	200.0	24.0	27.3	8.5	1"1/4SAE- 3000	1"1/4BSPP	55.0	1"SAE- 3000	41.0	52.7	96.0	94.0	92.7	192.0	318.7	271.7	4.4	95.0	262.7												
GR40 SMTAC19 B5 100-125-150	130.0	12.0	165.0	200.0	19.0	22.0	6.5	1"1/2SAE- 3000	1"1/2BSPP	65.0	1"1/4SAE-3000	46.5	42.5	112.0	108.0	109.5	224.5	373.0	327.0	7	109.0	319.0												
GR40 SMT AC24 B5 100-125-150	130.0	12.0	165.0	200.0	24.0	27.5	8.5	1"1/2SAE- 3000	1"1/2BSPP	65.0	1"1/4SAE-3000	46.5	52.5	112.0	108.0	109.5	224.5	373.0	327.0	7	109.0	319.0												
GR40 SMT AC28 B5 100-125-150	180.0	14.0	215.0	250.0	28.0	31.5	8.5	1"1/2SAE- 3000	1"1/2BSPP	65.0	1"1/4SAE-3000	46.5	64.0	112.0	108.0	120.0	224.5	383.5	337.5	7	109.0	329.5												
GR45 SMT AC28 B5 180-210	180.0	14.0	215.0	250.0	28.0	31.5	8.5	2"SAE-3000	2"BSPP	85.0	1"1/2SAE-3000	51.5	63.5	125.0	122.5	120.0	248.0	413	361.0	7	123.5	343.0												
GR45 SMT AC38 B5 180-210	230.0	15.0	265.0	300.0	38.0	42.0	10.5	2"SAE-3000	2"BSPP	85.0	1"1/2SAE-3000	51.5	81.0	125.0	122.5	133.5	248.0	426.5	374.5	7	123.5	356.5												
GR55 SMT AC28 B5 250-300-330-380	180.0	14.0	215.0	250.0	28.0	31.5	8.5	2"1/2SAE- 3000	2"1/2BSPP	95.0	2"SAE- 3000	55.0	62.5	148.0	142.5	125.5	297.0	474.5	410.5	15.5	143.5	420.5												
GR55 SMT AC38 B5 250-300-330-380	230.0	15.0	265.0	300.0	38.0	42.0	10.5	2"1/2SAE- 3000	2"1/2BSPP	95.0	2"SAE- 3000	55.0	82.5	148.0	142.5	145.5	297.0	494.5	430.5	15.5	143.5	440.5												
GR60 SMT AC28 B5 440-500	180.0	14.0	215.0	250.0	28.0	31.5	8.5	3"SAE-3000	3"BSPP	105.0	2"1/2SAE- 3000	63.0	65.0	160.0	155.0	126.0	342.0	530.5	448.5	25	154.0	455.5												
GR60 SMT AC38 B5 440-500	230.0	14.5	265.0	300.0	38.0	41.8	10.5	3"SAE-3000	3"BSPP	105.0	2"1/2SAE- 3000	63.0	83.0	160.0	155.0	146.0	342.0	550.5	468.5	25	154.0	475.5												
GR70 SMT AC28 B5 600-660-800	180.0	14.0	215.0	250.0	28.0	31.5	8.5	3"1/2SAE- 3000	3"1/2BSPP	110.0	3"SAE- 3000	73.0	63.1	180.0	180.0	139.3	422.0	553.3	553.3	30	179.0	567.3												
GR70 SMT AC38 B5 600-660-800	230.0	14.5	265.0	300.0	38.0	41.8	10.5	3"1/2SAE- 3000	3"1/2BSPP	110.0	3"SAE- 3000	73.0	87.3	180.0	180.0	160.5	422.0	574.5	574.5	30	179.0	588.5												

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サクションとドレンポートは以下よりお選びいただけます。

SUCTION CONFIGURATION CODES CODICI CONFIGURAZIONE ASPIRAZIONE	DRAIN CONFIGURATION CODES CODICI CONFIGURAZIONE DRENAGGIO
 T1	 D1
 T2	 D2
 T3	 D3
 T4	 D4

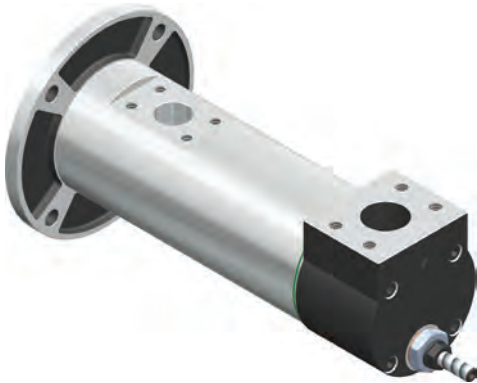
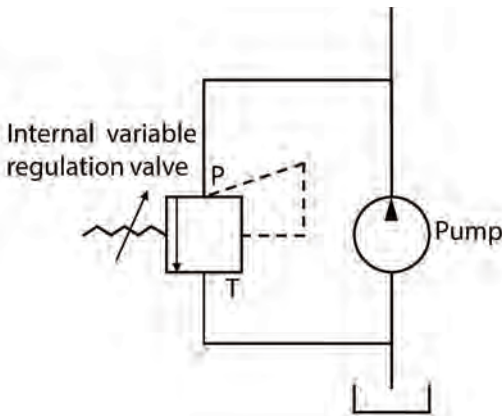
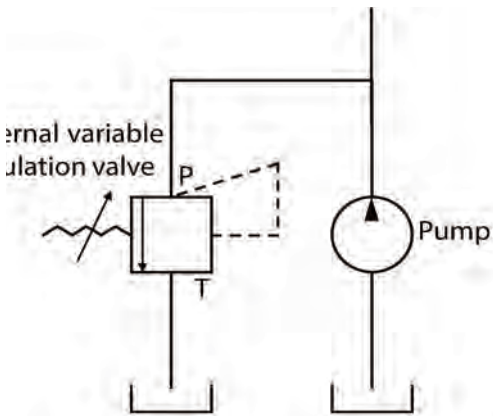
標準仕様：T1~D2

RPバルブ*付ポンプの標準仕様：T4~D4

選定例：GR32 SMT 45L T1 D3 ☒

* RPバルブ（外付け可変制御バルブ）付ポンプをご希望の場合、サクションとドレンポートの位置決めを特に慎重に行う必要があります。一度ポンプにRPバルブを取り付けると、仕様の変更はできません。
その為、RPバルブに関する後続のページを良くお読みになり、仕様を選定してください。

RP リリーフ弁のオプション

INTERNAL BYPASS BYPASS INTERNO	EXTERNAL BYPASS BYPASS ESTERNO
	
	

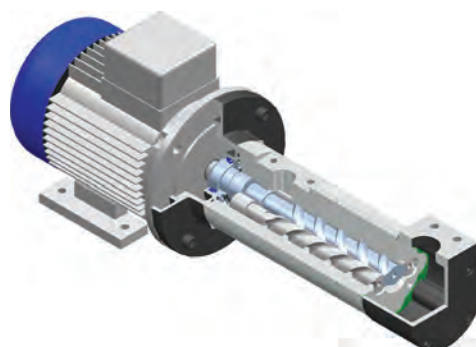
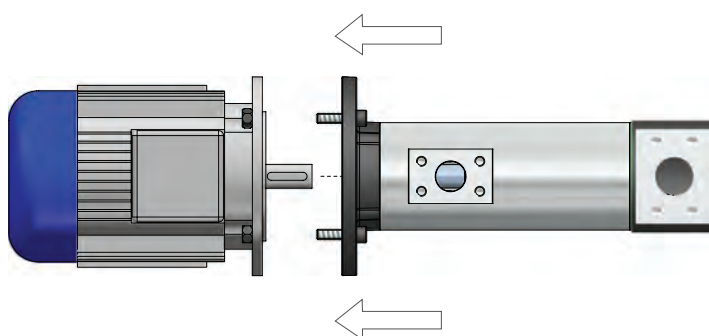
内部可変制御バルブは、以下のモデルに取り付け可能です。
GR20, GR25, GR32, GR40, GR45, GR55, GR60, GR70.

外部可変制御バルブは、以下のモデルに取り付け可能です。
GR80, GR90

選定例: GR32 SMT 45L T4 D2 RP ☒

モーターポンプの選定表

Size	Motor form <i>Forma motore</i>	56 AC9	63 AC11	71 AC14	80 AC19	90 AC24	100 AC28	112 AC28	132 AC38
GR 20	B14	✓	✓	✓	✓				
	B5		✓	✓	✓				
GR 25	B14			✓	✓				
	B5			✓	✓				
GR 32	B14				✓	✓			
	B5				✓	✓			
GR40	B14				✓	✓	✓	✓	
	B5				✓	✓	✓	✓	
GR45	B5						✓	✓	✓
GR55	B5						✓	✓	✓
GR60	B5						✓	✓	✓
GR70	B5						✓	✓	✓



中空シャフトの選定例 : GR32 SMT 45L AC24/B5 ☒

Ordering code table / Tabella codici di ordinazione

Pump type Tipo	Pump model Modello	Nominal flow Portata nominale	High viscosity flag Alta viscosità	Shaft type Tipo albero	Hollow shaft flange Flangia albero cavo	Pump body** Corpo pompa**	Seals polymer (shaft, O-ring) Polimero guarnizioni (albero, anello di tenuta)	Screw treatment Trattamento viti	Seal type Tipo di tenuta	Suction configuration code Codice porta aspirazione	Drain configuration codes (hollow shaft only) Codici drenaggio (solo AC)	Internal pressure relief valve Valvola interna di sicurezza	Suction flange Flangia d'aspirazione	Rotation Rotazione	Bearing type Tipo cuscinetto
GR20	SMT dry esterna	8L, 12L, 15L, 20L, 23L	Standard up to 100 cSt fino a 100 cSt (none)	Standard normal shaft & flange type albero maschio e flangia (none)	B5 B14 (only hollow shaft) (solo albero cavo)	Standard aluminium Alluminio (none)		Standard steel main screw cast iron idler screws vite centrale in acciaio viti laterali in ghisa (none)	Standard Lip seal (none)	Standard T1 (none)	Standard D2 (none)	Optional RF1 5 bar security sicurezza 5 bar	Standard radial radiale (none)	Standard Clockwise destra (none)	Standard (none)
GR25		25L, 30L													
GR32		35L, 45L, 55L, 75L													
GR40		100L, 125L, 150L													
GR45		180L, 210L													
GR55		250L, 300L, 330L, 380L													
GR60	SMT submersible sommersa	440L, 500L	Optional from 100 cSt	Optional hollow shaft type* Albero cavo* AC9 AC11 AC14 AC19 AC24 AC28 AC38	A carbon steel acciaio	Optional V FKM E EPDM	Optional HA*** core hardened steel screws (available only with mechanical seal) viti in acciaio temprato (solo con TM)	TMZ mechanical seal for fuel oil	Optional T2 T3 T4	Optional D1 D3 D4	Optional RF2 10 bar security sicurezza 10 bar RF3 15 bar security sicurezza 15 bar RP*** variable regulation valve valvola esterna a regolazione variabile	Optional AXS axial SAE assiale SAE AX axial BSPP assiale BSPP AL tank-top flange tappa d'aspirazione sopra serbatoio	Optional SX counter clockwise sinistra	Optional CS encapsulated ball bearing cuscinetto schermato	
GR70		600L, 660L, 800L													
GR80		1.000L, 1.200L													
GR90		1.220L						HD surface treated screws viti trattate superficialmente	FGM magnetic sealless pump						

* To request the right hollow shaft according to the pump model please check chapter "Motor pump selection". Per richiedere il giusto tipo di albero cavo in base al modello di pompa vedere il capitolo "Selezione motore".

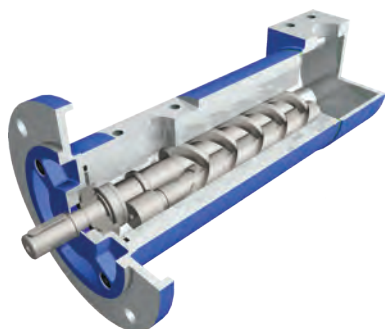
** Please contact Settima for different available materials and treatments. Contattare Settima per differenti materiali e trattamenti disponibili.

*** Options HA and TM are not available for version SMT AC. Le opzioni HA e TM non sono disponibili per i modelli SMT AC.

**** RP valve is not available with options AX and AL. La valvola RP non è disponibile con le opzioni AX e AL.

SMT ポンプシリーズ

SETTIMA製3軸スクリーump



3軸のスクリーumpは、現在ある複数軸のスクリーumpの中で最大のポンプです。

信頼性があり、効率が良く、脈動が無く音も小さいこの3軸のスクリーumpは、実に様々な用途に適しているポンプとして、広く認知されています。

用途や使用環境等の条件を問わないこのポンプは、オイル・ガスや化学・薬品、マリンや産業機械、各種車両やエネルギー関連機器、発電所や食品関連機器、製紙機械など、多岐にわたる分野で採用されています。業界において35年以上の経験を有すSETTIMA社のSMTポンプは、世界中で最も使用されている3軸スクリーumpの一つです。

脈動なし、潤滑な稼働、低騒音

SMT 3軸スクリーumpは、脈動の発生を防ぎ、潤滑に稼働するように設計されている為、騒音が極限まで抑えられており、騒音対策が不要です。

脈動が無い当ポンプは、正確な作動油のコントロールや燃料の計量にももちろん適しています。

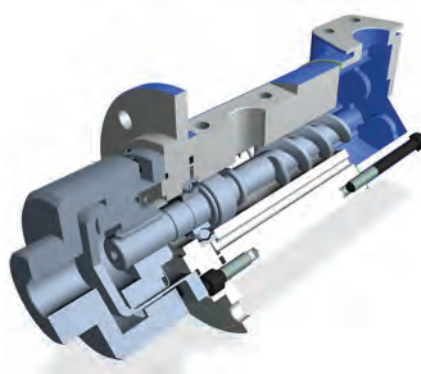
リークフリーの磁気カップリング - FGMオプション

オプションとして、磁気カップリングをSMTポンプに使用することも可能です。この磁気カップリングは、永久磁気カップリングであり、トルクは内部ロータと外部ロータ間の磁力を通して伝わります。

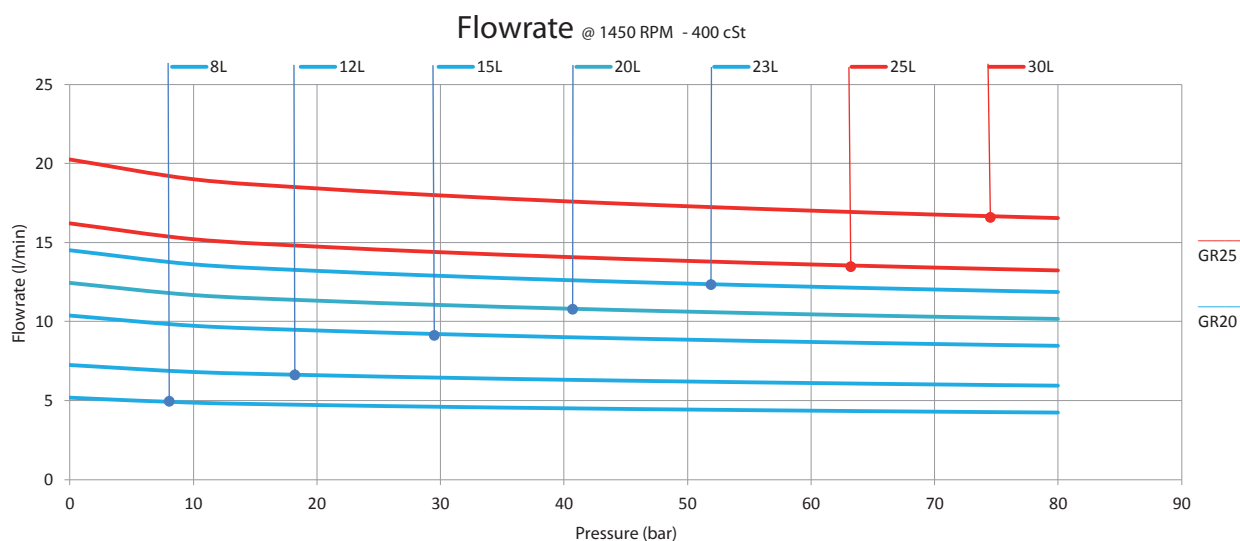
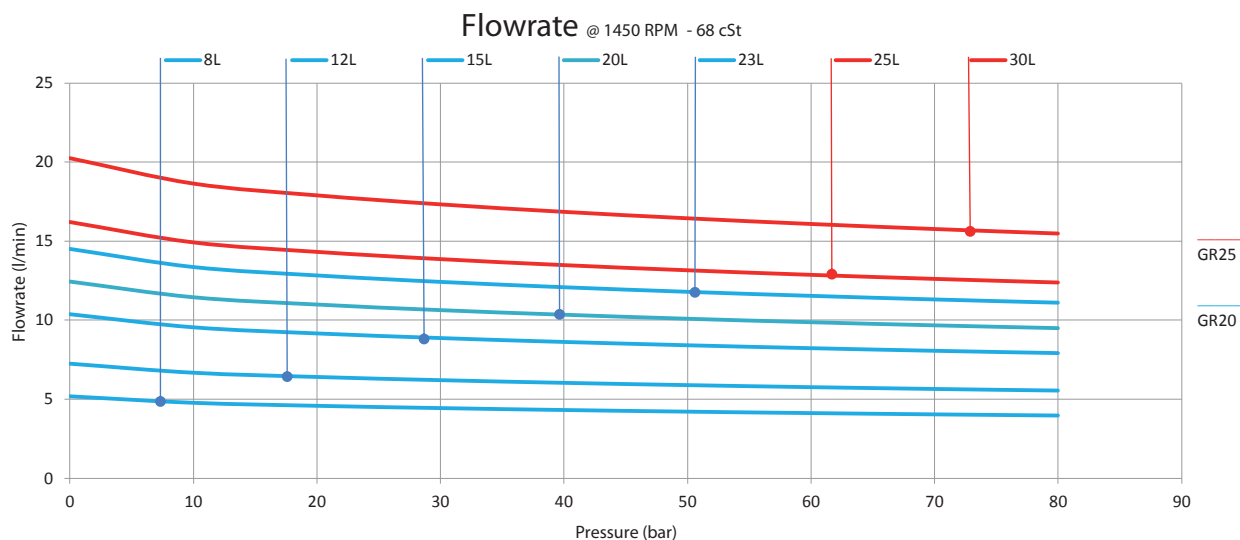
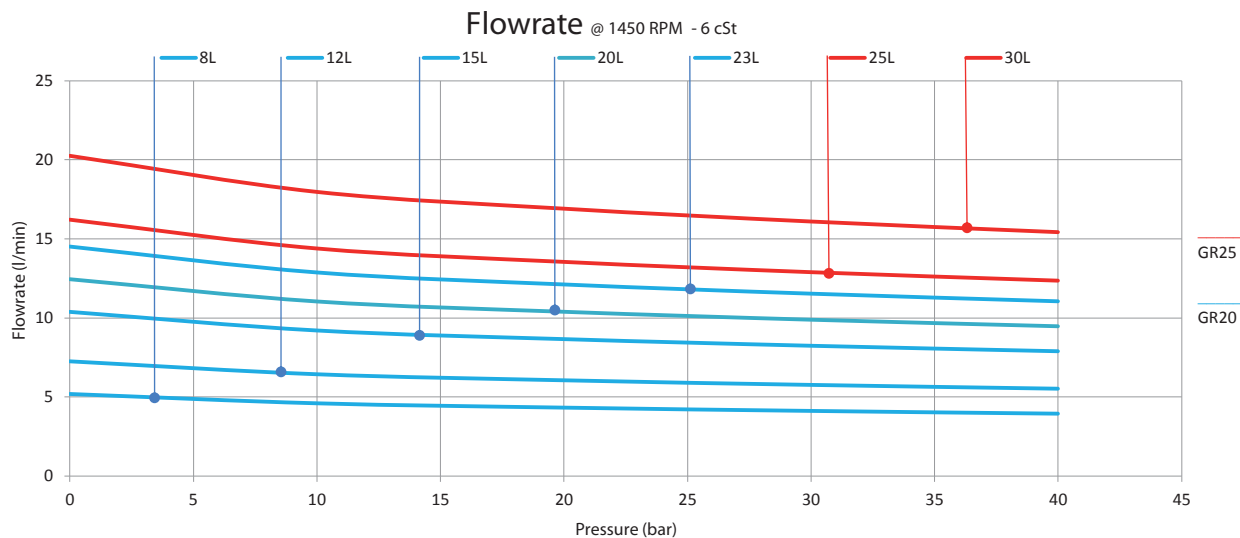
当カップリングを使用することで、駆動側と被駆動側が接触することはありません。

危険な流体をご使用の場合でも、シール性の高い当カップリングをご使用いただければ安心です。

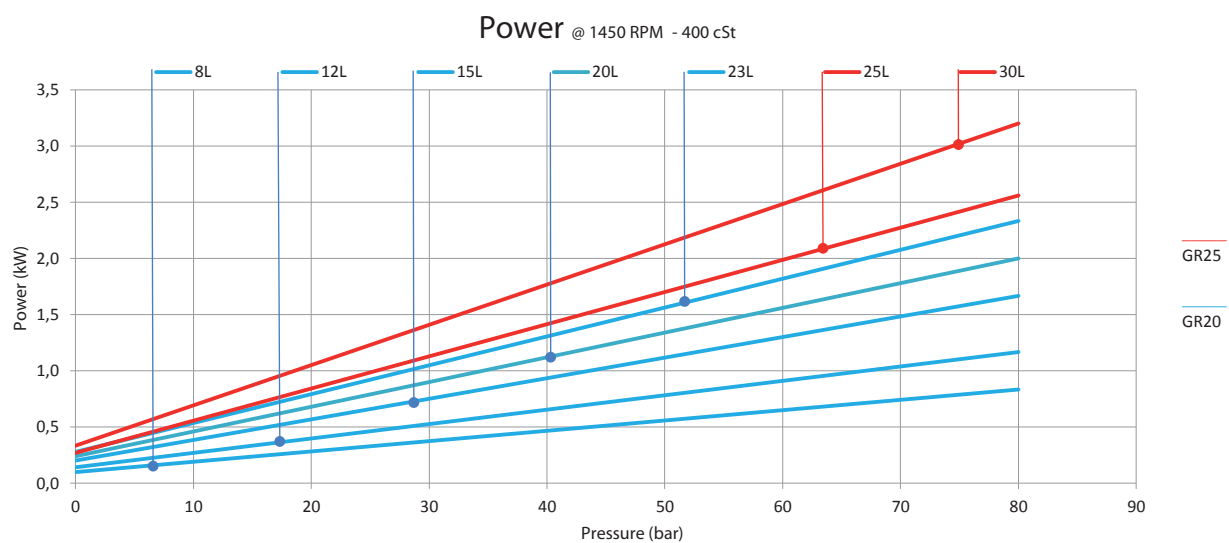
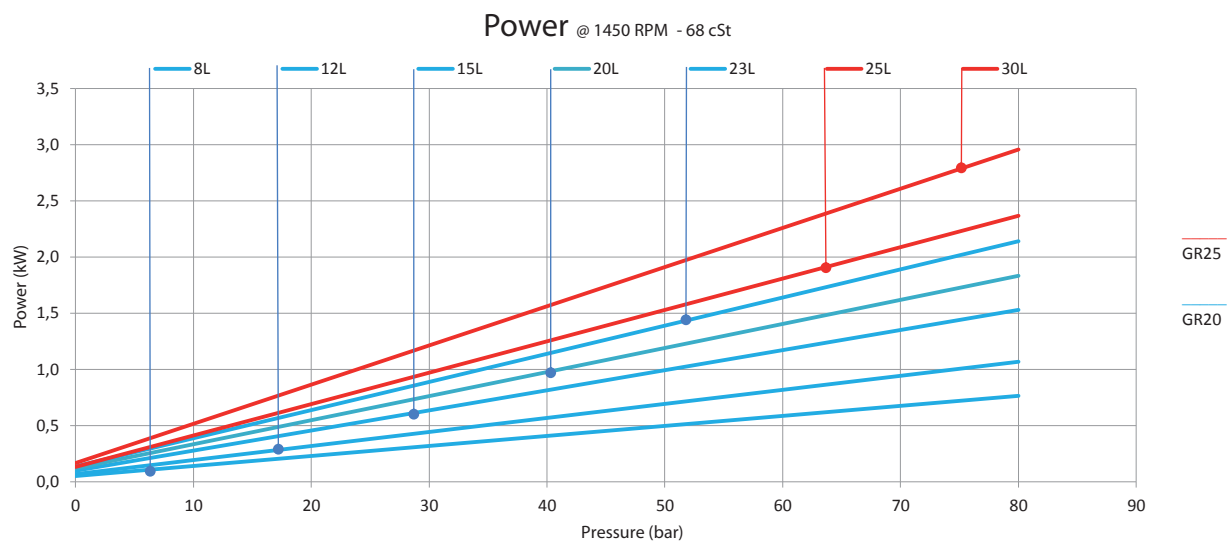
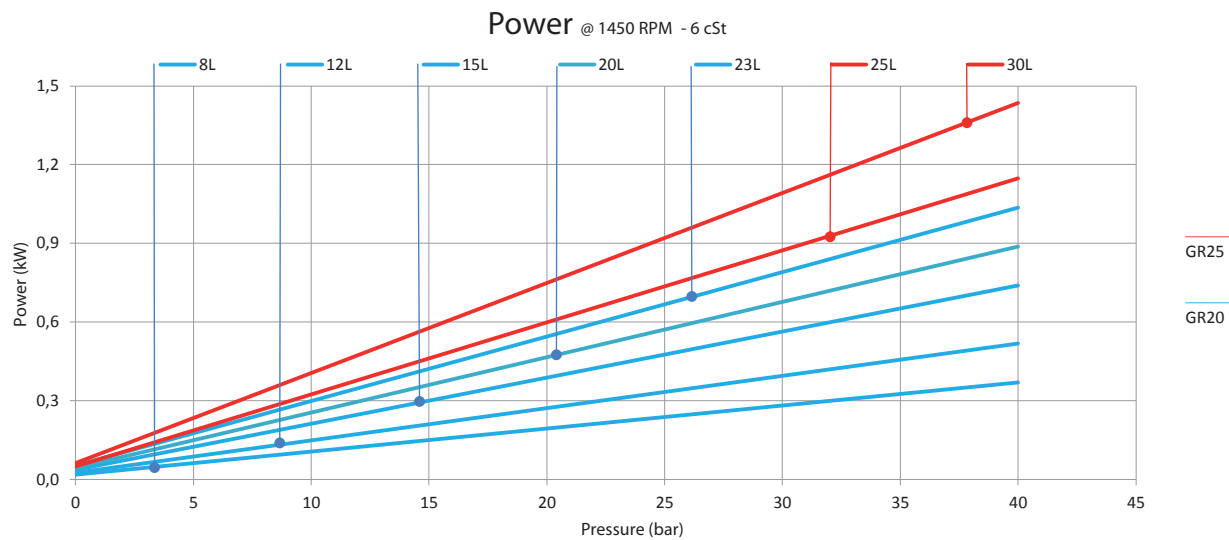
また、当カップリングは機械的な接触がない為、トルクの伝達で生じる振動も非常に小さく抑えられます。漏れが決して許されない環境下で、当カップリングは採用されています。



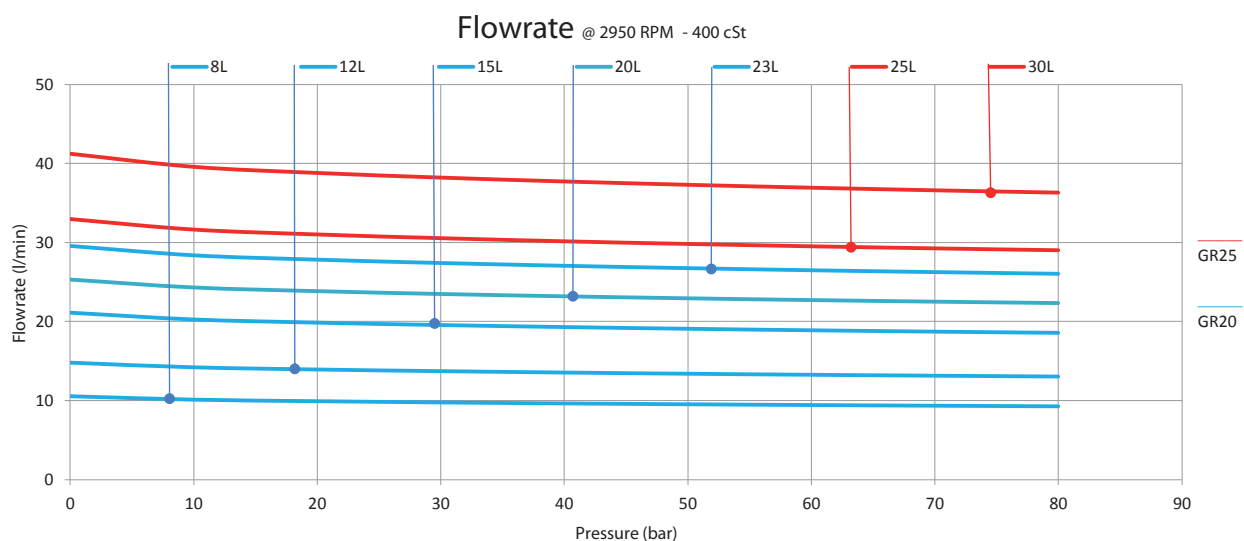
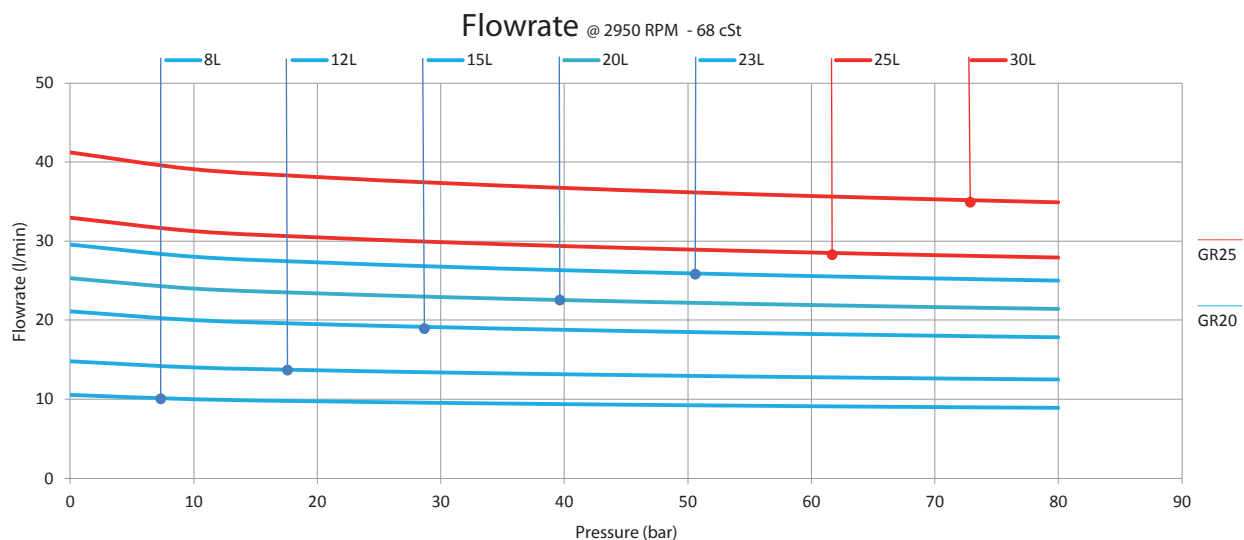
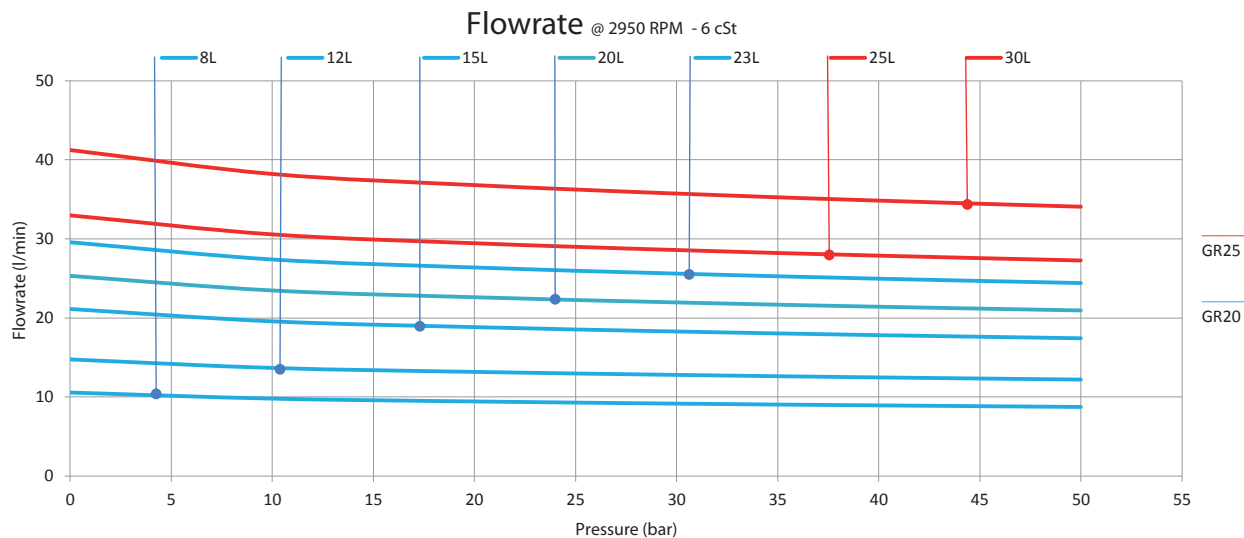
Performances @ 1500 - GR 20-25



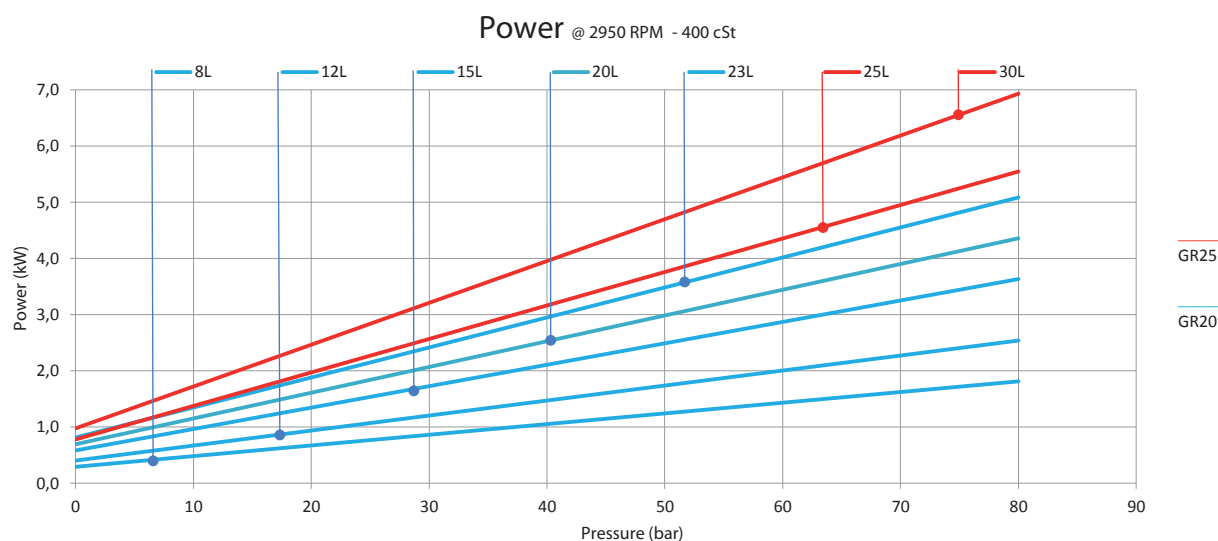
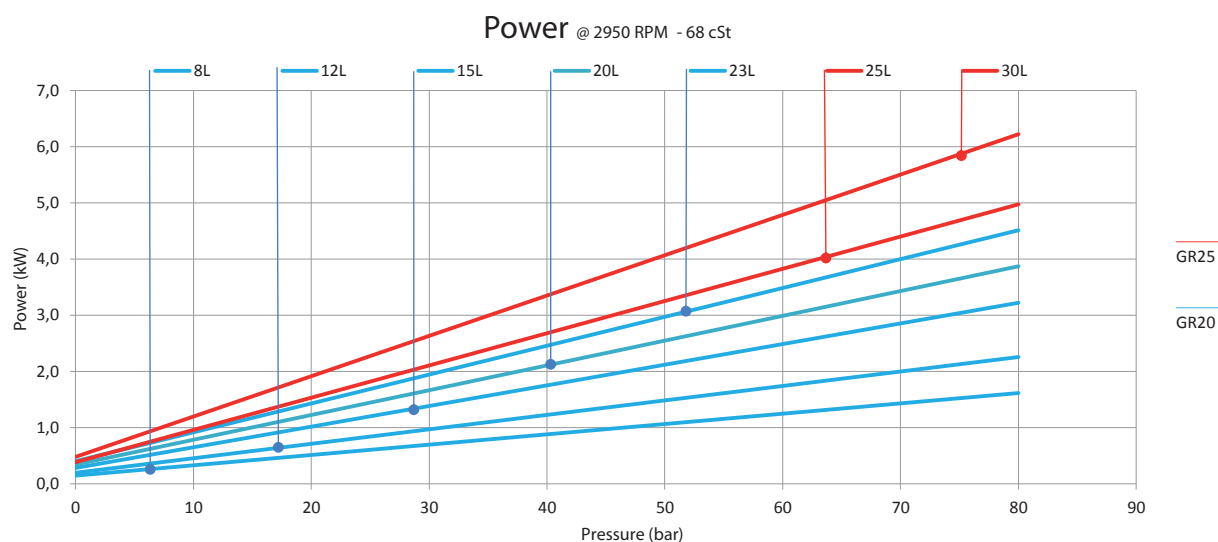
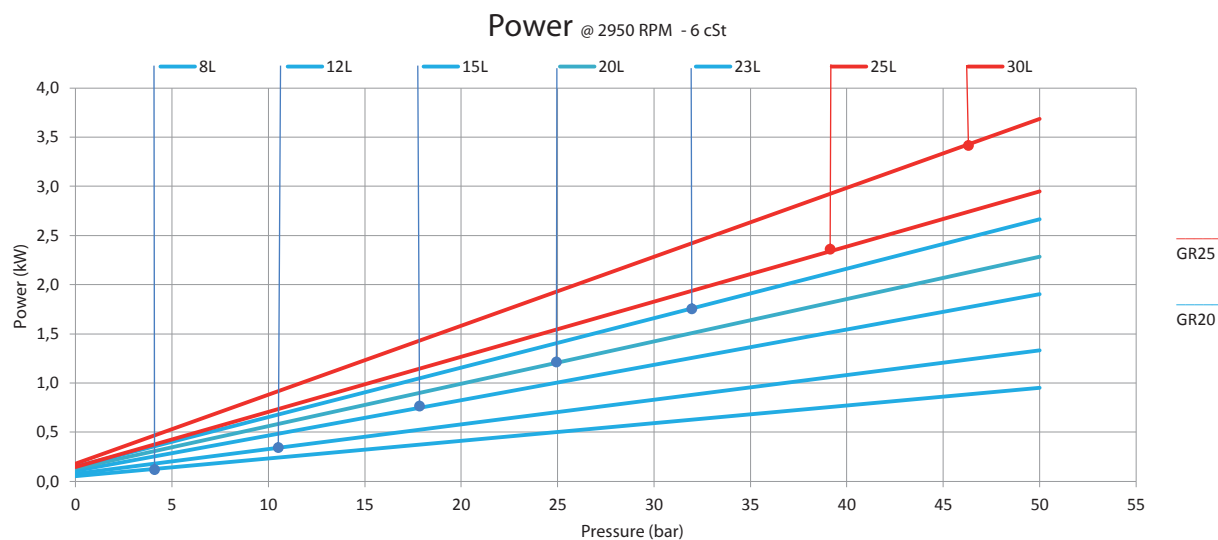
Performances @ 1500 - GR 20-25



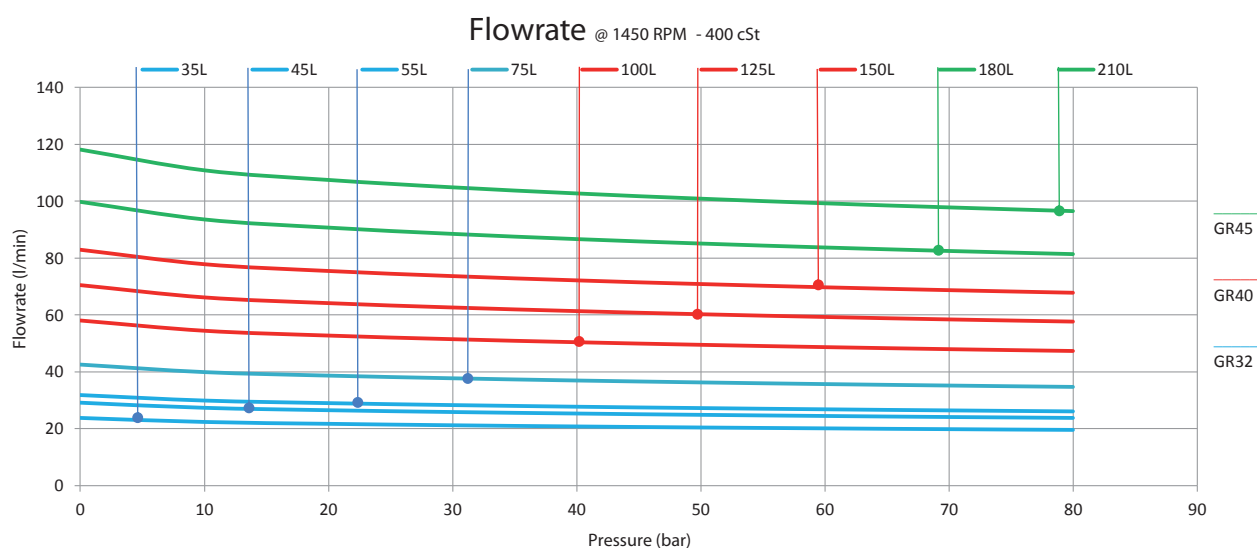
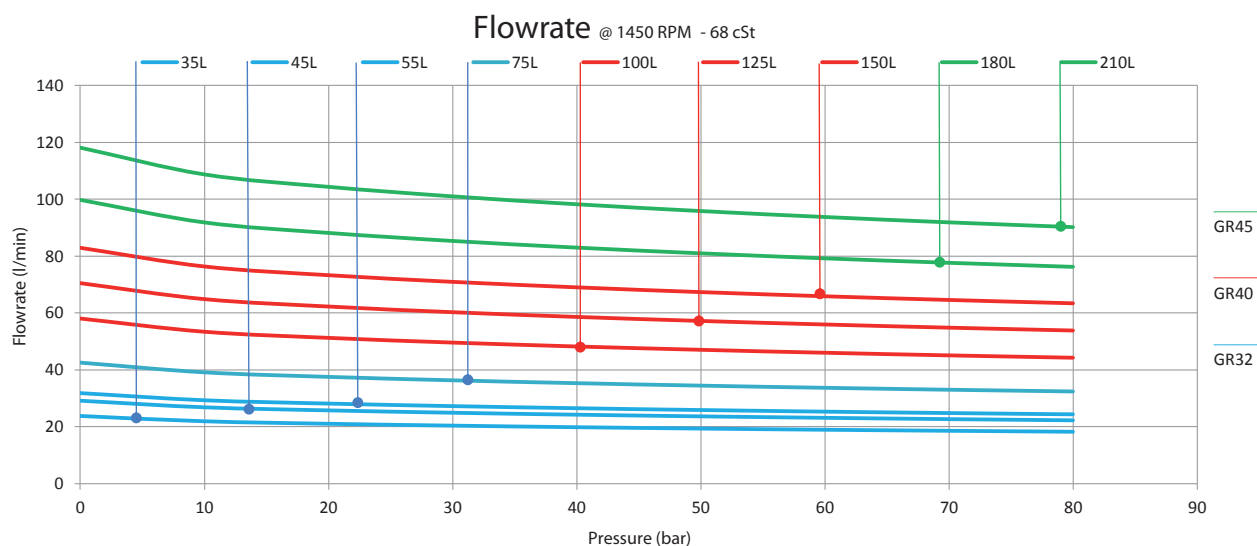
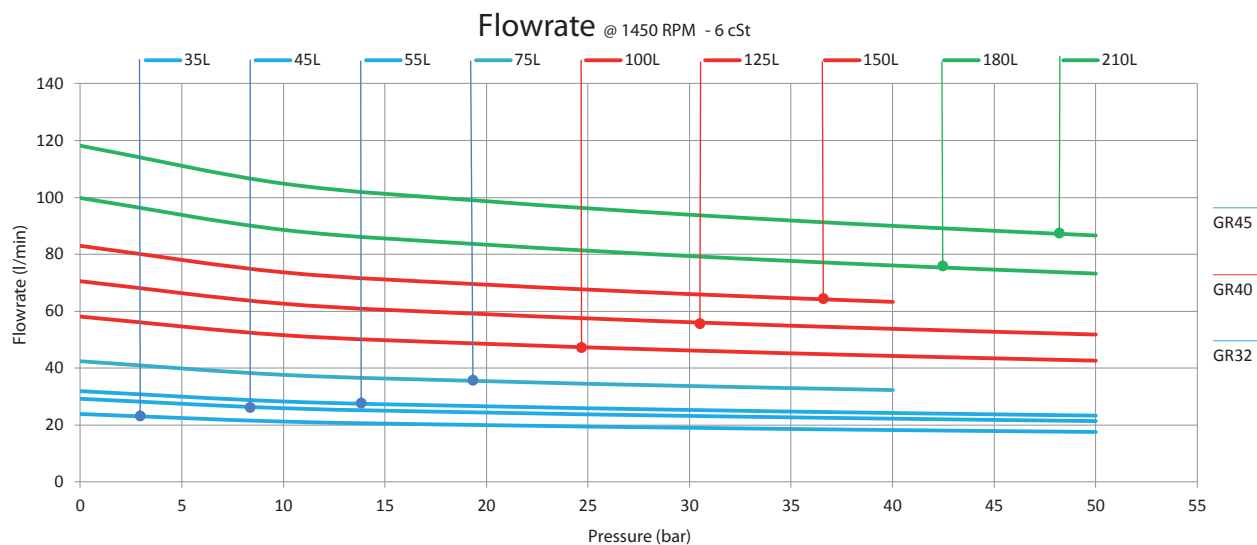
Performances @ 3000 - GR 20-25



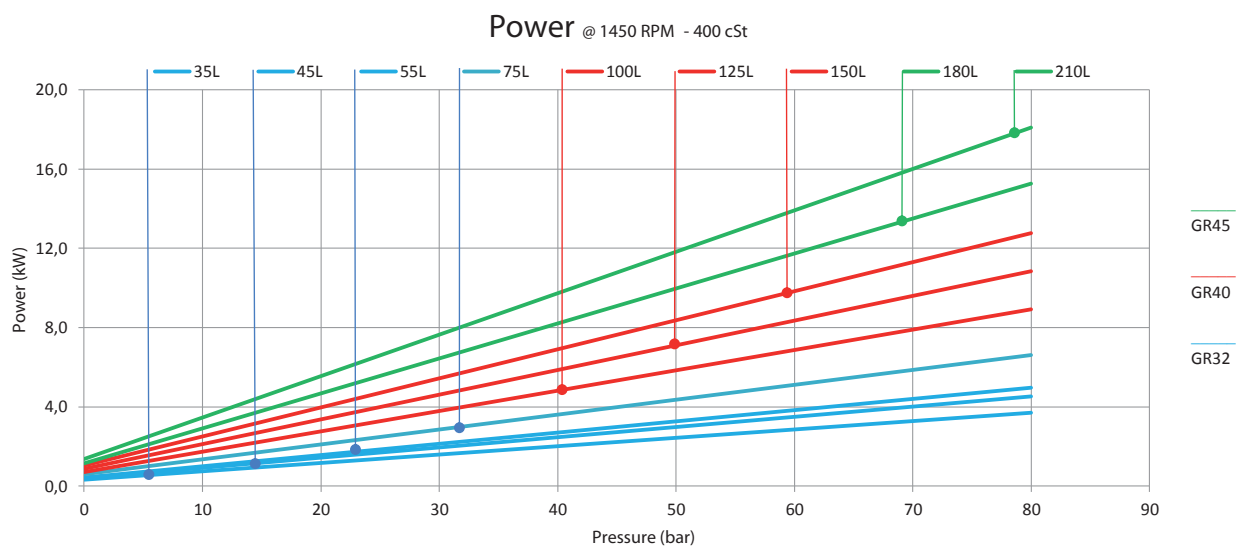
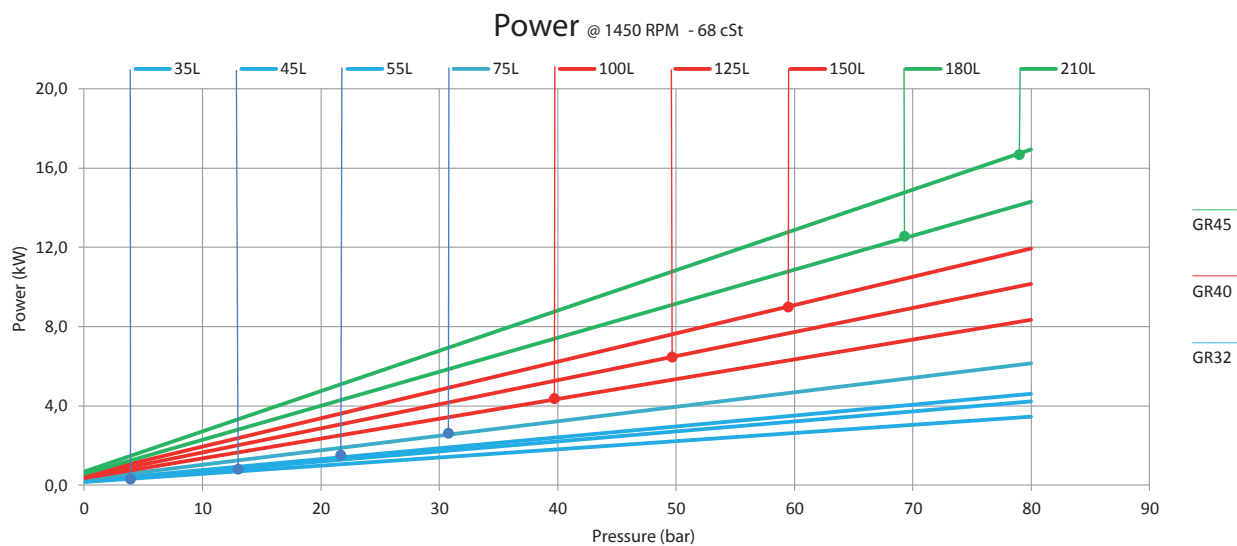
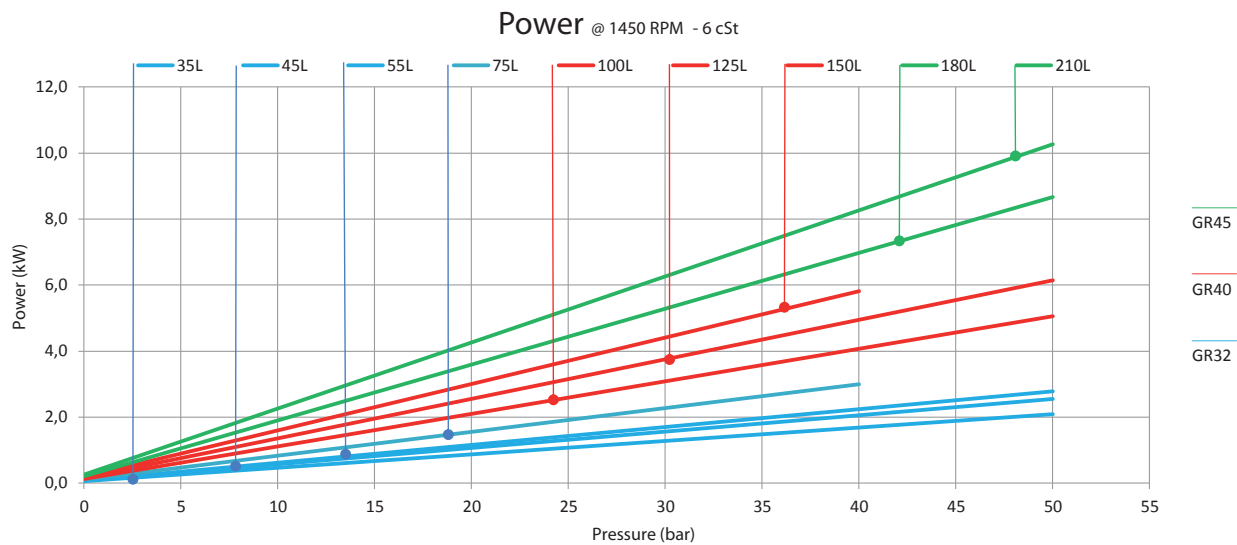
Performances @ 3000 - GR 20-25



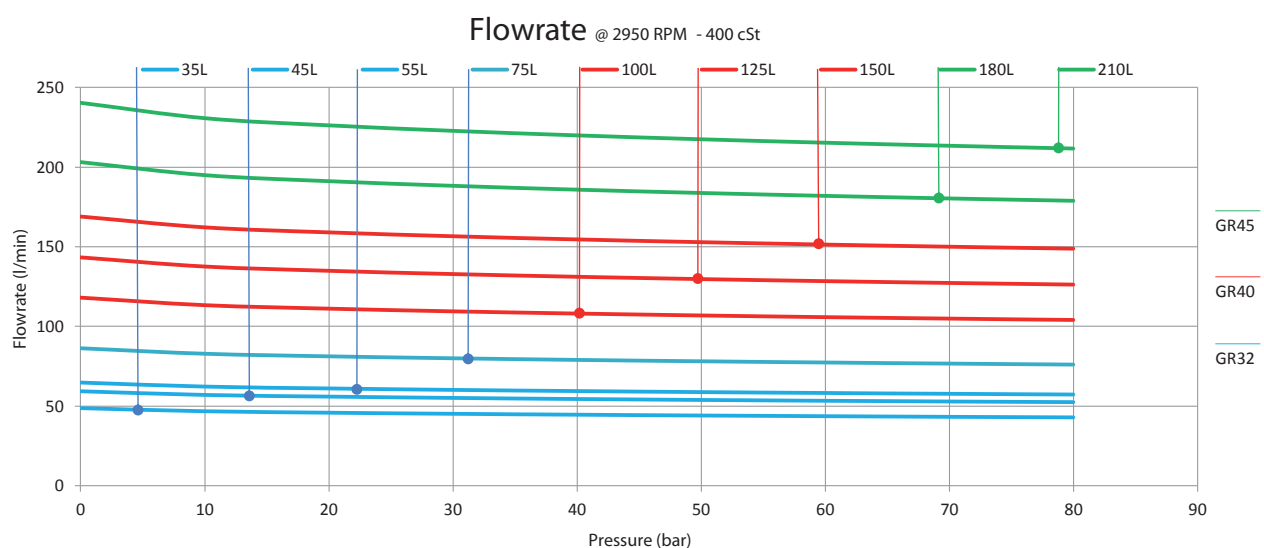
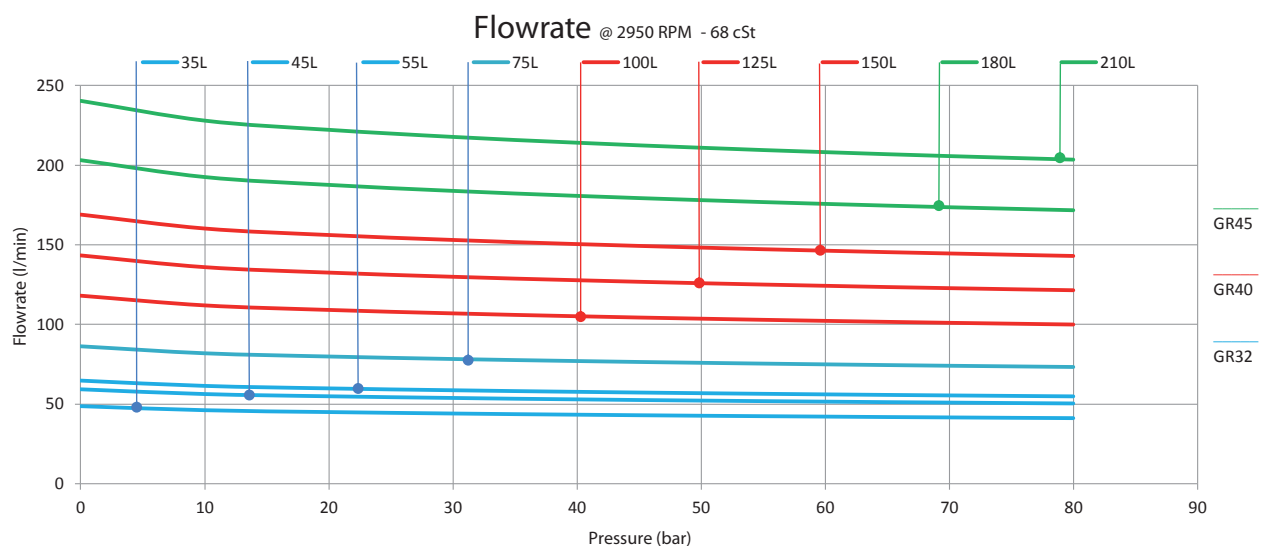
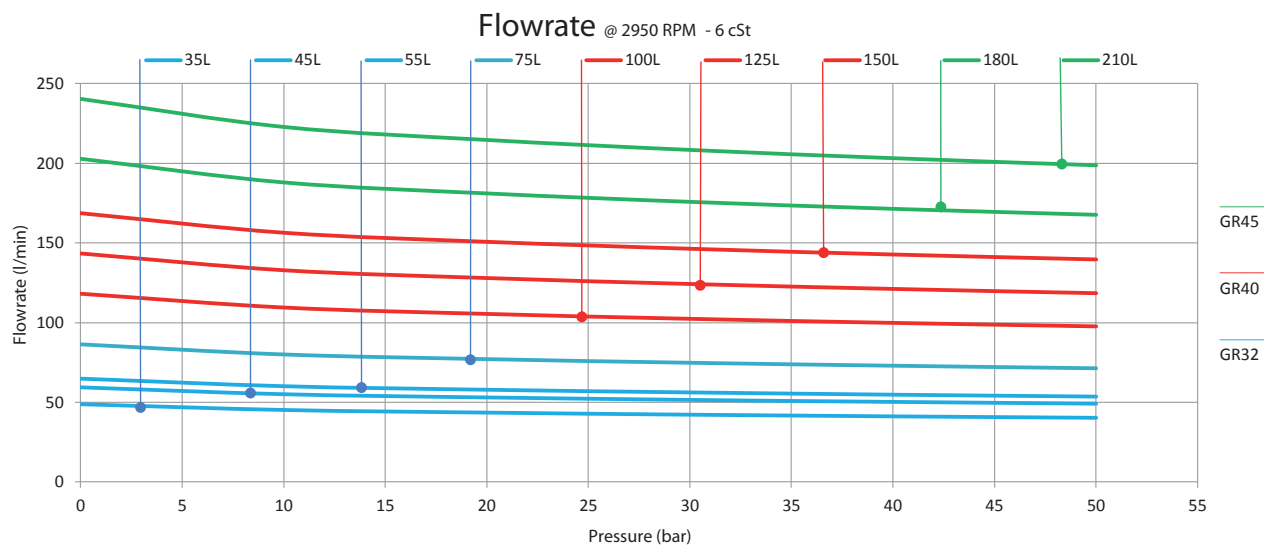
Performances @ 1500 - GR 32-40-45



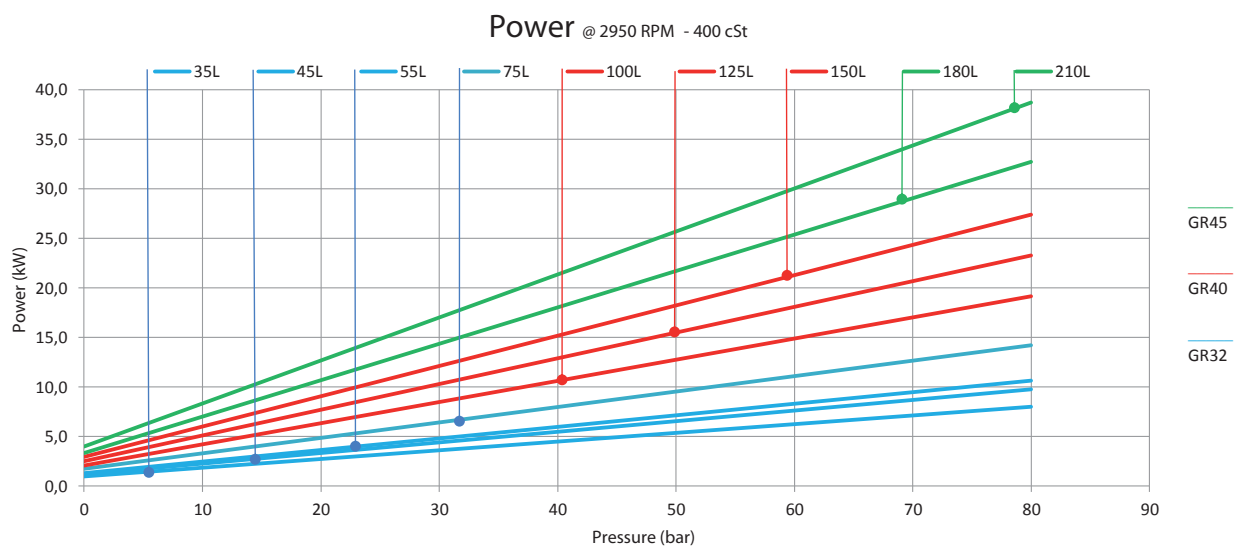
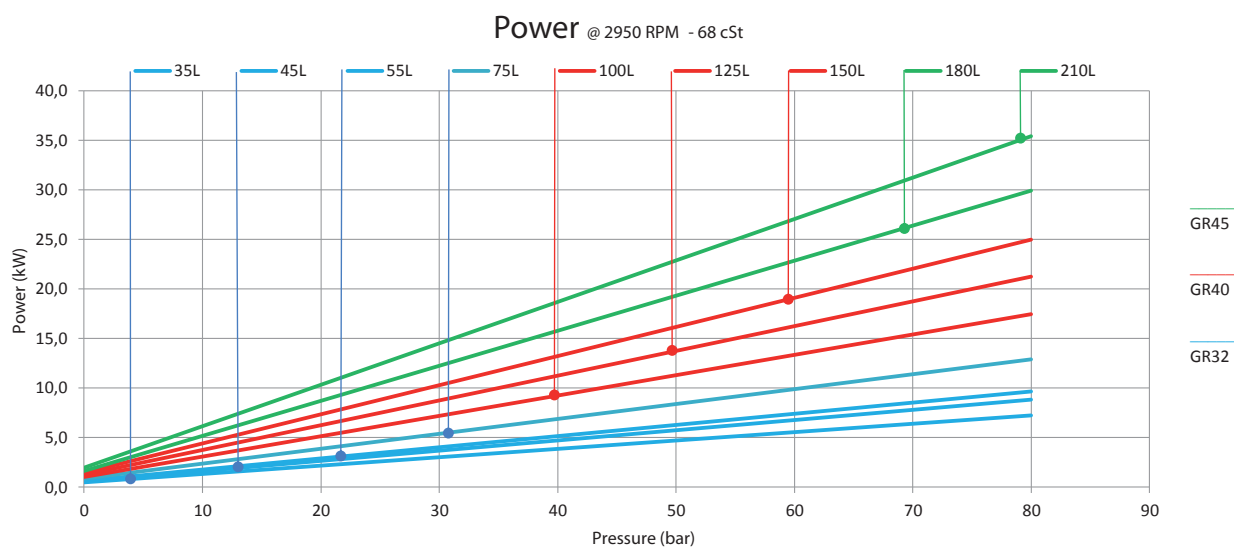
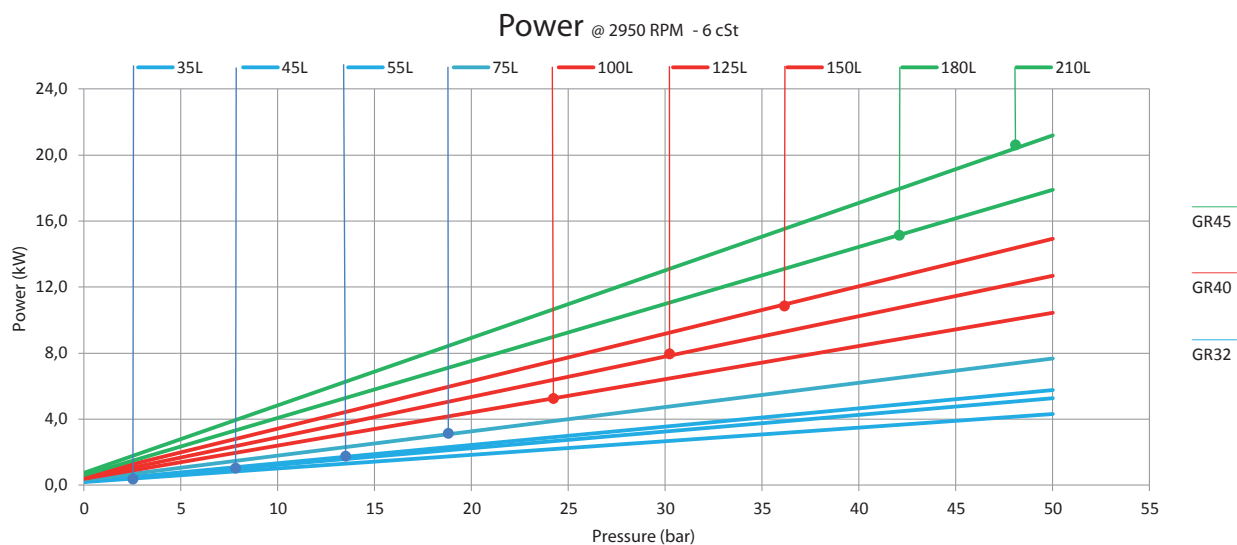
Performances @ 1500 - GR 32-40-45



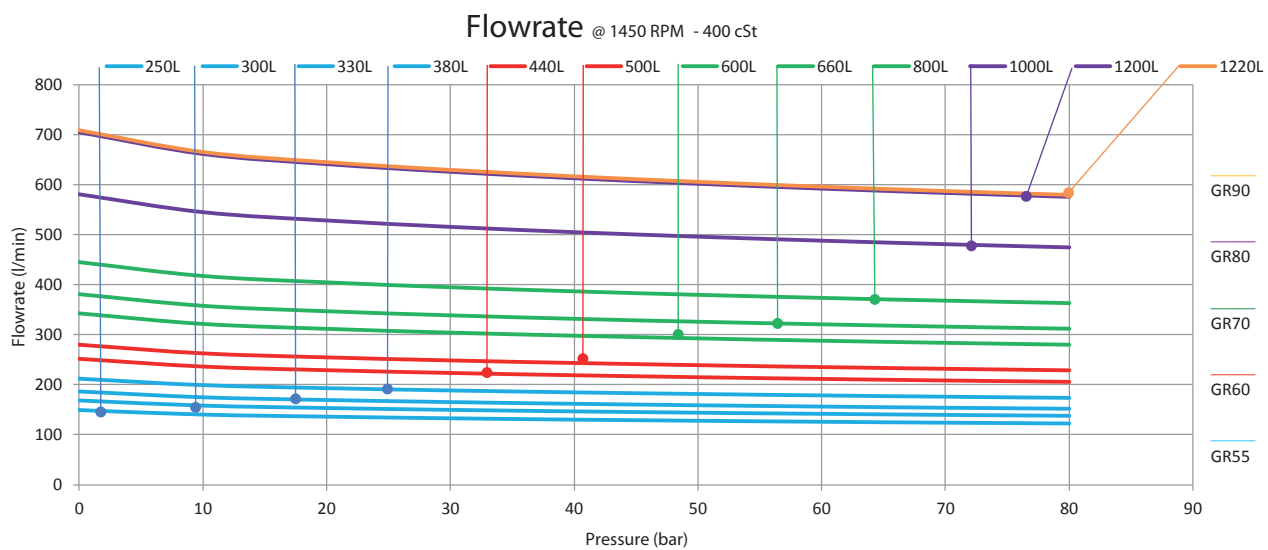
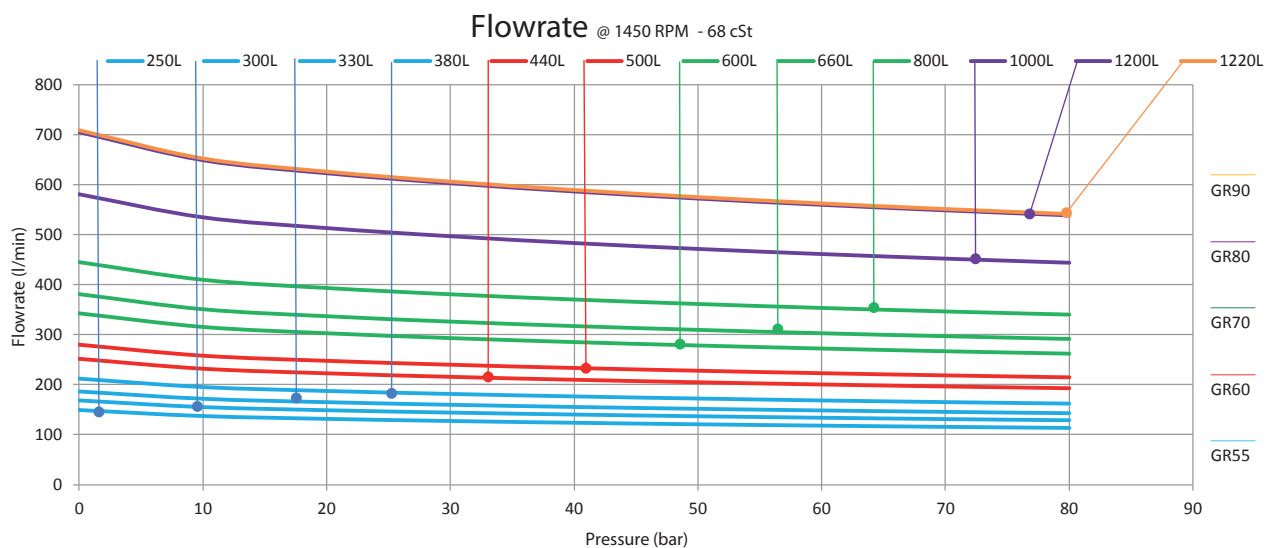
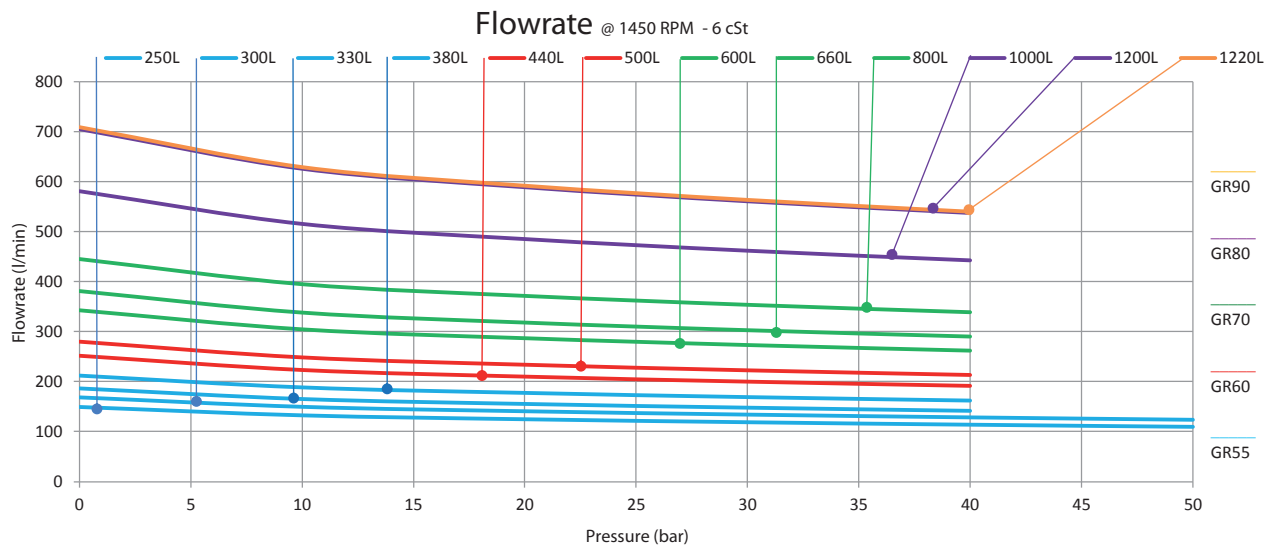
Performances @ 3000 - GR 32-40-45



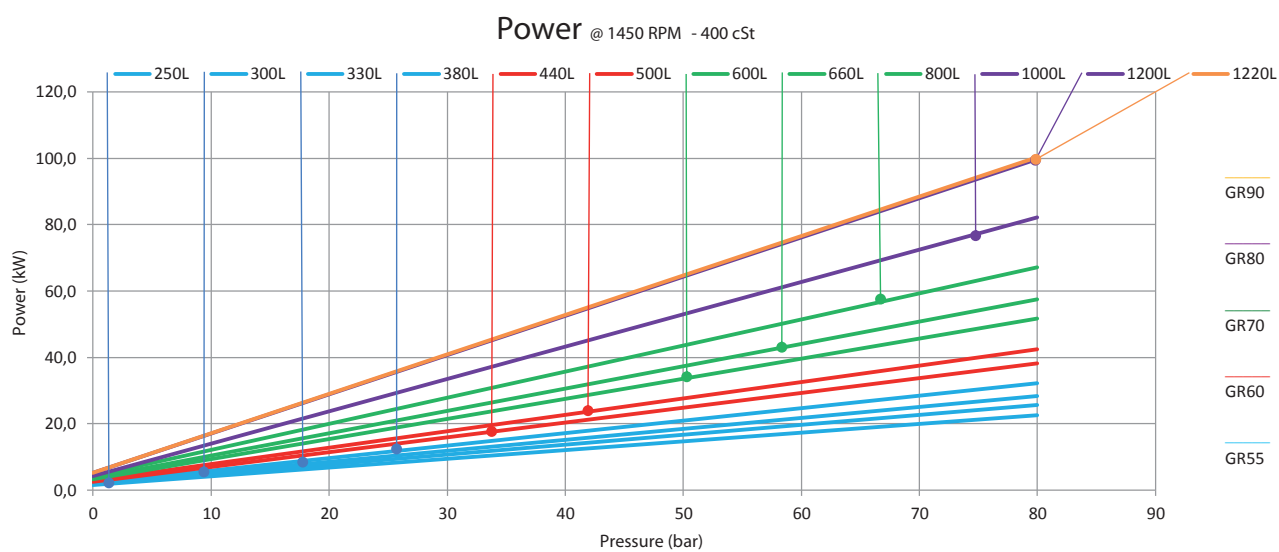
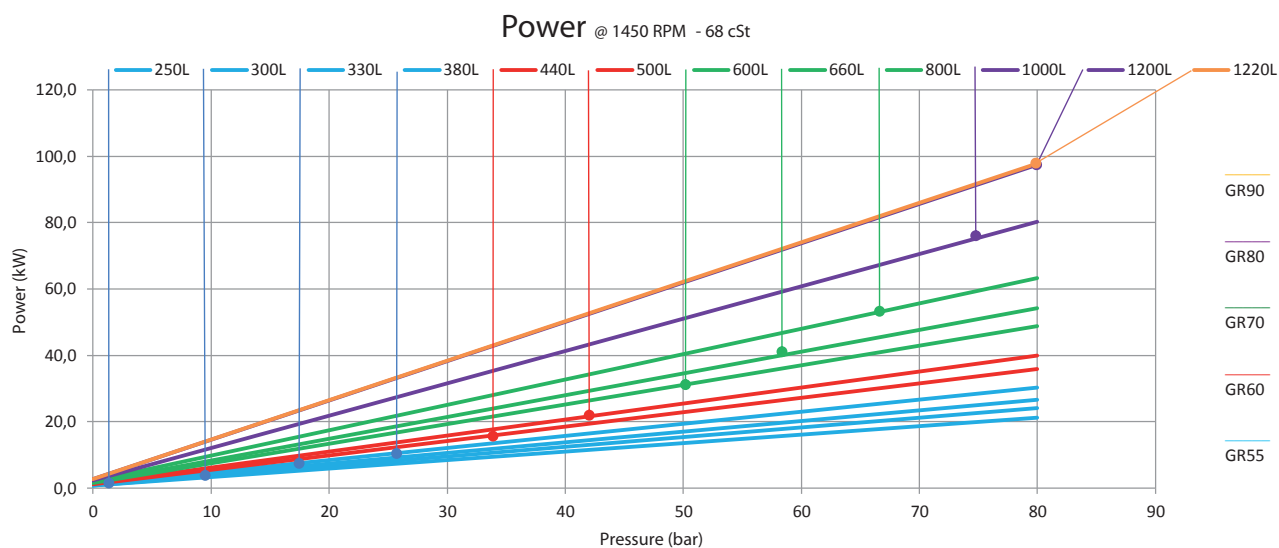
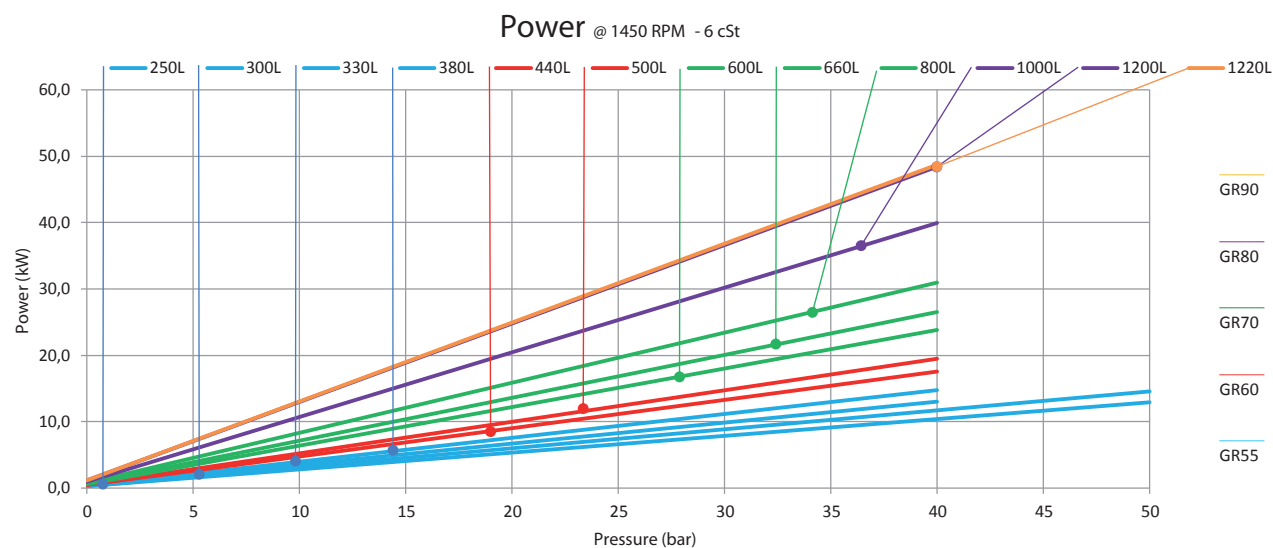
Performances @ 3000 - GR 32-40-45



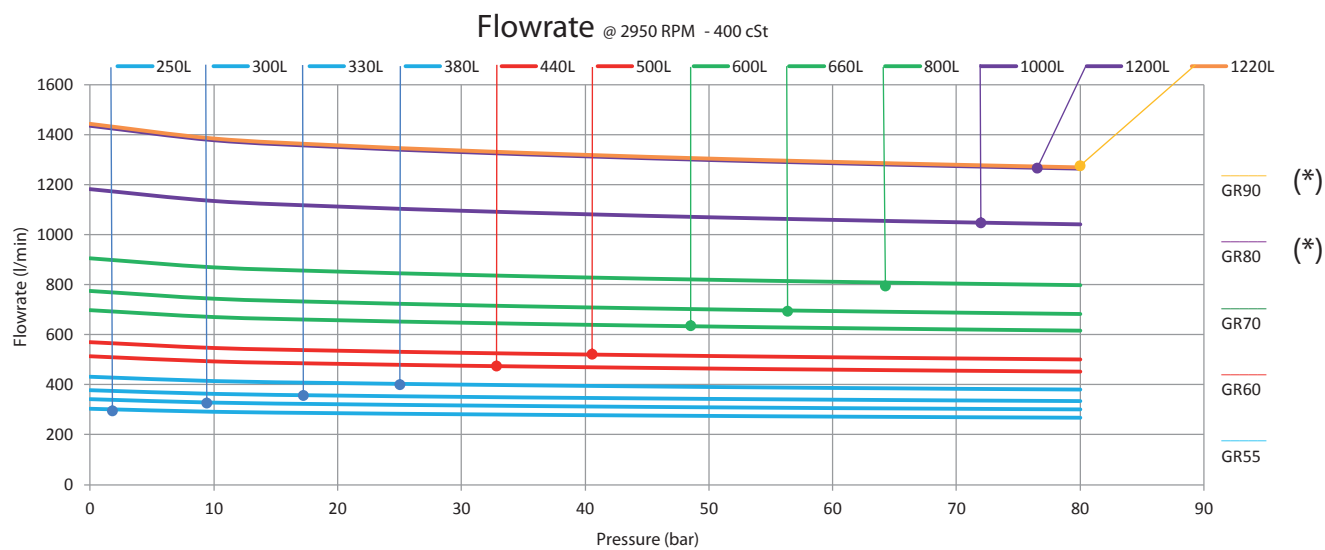
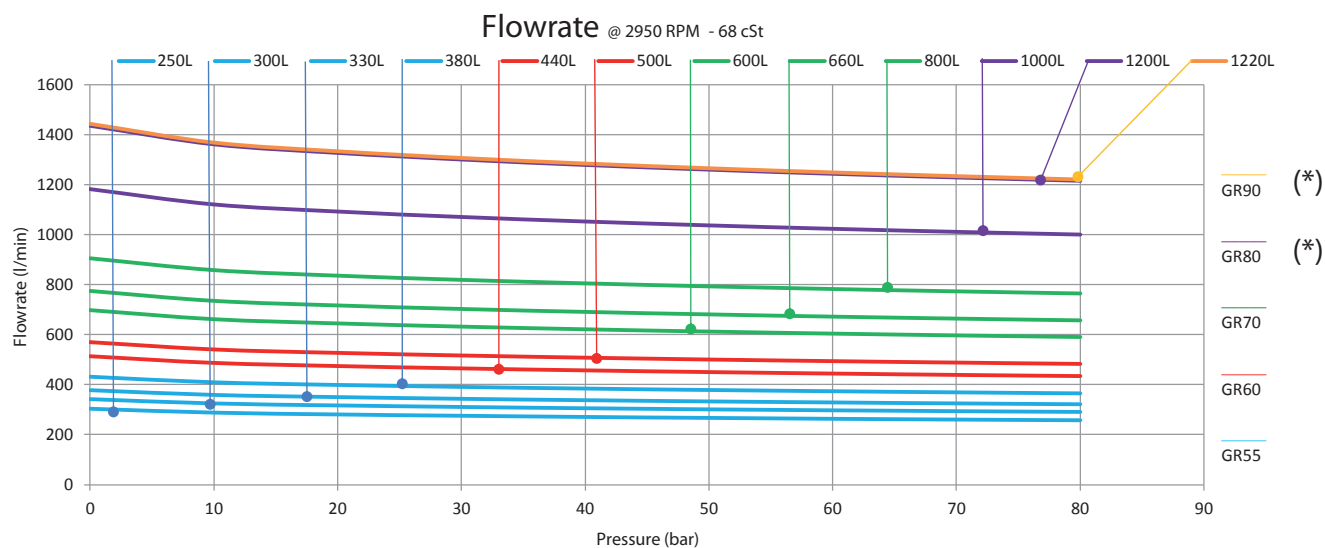
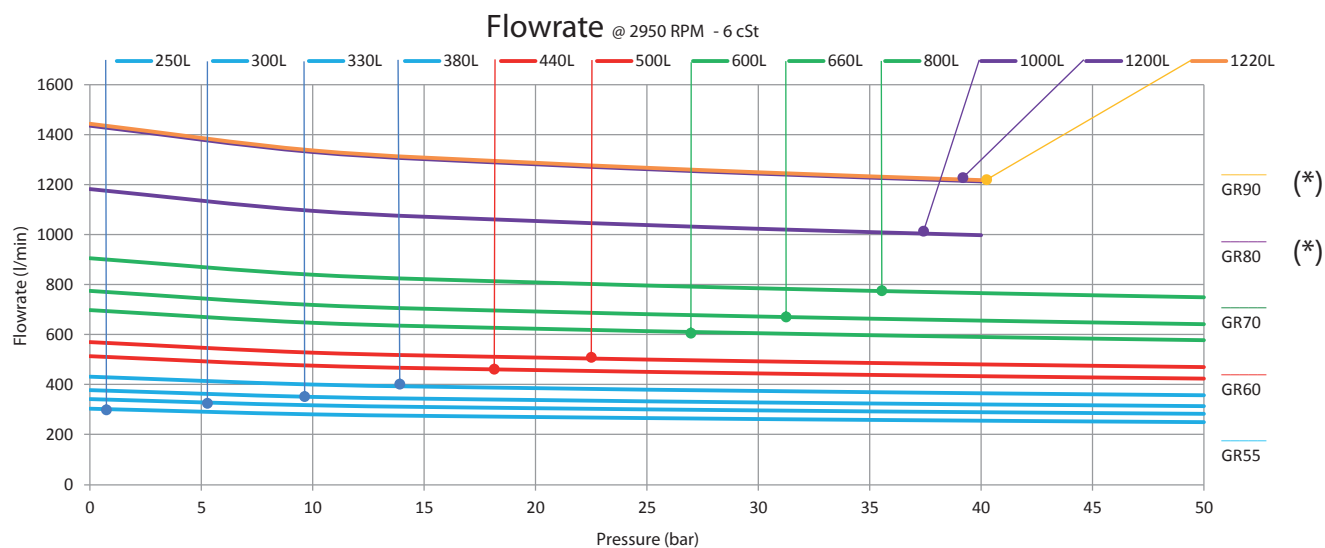
Performances @ 1500 - GR 55-60-70-80-90



Performances @ 1500 - GR 55-60-70-80-90

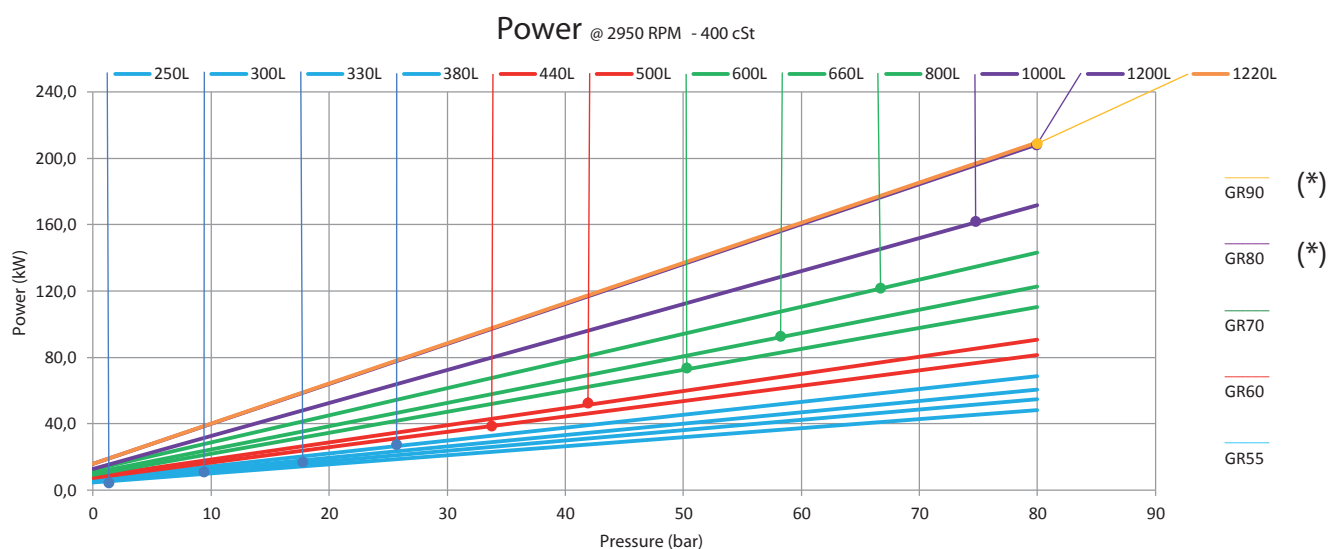
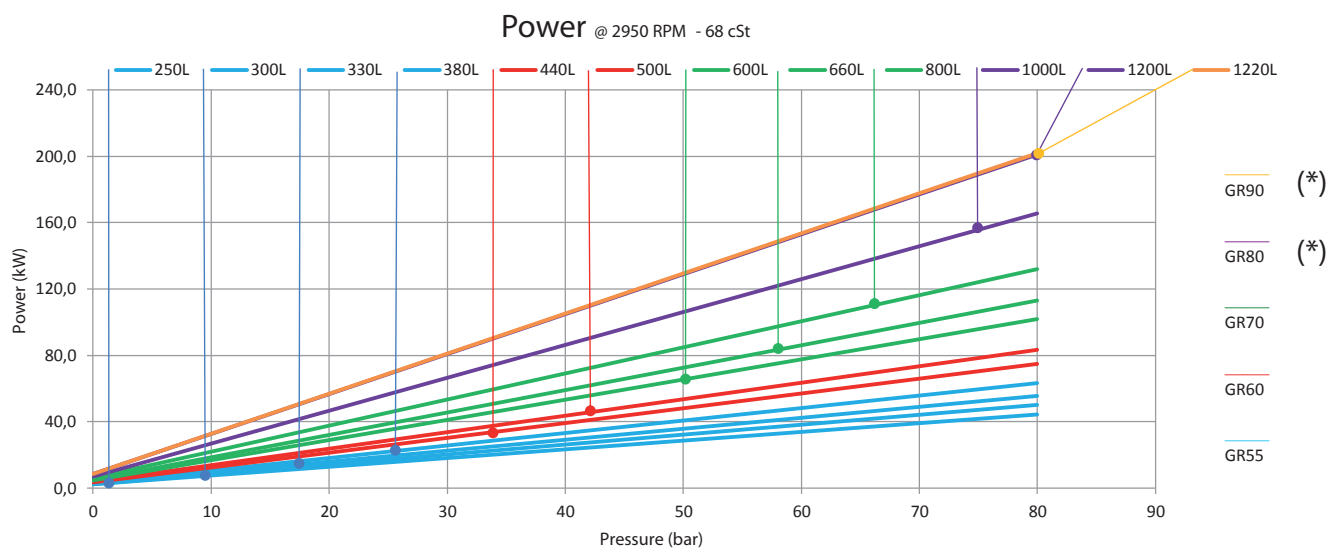
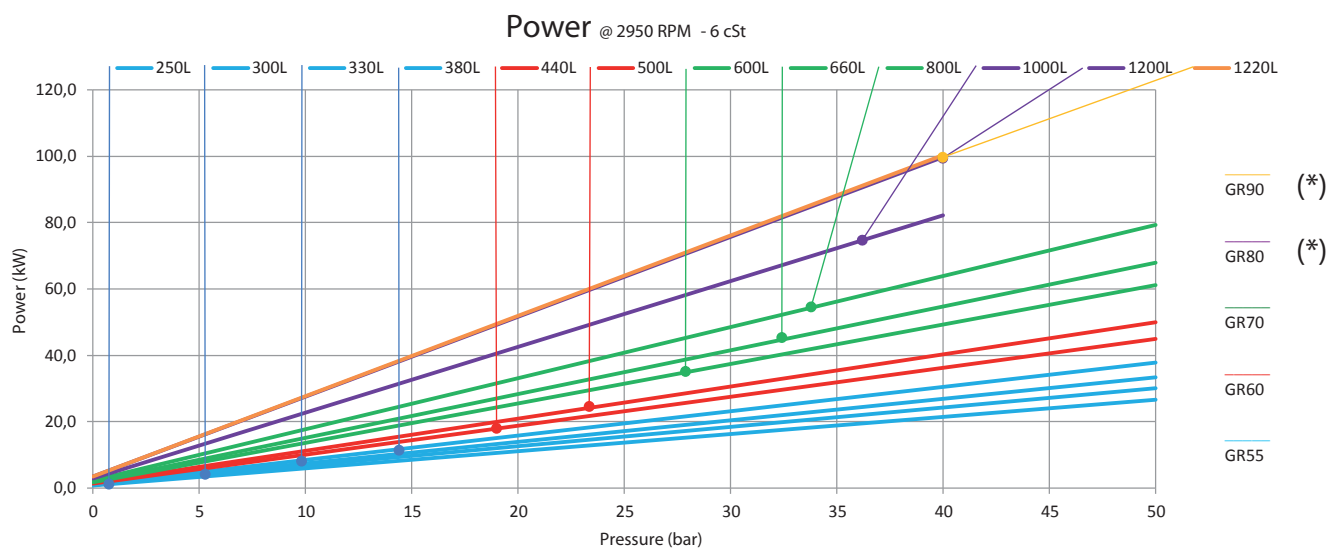


Performances @ 3000 - GR 55-60-70-80-90



(*) For shaft speed lower than 1.000 rpm and over 1.800 rpm please contact Settima. Per velocità inferiori a 1.000 rpm e maggiori di 1.800 rpm contattare Settima.

Performances @ 3000 - GR 55-60-70-80-90



(*) For shaft speed lower than 1.000 rpm and over 1.800 rpm please contact Settima. Per velocità inferiori a 1.000 rpm e maggiori di 1.800 rpm contattare Settima.
All data reported by catalogue can change without any notice. I dati presenti nel catalogo possono cambiare senza preavviso.

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