



QHTM POMPES / PUMPS

ENGRENAGES / GEAR

ALUMI+ / HI-LO / P.T.O. SERIES

HAUTE PRESSION / HIGH PRESSURE





PUMPS POMPES

SELECTION LIENS RAPIDES / QUICK LINKS

POMPES ENGRENAGES / GEAR PUMPS ALUMI



QHP-0 SERIES

0.16cc - 2cc 3000 psi

POMPES ENGRENAGES / GEAR PUMPS ALUMI



QHP-1 SERIES

1.1cc - 8cc 2900 psi - 3650 psi

POMPES ENGRENAGES / GEAR PUMPS ALUMI+



QHP-10 SERIES

SAE AA 2 BOLT

1.3cc - 8cc 3625 psi

POMPES ENGRENAGES / GEAR PUMPS ALUMI+



QHP-20 SERIES

SAE A 2 BOLT

2.5cc - 25cc 2900 psi - 3650 psi

POMPES ENGRENAGES / GEAR PUMPS ALUMI+



QHP-20A SERIES

SAE A 2 BOLT

25cc - 40cc 3650 psi

POMPES ENGRENAGES / GEAR PUMPS ALUMI+



QHP-20Q SERIES

SAE A 2 BOLT

4.5cc - 25cc 3650 psi

Silencieuse / Quiet



PUMPS POMPES

SELECTION LIENS RAPIDES / QUICK LINKS

POMPES ENGRENAGES / GEAR PUMPS ALUMI+



QHP-29 SERIES

SAE B 2 BOLT

10cc - 45cc 2475 psi - 3650 psi

POMPES ENGRENAGES / GEAR PUMPS ALUMI+



QHP-30 SERIES

SAE B 2 BOLT

22cc - 89cc 2600 psi - 3650 psi

POMPES ENGRENAGES / GEAR PUMPS HI-LO



QHP-HL SERIES

4 BOLT PILOT 1.78"

2 Stages

8 - 16 GPM / 3600 RPM 3000 psi

POMPES ENGRENAGES / GEAR PUMPS HI-LO



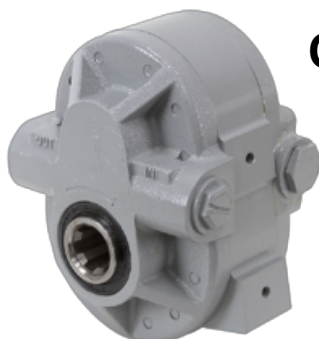
QHP-HFL SERIES

SAE A 2 BOLT

2 Stages

22 - 28 GPM / 3600 RPM 3000 psi

POMPES ENGRENAGES / GEAR PUMPS P.T.O.



QHP-PTO SERIES

P.T.O. 1-3/8 6T FEM.

540 / 1000 RPM

56cc - 160cc 2500 psi

**QHP-0 SERIES****PUMPS POMPES****DESCRIPTION**

QHP-0 est une mini pompe à engrenages hydraulique haute pression entièrement en aluminium. La bride de montage standard est aussi détaillée sur le schéma d'installation et le portage est une combinaison de l'arrière, de l'avant ou du côté comme défini dans l'exemple de commande.

QHP-0 is an all aluminum construction, high pressure Mini Hydraulic Gear Pump. The standard mounting flange is as detailed on the installation drawing and porting is any combination of rear, front or side as defined in the ordering example.

**SPECIFICATIONS**

FILTRATION: 10 micron

VISCOSITÉ HUILE / OIL VISCOSITY: 6 - 200 cSt

PRESSION ENTRÉE / INLET PRESSURE: 12 - 32 psi absolute

TEMPERATURE: HUILE / OIL: -25°C to 80°C / -12°F to 175°F

AMBIANT: -22°C to 55°C / -8°F to 130°F

DÉBIT / FLOW GPM = (in3/rev) X (RPM) / 231

EFFICACITÉ / EFFICIENCY % >93

POMPE / PUMP	DÉBIT / FLOW		PRESSION / PRESSURE		RPM		POIDS / WEIGHT	
	cm3/REV	in3/REV	psi	bar	Min.	Max.	LBS	KG
QHP-0-0.16	0.16	0.009	3000	200	800	7000	0.82	0.37
QHP-0-0.25	0.25	0.015	3000	200	800	7000	0.84	0.38
QHP-0-0.50	0.50	0.030	3000	200	800	7000	0.87	0.39
QHP-0-0.75	0.75	0.045	3000	200	800	7000	0.91	0.41
QHP-0-1.00	1.00	0.060	3000	200	800	6000	0.92	0.42
QHP-0-1.25	1.25	0.080	3000	200	800	5000	1.00	0.45
QHP-0-1.50	1.50	0.090	3000	200	800	4000	1.04	0.47
QHP-0-1.75	1.75	0.110	3000	200	800	4000	1.08	0.49
QHP-0-2.00	2.00	0.120	3000	200	800	3500	1.13	0.51

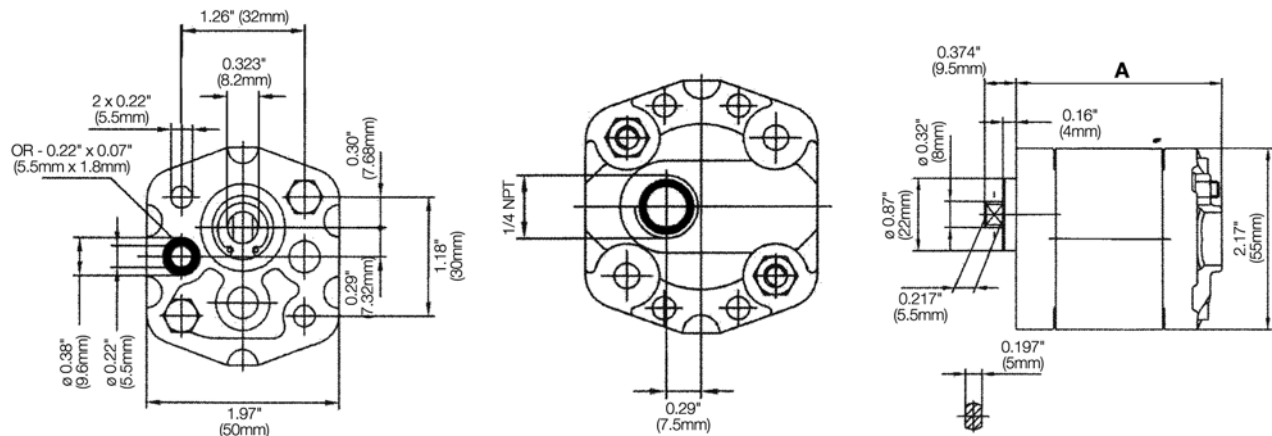


POMPES ENGRENAGES / GEAR PUMPS ALUMI



QHP-0 SERIES

DIMENSIONS



POMPE / PUMP

A

mm / inch

QHP-0-0.16	60	2.36
QHP-0-0.25	61	2.40
QHP-0-0.50	63	2.48
QHP-0-0.75	65	2.55
QHP-0-1.00	68	2.68

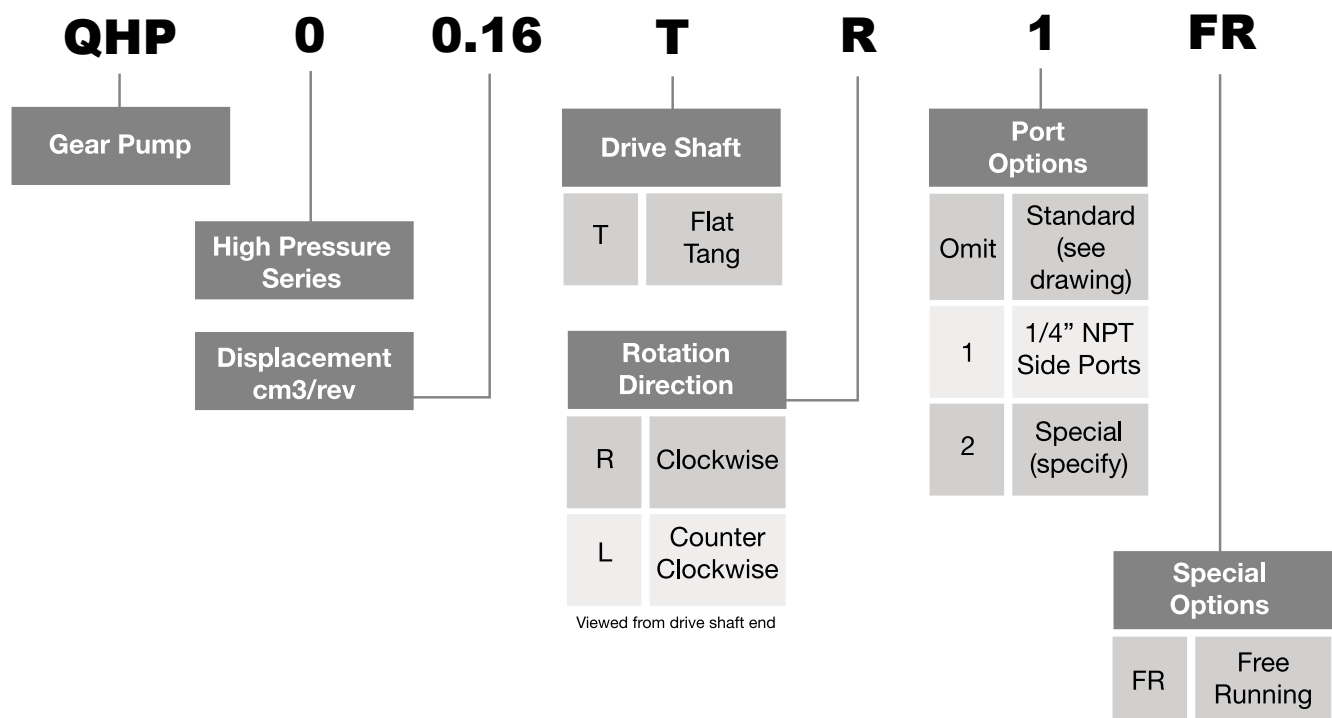
POMPE / PUMP

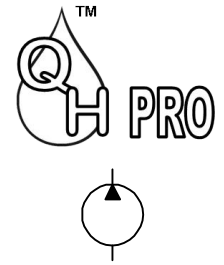
A

mm / inch

QHP-0-1.25	70	2.75
QHP-0-1.50	72	2.83
QHP-0-1.75	75	2.95
QHP-0-2.00	77	3.03

CODE



**QHP-1 SERIES****PUMPS POMPES****DESCRIPTION**

QHP-1 est une pompe à engrenages hydraulique haute pression entièrement en aluminium. La bride de montage standard est aussi détaillée sur le schéma d'installation et le portage est une combinaison de l'arrière, de l'avant ou du côté comme défini dans l'exemple de commande. Les options de l'arbre d'entraînement comprennent une tige plate ou une clavette conique.

QHP-1 is an all aluminum construction, high pressure Hydraulic Gear Pump. The standard mounting flange is as detailed on the installation drawing and porting is any combination of rear, front or side as defined in the ordering example. The drive shaft options include flat tang or tapered keyed.

**SPECIFICATIONS**

FILTRATION: 10 micron

VISCOSITÉ HUILE / OIL VISCOSITY: 6 - 200 cSt

PRESSION ENTRÉE / INLET PRESSURE: 12 - 32 psi absolute

TEMPERATURE: HUILE / OIL: -25°C to 80°C / -12°F to 175°F

AMBIANT: -22°C to 55°C / -8°F to 130°F

DÉBIT / FLOW GPM = (in3/rev) X (RPM) / 231

EFFICACITÉ / EFFICIENCY % >93

POMPE / PUMP	DÉBIT / FLOW		PRESSION / PRESSURE		RPM		POIDS / WEIGHT	
	cm3/REV / in3/REV		psi	/ bar	Min.	/ Max.	LBS	/ KG
QHP-1-1.1	1.1	0.06	3650	250	600	6000	1.69	0.77
QHP-1-1.3	1.3	0.07	3650	250	600	6000	1.73	0.79
QHP-1-1.6	1.6	0.09	3650	250	600	6000	1.76	0.80
QHP-1-1.8	1.8	0.10	3650	250	600	6000	1.78	0.81
QHP-1-2.1	2.1	0.12	3650	250	600	6000	1.80	0.82
QHP-1-2.7	2.7	0.16	3650	250	600	6000	1.87	0.85
QHP-1-3.2	3.2	0.19	3650	250	600	5000	1.91	0.87
QHP-1-3.7	3.7	0.22	3650	250	600	4500	1.98	0.90
QHP-1-4.2	4.2	0.25	3650	250	600	4000	2.02	0.92
QHP-1-4.8	4.8	0.29	2900	200	600	3500	2.09	0.95
QHP-1-5.8	5.8	0.35	2900	200	600	2900	2.20	1.00
QHP-1-8.0	8.0	0.48	2900	200	600	2100	2.42	1.10

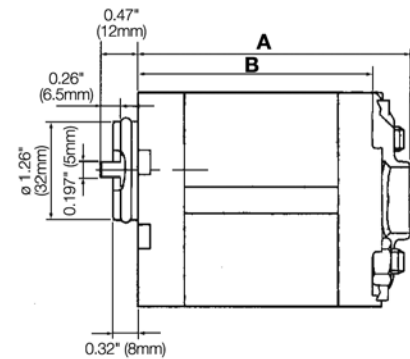
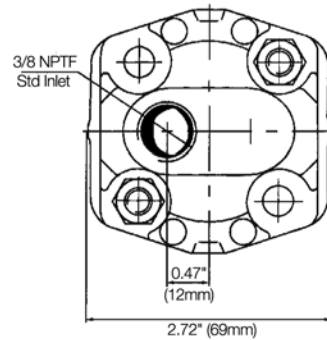
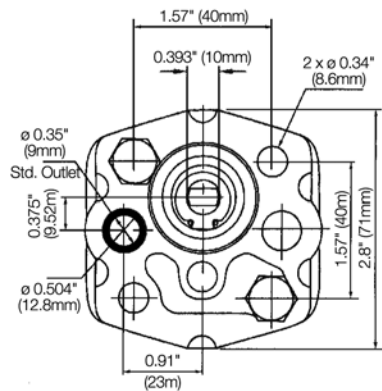


POMPES ENGRENAGES / GEAR PUMPS ALUMI



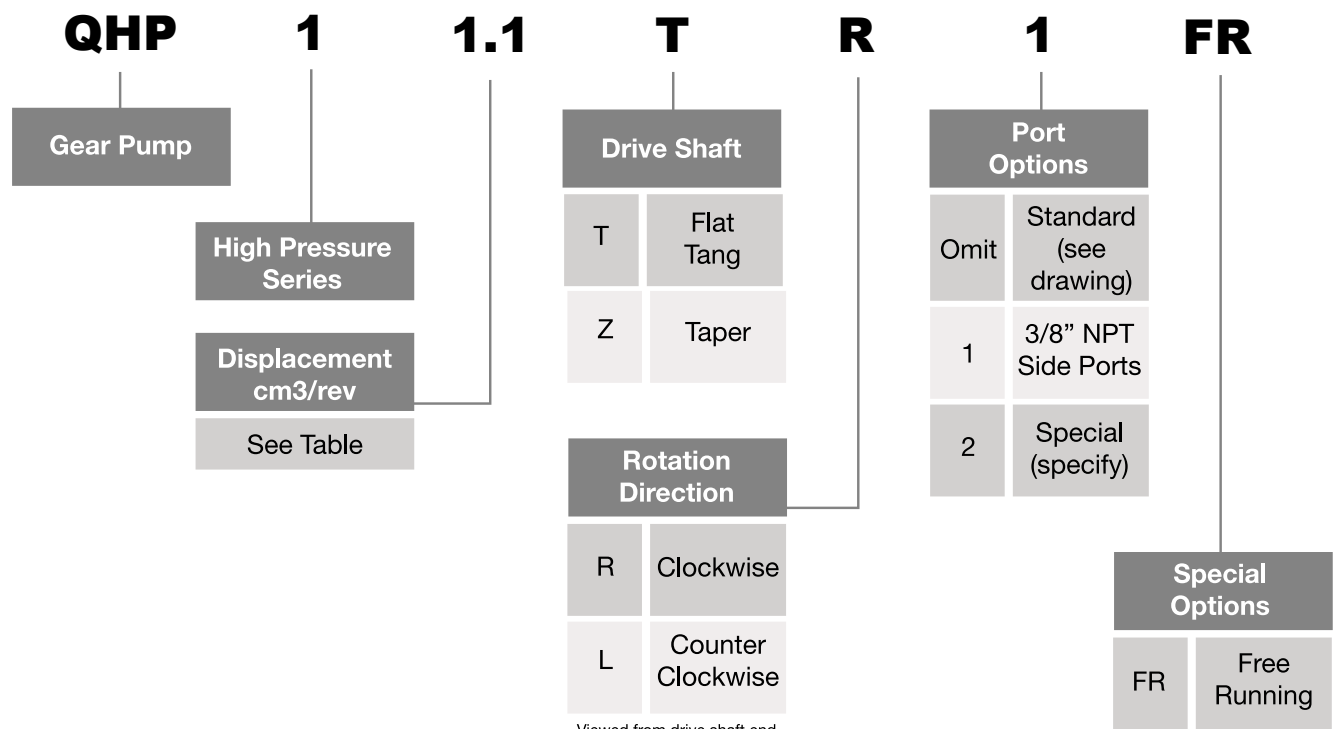
QHP-1 SERIES

DIMENSIONS



POMPE / PUMP	A		B		POMPE / PUMP	A		B	
	mm	/ inch	mm	/ inch		mm	/ inch	mm	/ inch
QHP-1-1.1	74	2.91	62	2.44	QHP-1-3.2	82	3.23	70	2.76
QHP-1-1.3	75	2.95	63	2.48	QHP-1-3.7	84	3.31	72	2.83
QHP-1-1.6	76	2.99	64	2.52	QHP-1-4.2	86	3.39	74	2.91
QHP-1-1.8	77	3.03	65	2.56	QHP-1-4.8	88	3.46	76	2.99
QHP-1-2.1	78	3.07	66	2.60	QHP-1-5.8	92	3.62	80	3.15
QHP-1-2.7	80	3.15	68	2.68	QHP-1-8.0	100	3.94	88	3.46

CODE



**QHP-10 SERIES****PUMPS POMPES****DESCRIPTION**

QHP-10 est une pompe à engrenages haute pression avec embouts en fonte et un boîtier en aluminium.

La bride de montage standard est **SAE AA-2 bolt**.

Les ports standard sont l'entrée **ORB -8** et la sortie **ORB -6**.

L'arbre d'entraînement standard est un arbre droit de 1/2" avec une clé de 1/8".

QHP-10 is a high pressure gear pump with cast iron end caps and an aluminum housing.

Standard mounting flange is **SAE AA-2 bolt**.

Standard ports are **ORB -8** inlet and **ORB -6** outlet.

Standard drive shaft is 1/2" straight shaft with 1/8" key.

**MONTAGE / MOUNT:**

SAE AA 2 BOLT PILOT 2.00"

ARBRES / SHAFT:

1/2" KEY 1/8"

SPECIFICATIONS

FILTRATION: 10 micron

VISCOSITÉ HUILE / OIL VISCOSITY: 6 - 200 cSt

PRESSION ENTRÉE / INLET PRESSURE: 12 - 32 psi absolute

TEMPERATURE: HUILE / OIL: -25°C to 80°C / -12°F to 175°F

AMBIANT: -22°C to 55°C / -8°F to 130°F

PORTS:

Entrée / Inlet: SAE ORB -8 (3/4"-16 UNF)

Sortie / Outlet: SAE ORB -6 (9/16"-18 UNF)

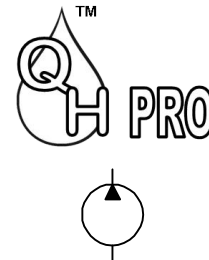
DÉBIT / FLOW GPM = (in3/rev) X (RPM) / 231

EFFICACITÉ / EFFICIENCY % >93

POMPE / PUMP	GPM@	DÉBIT / FLOW		PRESSION / PRESSURE		RPM		POIDS / WEIGHT	
	1800 RPM	cm3/REV / in3/REV		psi / bar		Min. / Max.		LBS / KG	
QHP-10-1.3	0.55	1.3	0.07	3625	250	500	5000	4.0	1.81
QHP-10-1.6	0.76	1.6	0.097	3625	250	500	5000	4.3	1.95
QHP-10-2.0	0.94	2.0	0.12	3625	250	500	5000	4.2	1.90
QHP-10-2.7	1.25	2.7	0.16	3625	250	500	5000	4.5	2.04
QHP-10-3.4	1.56	3.4	0.20	3625	250	500	5000	4.5	2.04
QHP-10-4.1	1.95	4.1	0.25	3625	250	500	4000	4.8	2.17
QHP-10-5.1	2.73	5.1	0.31	3625	250	500	4000	5.0	2.27
QHP-10-6.1	2.88	6.1	0.37	3625	250	500	4000	5.0	2.27
QHP-10-8.0	3.82	8.0	0.49	3625	250	500	4000	5.2	2.36

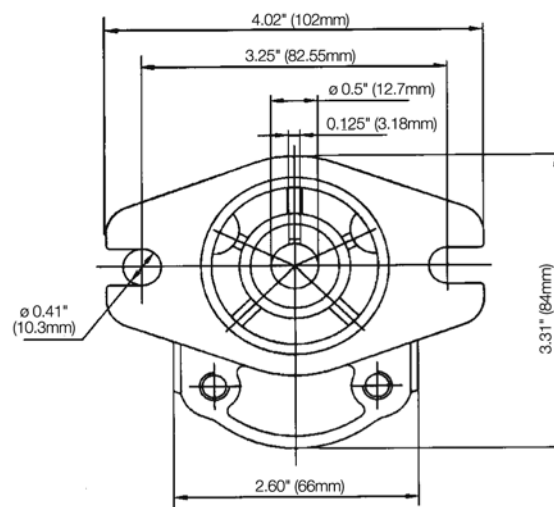
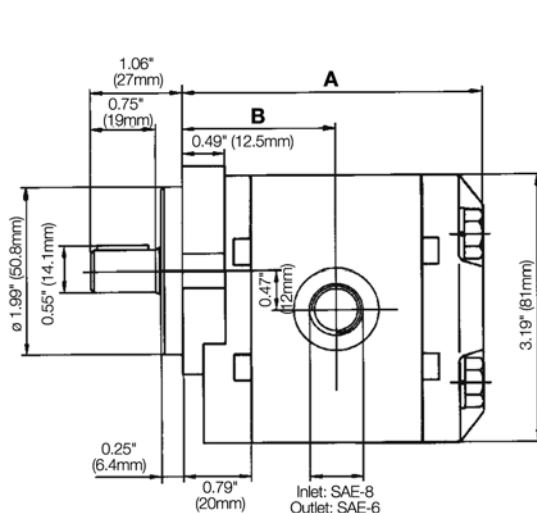


QHP-10 SERIES



PUMPS POMPES

DIMENSIONS



POMPE / PUMP	A		B	
	mm	inch	mm	inch
QHP-10-1.3	82	3.23	42	1.65
QHP-10-1.6	83	3.27	43	1.69
QHP-10-2.0	84	3.31	43	1.69
QHP-10-2.7	86	3.39	44	1.73
QHP-10-3.4	88	3.46	45	1.77

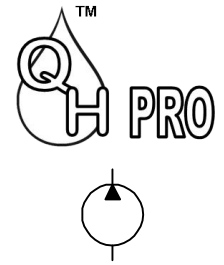
POMPE / PUMP	A		B	
	mm	inch	mm	inch
QHP-10-4.1	90	3.54	46	1.81
QHP-10-5.1	93	3.66	47.5	1.87
QHP-10-6.1	96	3.78	49	1.93
QHP-10-8.0	107	4.28	58	2.29

CODE

QHP	10	1.1	P2	R
Gear Pump	High Pressure Series	Displacement cm3/rev	Drive Shaft	Rotation Direction
		See Table	P2 1/2" dia. Straight	R Clockwise
				L Counter Clockwise

Viewed from drive shaft end

Contactez Nous pour pompes multiples et autres options.
Contact Us for multiple pump and other options

**QHP-20 SERIES****PUMPS POMPES****DESCRIPTION**

QHP-20 est une pompe à engrenages hydraulique haute pression avec embouts en fonte et un boîtier en aluminium. La bride de montage standard est **SAE A-2 bolt, pilot 3.25"**. Les ports standards sont l'entrée **ORB-12** et la sortie **ORB-10**. Ports arrière en option disponibles. L'arbre d'entraînement standard est un arbre droit de 5/8 po avec une clé de 5/32 po. Les arbres optionnels comprennent a cannelures SAE 9 dents et un arbre droit de 3/4 po avec une clé de 3/16 po.

QHP-20 is a high pressure hydraulic gear pump with cast iron end caps and an aluminum housing.

Standard mounting flange is **SAE A-2 bolt, 3.25" pilot**.

Standard ports are **ORB-12** inlet and **ORB-10** outlet. Optional rear ports available. Standard drive shaft is 5/8" straight shaft with 5/32" key. Optional shafts include an SAE 9 tooth spline and a 3/4" straight shaft with a 3/16" key.

**MONTAGE / MOUNT:**

SAE A 2 BOLT PILOT 3.25"

ARBRES / SHAFTS:

5/8" KEY 5/32"

5/8" SPLINE 9T

3/4" KEY 3/16"

SPECIFICATIONS

FILTRATION: 10 micron

VISCOSITÉ HUILE / OIL VISCOSITY: 6 - 200 cSt

PRESSION ENTRÉE / INLET PRESSURE: 12 - 32 psi absolute

TEMPERATURE: HUILE / OIL: -25°C to 80°C / -12°F to 175°F

AMBIANT: -22°C to 55°C / -8°F to 130°F

PORTS:

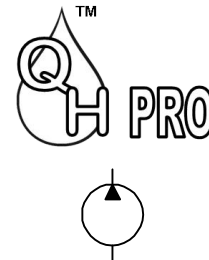
Entrée / Inlet: SAE ORB -12 (1-1/16"-12 UNF)

Sortie / Outlet: SAE ORB -10 (7/8"-14 UNF)

DÉBIT / FLOW GPM = (in3/rev) X (RPM) / 231

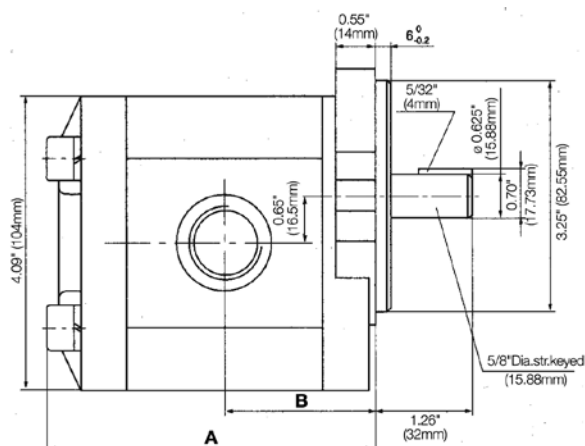
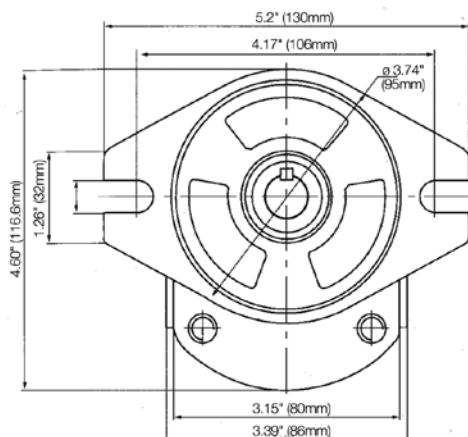
EFFICACITÉ / EFFICIENCY % >93

POMPE / PUMP	GPM@	DÉBIT / FLOW		PRESSION / PRESSURE		RPM		POIDS / WEIGHT	
	1800 RPM	cm3/REV / in3/REV		psi / bar		Min. / Max.		LBS / KG	
QHP-20-4.5	2.14	4.5	0.275	3650	250	500	3600	7.8	3.54
QHP-20-6.0	2.80	6.0	0.36	3650	250	500	3600	8.35	3.80
QHP-20-7.0	3.35	7.0	0.43	3650	250	500	3600	8.28	3.75
QHP-20-8.0	3.74	8.0	0.48	3650	250	500	3600	8.61	3.90
QHP-20-10	4.75	10	0.61	3650	250	500	3600	8.72	3.95
QHP-20-11	5.22	11	0.67	3650	250	500	3600	8.83	4.00
QHP-20-12	5.69	12	0.73	3650	250	500	3600	8.91	4.04
QHP-20-14	6.62	14	0.85	3650	250	500	3600	9.00	4.08
QHP-20-16	7.56	16	0.97	2900	200	500	3000	9.27	4.20
QHP-20-20	9.51	20	1.22	2900	200	500	3000	9.73	4.41
QHP-20-22	10.44	22	1.34	2900	200	500	3000	9.90	4.49
QHP-20-25	11.84	25	1.52	2900	200	500	3000	10.19	4.62



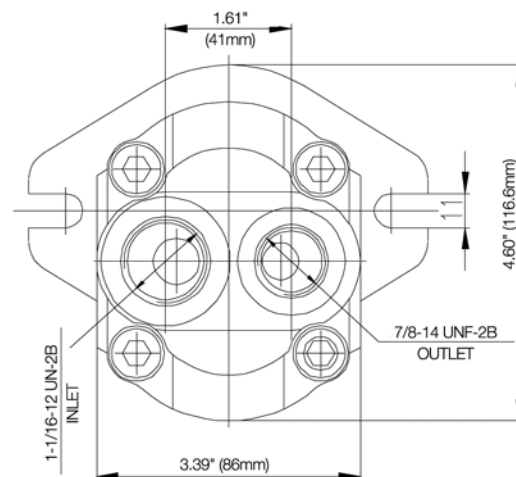
QHP-20 SERIES

DIMENSIONS



POMPE / PUMP

	A		B	
	mm	inch	mm	inch
QHP-20-4.5	96	3.78	44	1.73
QHP-20-6.0	98	3.87	45	1.77
QHP-20-7.0	99.5	3.91	45.75	1.80
QHP-20-8.0	102	4.02	47	1.85
QHP-20-10	104	4.12	48	1.89
QHP-20-11	106	4.17	49	1.93
QHP-20-12	108	4.25	50	1.97
QHP-20-14	110	4.35	51	2.0
QHP-20-16	114	4.50	53	2.09
QHP-20-20	120	4.75	56	2.20
QHP-20-22	123	4.92	57.5	2.26
QHP-20-25	128	5.05	60	2.36

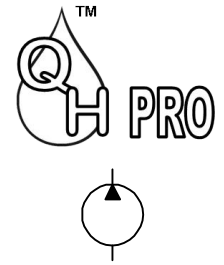


* Special order
For P1 diagram see page 13

CODE

QHP	20	16	P	L	R
Gear Pump	High Pressure Series	Displacement cm3/rev	Drive Shaft	Rotation Direction	Port Location
		See Table	P 5/8" Dia. Straight	R Clockwise	Blank Side
			P1 3/4" Dia. Straight	L Counter Clockwise	R* Rear
			S9 Spline 9 tooth	Viewed from drive shaft end	*Special order

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Contact Us for multiple pump and other options

**QHP-20A SERIES****DESCRIPTION**

QHP-20A est une pompe à engrenages haute pression avec embouts en fonte et un boîtier en aluminium.

La bride de montage standard est **SAE A-2 bolt, pilot 3,25"**.

Les ports standard sont l'entrée **ORB-16** et la sortie **ORB-12**.

L'arbre d'entraînement standard est un arbre droit de 5/8" avec clavette 5/32. Les options disponibles incluent un arbre droit de 3/4" avec Clé 3/16" et a cannelures SAE 9 dents.

QHP-20A is high pressure gear pump with cast iron end caps and an aluminum housing.

Standard mounting flange is **SAE A-2 bolt, 3.25" pilot**.

Standard ports are **ORB-16** inlet and **ORB-12** outlet.

Standard drive shaft is 5/8" straight shaft with 5/32 key.

Available options include 3/4" straight shaft with 3/16" key and SAE 9 tooth spline.

**MONTAGE / MOUNT:**

SAE A 2 BOLTS PILOT 3.25" **ARBRES /**

SHAFTS:

5/8" KEY 5/32"

5/8" SPLINE 9T

3/4" KEY 3/16"

SPECIFICATIONS

FILTRATION: 10 micron

VISCOSITÉ HUILE / OIL VISCOSITY: 6 - 200 cSt

PRESSION ENTRÉE / INLET PRESSURE: 12 - 32 psi absolute

TEMPERATURE: HUILE / OIL: -25°C to 80°C / -12°F to 175°F

AMBIANT: -22°C to 55°C / -8°F to 130°F

PORTS:

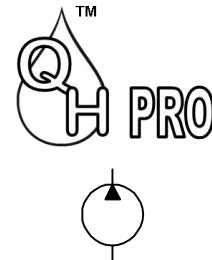
Entrée / Inlet: SAE ORB -16 (1-5/16"-12 UNF)

Sortie / Outlet: SAE ORB -12 (1-1/16"-12 UNF)

DÉBIT / FLOW GPM = (in3/rev) X (RPM) / 231

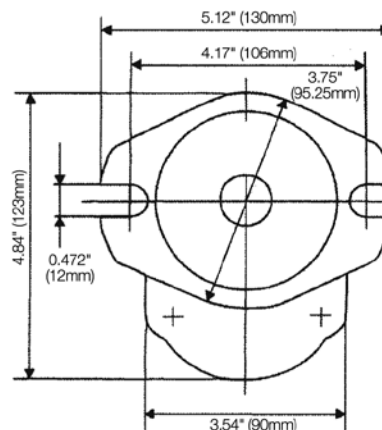
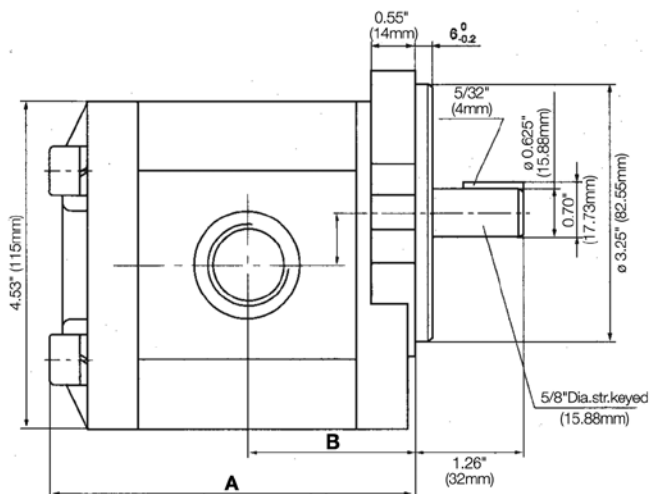
EFFICACITÉ / EFFICIENCY % >93

POMPE / PUMP	GPM@	DÉBIT / FLOW		PRESSION / PRESSURE		RPM		POIDS / WEIGHT	
	1800 RPM	cm3/REV / in3/REV		psi / bar		Min. / Max.		LBS / KG	
QHP-20A-25	11.84	25	1.52	3650	250	500	3000	11.36	5.15
QHP-20A-27	12.55	27	1.61	3650	250	500	3000	11.58	5.25
QHP-20A-30	14.26	30	1.83	3650	250	500	3000	11.8	5.35
QHP-20A-32	15.19	32	1.95	3650	250	500	3000	12.02	5.45
QHP-20A-40	19.01	40	2.44	3650	250	500	3000	12.46	5.65



QHP-20A SERIES

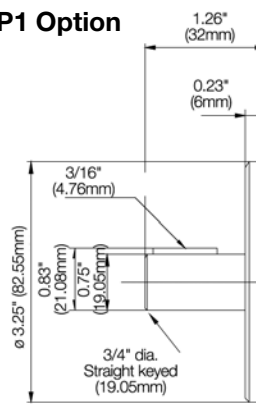
DIMENSIONS



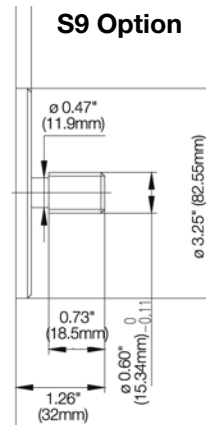
POMPE / PUMP

	A		B	
	mm	inch	mm	inch
QHP-20A-25	130	5.12	62	2.44
QHP-20A-27	132	5.20	63	2.48
QHP-20A-30	137	5.39	65	2.56
QHP-20A-32	139	5.47	66	2.60
QHP-20A-40	148	5.83	70	2.76

P1 Option



S9 Option



CODE

QHP

Gear Pump

20A

High Pressure Series

16

Displacement
cm³/rev

See Table

P

Drive Shaft

P

5/8" Dia.
Straight

P1

3/4" Dia.
Straight

S9

Spline
9 tooth

R

Rotation
Direction

R

Clockwise

L

Counter
Clockwise

Contactez Nous pour pompes multiples et autres options.
Contact Us for multiple pump and other options

Viewed from drive shaft end

**QHP-20Q SERIES****PUMPS POMPES****DESCRIPTION**

QHPQ-20 est une pompe à engrenages hydraulique haute pression avec embouts en fonte, boîtier en aluminium et un ensemble d'engrenages à 14 dents pour un **fonctionnement silencieux**.

La bride de montage standard est **SAE A-2 bolt, pilot 3,25"**.
Les ports standard sont l'entrée ORB-12 et la sortie ORB-10.
Ports arrière en option disponibles.

L'arbre d'entraînement standard est un arbre droit de 5/8" avec une clé de 5/32". Les arbres optionnels comprennent une cannelure SAE 9 et un arbre droit de 3/4" avec une clé de 3/16".

QHPQ-20 is a high pressure hydraulic gear pump with cast iron end caps, aluminum housing and a 14 tooth gear set for **quiet operation**.

Standard mounting flange is **SAE A-2 bolt, 3.25" pilot**.
Standard ports are **ORB-12** inlet and **ORB-10** outlet.
Optional rear ports available.

Standard drive shaft is 5/8" straight shaft with 5/32" key.
Optional shafts include an SAE 9 tooth spline and a 3/4" straight shaft with a 3/16" key.

SPECIFICATIONS

FILTRATION: 10 micron

VISCOSITÉ HUILE / OIL VISCOSITY: 6 - 200 cSt

PRESSION ENTRÉE / INLET PRESSURE: 12 - 32 psi absolute

TEMPERATURE: HUILE / OIL: -25°C to 80°C / -12°F to 175°F

AMBIANT: -22°C to 55°C / -8°F to 130°F

Silencieuse / Quiet**MONTAGE / MOUNT:**

SAE A 2 BOLTS PILOT 3.25"

ARBRES / SHAFTS:

5/8" KEY 5/32"

5/8" SPLINE 9T

3/4" KEY 3/16"

PORTS:

Entrée / Inlet: SAE ORB -12(1-1/16"-12 UNF)

Sortie / Outlet: SAE ORB -10 (7/8"-14 UNF)

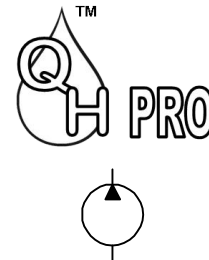
DÉBIT / FLOW GPM = (in³/rev) X (RPM) / 231
EFFICACITÉ / EFFICIENCY % >93

POMPE / PUMP	GPM@	DÉBIT / FLOW		PRESSION / PRESSURE		RPM		POIDS / WEIGHT	
	1800 RPM	cm3/REV / in3/REV		psi / bar		Min. / Max.		LBS / KG	
QHPQ-20-4.5	2.14	4.5	0.275	3650	250	500	3600	7.8	3.54
QHPQ-20-6.0	2.80	6.0	0.36	3650	250	500	3600	8.35	3.80
QHPQ-20-7.0	3.35	7.0	0.43	3650	250	500	3600	8.28	3.75
QHPQ-20-8.0	3.74	8.0	0.48	3650	250	500	3600	8.61	3.90
QHPQ-20-10	4.75	10	0.61	3650	250	500	3600	8.72	3.95
QHPQ-20-11	5.22	11	0.67	3650	250	500	3600	8.83	4.00
QHPQ-20-12	5.69	12	0.73	3650	250	500	3600	8.91	4.04
QHPQ-20-14	6.62	14	0.85	3650	250	500	3600	9.00	4.08
QHPQ-20-16	7.56	16	0.97	2900	200	500	3000	9.27	4.20
QHPQ-20-20	9.51	20	1.22	2900	200	500	3000	9.73	4.41
QHPQ-20-22	10.44	22	1.34	2900	200	500	3000	9.90	4.49
QHPQ-20-25	11.84	25	1.52	2900	200	500	3000	10.19	4.62

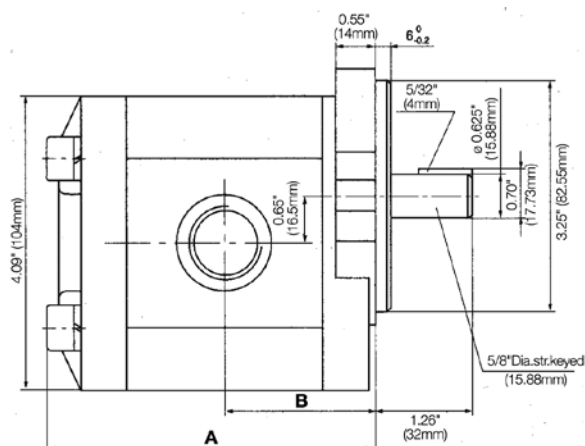
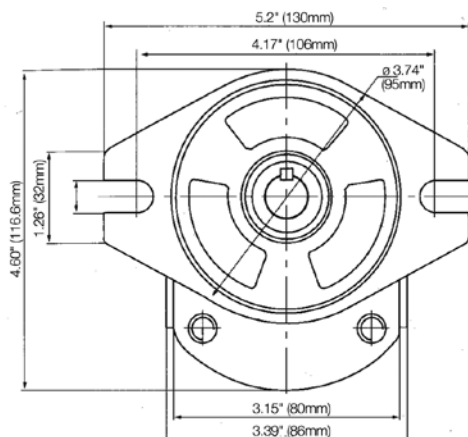


POMPES ENGRENAGES / GEAR PUMPS ALUMI+

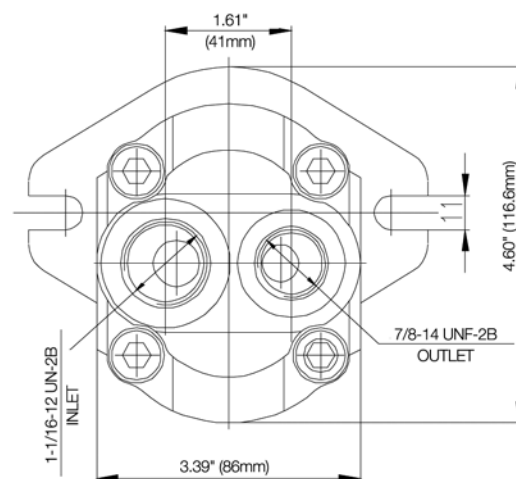
QHP-20Q SERIES



DIMENSIONS



POMPE / PUMP	A		B	
	mm	inch	mm	inch
QHPQ-20-4.5	96	3.78	44	1.73
QHPQ-20-6.0	98	3.87	45	1.77
QHPQ-20-7.0	99.5	3.91	45.75	1.80
QHPQ-20-8.0	102	4.02	47	1.85
QHPQ-20-10	104	4.12	48	1.89
QHPQ-20-11	106	4.17	49	1.93
QHPQ-20-12	108	4.25	50	1.97
QHPQ-20-14	110	4.35	51	2.0
QHPQ-20-16	114	4.50	53	2.09
QHPQ-20-20	120	4.75	56	2.20
QHPQ-20-22	123	4.92	57.5	2.26
QHPQ-20-25	128	5.05	60	2.36

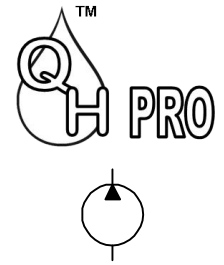


* Special order
For P1 diagram see page 13

CODE

QHPQ	20	16	P	R	R
Gear Pump	High Pressure Series	Displacement cm3/rev	Drive Shaft	Rotation Direction	Port Location
		See Table	P 5/8" Dia. Straight	R Clockwise	Blank Side
			P1 3/4" Dia. Straight	L Counter Clockwise	R* Rear
			S9 Spline 9 tooth	Viewed from drive shaft end	*Special order

Contactez Nous pour pompes multiples et autres options.
Contact Us for multiple pump and other options

**QHP-29 SERIES****DESCRIPTION**

QHP-29 est une pompe à engrenages haute pression avec embouts en fonte et un boîtier en aluminium.

La bride de montage standard est **SAE B-2 bolt, pilot 4.00"**.

Les ports standard sont l'entrée **ORB-12** et la sortie **ORB-10**.

Les options d'arbre d'entraînement comprennent a cannelures SAE 13 dents ou Arbre droit 7/8 "avec clé 1/4".

QHP-29 is high pressure gear pump with cast iron end caps and an aluminum housing.

Standard mounting flange is **SAE B-2 bolt, 4.00" pilot**.

Standard ports are **ORB-12** inlet and **ORB-10** outlet.

Drive shaft options include 13 tooth spline or 7/8" straight shaft with 1/4" key.

**MONTAGE / MOUNT:**

SAE B 2 BOLTS PILOT 4.00"

ARBRES / SHAFTS:

7/8" KEY 1/4"

7/8" SPLINE 13T

SPECIFICATIONS

FILTRATION: 10 micron

VISCOSITÉ HUILE / OIL VISCOSITY: 6 - 200 cSt

PRESSION ENTRÉE / INLET PRESSURE: 12 - 32 psi absolute

TEMPERATURE: HUILE / OIL: -25°C to 80°C / -12°F to 175°F

AMBIANT: -22°C to 55°C / -8°F to 130°F

PORTS:

Entrée / Inlet: SAE ORB -12(1-1/16"-12 UNF)

Sortie / Outlet: SAE ORB -10 (7/8"-14 UNF)

DÉBIT / FLOW GPM = (in3/rev) X (RPM) / 231

EFFICACITÉ / EFFICIENCY % >93

POMPE / PUMP	GPM@	DÉBIT / FLOW		PRESSION / PRESSURE		RPM		POIDS / WEIGHT	
	1800 RPM	cm3/REV / in3/REV		psi / bar		Min. / Max.		LBS / KG	
QHP-29-10	4.75	10	0.61	3650	250	700	4000	13.8	6.27
QHP-29-12	5.69	12	0.73	3650	250	700	3500	14.2	6.45
QHP-29-14	6.62	14	0.85	3650	250	600	3500	14.6	6.63
QHP-29-16	7.56	16	0.98	3650	250	600	3500	15	6.81
QHP-29-19	9.04	19	1.16	3650	250	500	3000	15.4	7.0
QHP-29-22	10.44	22	1.34	3650	250	500	3000	15.8	7.18
QHP-29-25	11.84	25	1.53	3650	250	500	3000	16.2	7.36
QHP-29-28	13.32	28	1.71	3650	250	500	3000	16.6	7.54
QHP-29-30	14.26	30	1.83	3350	230	500	3000	16.8	7.63
QHP-29-32	15.19	32	1.95	3350	230	400	3000	17	7.72
QHP-29-36	17.14	36	2.20	2900	200	400	2750	17.4	7.90
QHP-29-40	19.01	40	2.44	2900	200	400	2750	18	8.18
QHP-29-43	20.42	43	2.62	2475	170	400	2500	18.5	8.4
QHP-29-45	21.38	45	2.75	2475	170	400	2500	19	8.63

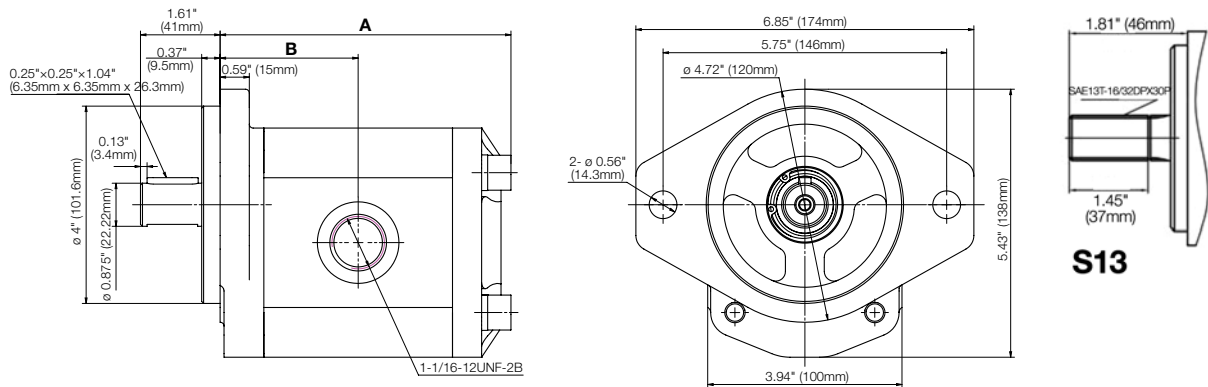


POMPES ENGRENAGES / GEAR PUMPS ALUMI+

QHP-29 SERIES



DIMENSIONS



POMPE / PUMP	A		B		POMPE / PUMP	A		B	
	mm	/ inch	mm	/ inch		mm	/ inch	mm	/ inch
QHP-29-10	111.5	4.39	51.8	2.04	QHP-29-28	131	5.16	61.5	2.42
QHP-29-12	113.5	4.47	52.8	2.09	QHP-29-30	133	5.27	62.5	2.46
QHP-29-14	116	4.57	54	2.13	QHP-29-32	135	5.31	63.5	2.50
QHP-29-16	118	4.65	56	2.20	QHP-29-36	139	5.47	65.5	2.58
QHP-29-19	121	4.76	56.5	2.22	QHP-29-40	143.5	5.65	67.8	2.67
QHP-29-22	124.5	4.90	58.3	2.30	QHP-29-43	147.5	5.81	69.8	2.75
QHP-29-25	127.5	5.02	59.8	2.35	QHP-29-45	150	5.91	71	2.80

CODE

QHP	29	16	P4		R	
Gear Pump	High Pressure Series	Displacement cm3/rev	Drive Shaft		Rotation Direction	
		See Table	P4	7/8" Dia. Straight	R	Clockwise
			S13	Spline 13 tooth	L	Counter Clockwise

Viewed from drive shaft end

Contactez Nous pour pompes multiples et autres options.
Contact Us for multiple pump and other options

**QHP-30 SERIES****PUMPS POMPES****DESCRIPTION**

QHP-30 est une pompe à engrenages haute pression avec embouts en fonte et un boîtier en aluminium.

La bride de montage standard est **SAE B-2 bolt, pilot 4.00"**.

Les ports standard sont l'entrée **ORB-16** et la sortie **ORB-12** pour 22-43 cc et **ORB-20** et sortie **ORB-16** pour 51-89 cc.

Les options d'arbre d'entraînement comprennent une cannelure de 7/8" à 13 dents et un arbre droit de 7/8" avec une clé de 1/4" .

QHP-30 is high pressure gear pump with cast iron end caps and an aluminum housing.

Standard mounting flange is **SAE B-2 bolt, 4.00" pilot**.

Standard ports are **ORB-16** inlet and **ORB-12** outlet for 22-43 cc and **ORB-20** inlet and **ORB-16** outlet for 51-89 cc.

Drive shaft options include 7/8" 13 tooth spline and 7/8" straight shaft with 1/4" key.

**MONTAGE / MOUNT:**

SAE B 2 BOLTS PILOT 4.00"

ARBRES / SHAFTS:

7/8" KEY 1/4"

7/8" SPLINE 13T

PORTS:**22-43 cc**

Entrée / Inlet: SAE ORB -16(1-5/16"-12UNF)

Sortie / Outlet: SAE ORB -12(1-1/16"-12 UNF)

51-89 cc

Entrée / Inlet: SAE ORB -20(1-5/8"-12UNF)

Sortie / Outlet: SAE ORB -16(1-5/16"-12 UNF)

SPECIFICATIONS

FILTRATION: 10 micron

VISCOSITÉ HUILE / OIL VISCOSITY: 6 - 200 cSt

PRESSION ENTRÉE / INLET PRESSURE: 12 - 32 psi absolute

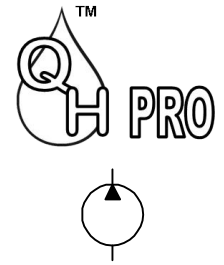
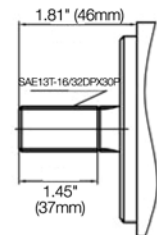
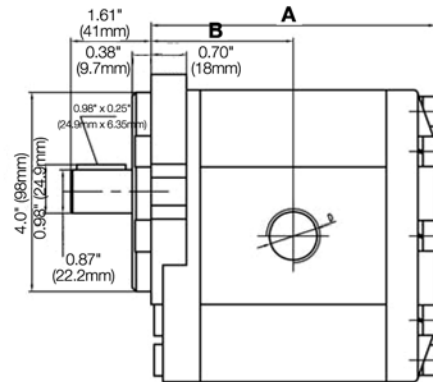
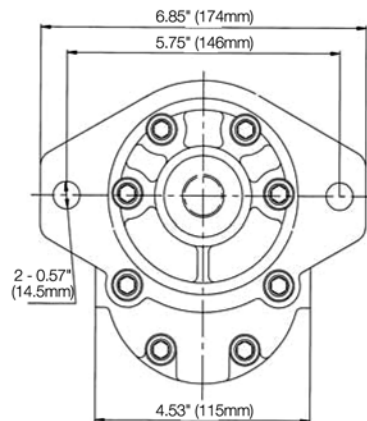
TEMPERATURE: HUILE / OIL: -25°C to 80°C / -12°F to 175°F

AMBIANT: -22°C to 55°C / -8°F to 130°F

DÉBIT / FLOW GPM = (in3/rev) X (RPM) / 231

EFFICACITÉ / EFFICIENCY % >93

POMPE / PUMP	GPM@	DÉBIT / FLOW		PRESSION / PRESSURE		RPM		POIDS / WEIGHT	
	1800 RPM	cm3/REV	in3/REV	psi	/ bar	Min.	/ Max.	LBS	/ KG
QHP-30-22	10.44	22	1.34	3650	250	400	3000	19.1	8.68
QHP-30-26	12.38	26	1.59	3650	250	400	3000	19.35	8.8
QHP-30-34	16.42	34	2.07	3650	250	400	3000	20.05	9.11
QHP-30-39	18.55	39	2.38	3650	250	400	3000	20.22	9.19
QHP-30-43	20.42	43	2.62	3650	250	400	2800	20.65	9.39
QHP-30-51	24.23	51	3.11	3650	250	400	2400	21.60	9.82
QHP-30-60	28.52	60	3.66	2900	200	400	2800	22.35	10.16
QHP-30-70	33.27	70	4.27	2900	200	400	2500	22.79	10.36
QHP-30-78	37.09	78	4.76	2900	200	400	2300	23.47	10.67
QHP-30-89	42.31	89	5.43	2600	200	400	2000	24.18	11

**QHP-30 SERIES****DIMENSIONS****S13**

POMPE / PUMP	A		B		PORTS ORB	
	mm	/ inch	mm	/ inch	IN	OUT
QHP-30-22	131	5.16	66	2.60	-16	-12
QHP-30-26	134	5.27	67	2.63	-16	-12
QHP-30-34	139	5.47	69	2.71	-16	-12
QHP-30-39	143	5.62	71	2.79	-16	-12
QHP-30-43	147	5.78	73	2.87	-16	-12
QHP-30-51	152	5.98	76	2.99	-20	-16
QHP-30-60	158	6.22	79	3.11	-20	-16
QHP-30-70	166	6.53	82	3.22	-20	-16
QHP-30-78	171	6.73	85	3.34	-20	-16
QHP-30-89	176	6.93	88	3.46	-20	-16

CODE

QHP	30	34	P4	R
Gear Pump	High Pressure Series	Displacement cm3/rev	Drive Shaft	Rotation Direction
		See Table	P4	R Clockwise
			S13	L Counter Clockwise

Contactez Nous pour pompes multiples et autres options.
Contact Us for multiple pump and other options

Viewed from drive shaft end



POMPES ENGRENAGES / GEAR PUMPS HI-LO

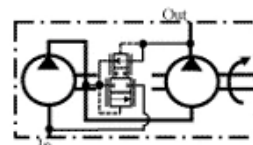


QHP-HL SERIES

DESCRIPTION

QHP-HL est une pompe hydraulique à engrenages en fonte **HI/LO** avec une pression maximale de 900 psi pour la pompe basse pression et **3000 psi** pour la pompe haute pression. Le passage de la pression LO à la pression HI est automatique avec la pression latérale LO préréglée à partir de 400 psi à 900 psi. La section HI/LO de la pompe et les plaques d'extrémité sont en fonte. Les applications de la pompe HI/LO sont les fendeuses de bûches, les presses, etc. où un mouvement rapide du cylindre à basse pression est requis avant de passer automatiquement en mode haute pression pour répondre aux exigences de charge.

QHP-HL is a **HI/LO** cast iron Hydraulic Gear Pump with a max pressure of 900 psi for the low pressure pump and **3000 psi** for the high pressure pump. The change from LO to HI pressure is automatic with the LO side pressure pre set from 400 psi to 900 psi. The HI/LO section of the pump and the end plates are cast iron. Applications for the HI/LO pump are log splitters, presses etc. where rapid movement of the cylinder at low pressure is required prior to automatically switching to the high pressure mode to meet load requirements.



SPECIFICATIONS

FILTRATION: 10 micron

VISCOSITÉ HUILE / OIL VISCOSITY: 6 - 200 cSt

PRESSION ENTRÉE / INLET PRESSURE: 12 - 32 psi absolute

TEMPERATURE: HUILE / OIL: -25°C to 80°C / -12°F to 175°F

AMBIANT: -22°C to 55°C / -8°F to 130°F

MONTAGE / MOUNT:

4 BOLTS PILOT 1.78"

ARBRES / SHAFTS:

1/2" KEY 404 WOODRUFF

1/2" KEY 1/8"

PORTS:

Entrée / Inlet: NPT 3/4 -12

Entrée / Inlet: BARB 1"

Sortie / Outlet: NPT 1/2 -8

DÉBIT / FLOW GPM = (in3/rev) X (RPM) / 231

POMPE / PUMP	HP	DÉBIT / FLOW		PRESSION / PRESSURE		in3 / REV		RPM Max.
		3600 RPM		LO psi / HI psi		LO	HI	
QHP-HL-8	5	8		400/900	3000	0.385	0.13	3600
QHP-HL-11	6	11		400/900	3000	0.537	0.220	3600
QHP-HL-13	7	13		400/900	3000	0.665	0.220	3600
QHP-HL-16	8	16		400/900	3000	0.793	0.265	3600

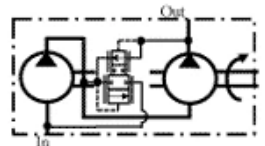
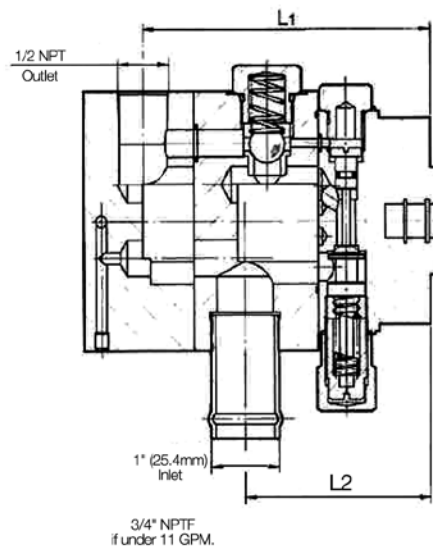
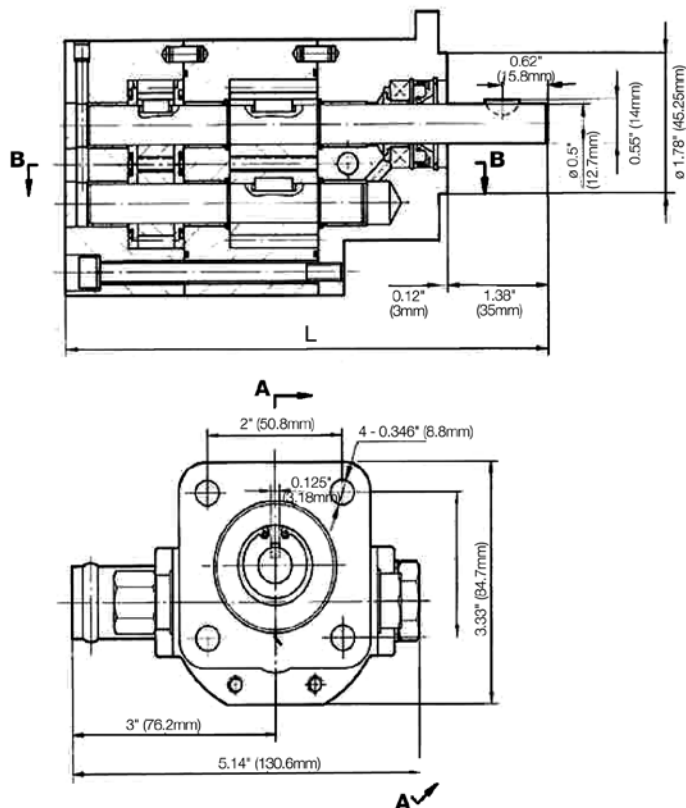


POMPES ENGRENAGES / GEAR PUMPS HI-LO



QHP-HL SERIES

DIMENSIONS



POMPE / PUMP	L		L1		L2		POMPE / PUMP	L		L1		L2	
	mm / inch		mm / inch		mm / inch			mm / inch		mm / inch		mm / inch	
QHP-HL-8	154	6.07	9.5	3.74	6	2.41	QHP-HL-13	175	6.90	12	4.53	8	3.04
QHP-HL-11	168	6.61	11	4.24	7	2.74	QHP-HL-16	180	7.09	12	4.53	8	3.04

CODE

QHP		HL		11		P		R	
Gear Pump		HI/LO Series		Nominal Flow GPM at 3600 rpm		Drive Shaft		Rotation Direction	
				See Table		P		R	
								L	
								Clockwise	
								Counter Clockwise *Special Order	



QHP-HFL SERIES

DESCRIPTION

QHP-HFL est une pompe à engrenages **HI/LO** qui offre les mêmes fonctionnalités que la série **QHP-HL** mais avec des débits jusqu'à **28 GPM à 3600 RPM**. Il a une pression maximale de 900 psi sur la pompe basse pression et **3000 psi** pour la pompe haute pression. La bride de montage standard est **SAE-A 2 bolt pilot 3.25"**.

QHP-HFL is a **HI/LO** gear pump that offer the same functionality as the **QHP-HL** series but with flows up to **28 GPM at 3600 RPM**. It has a max pressure of 900 psi on the low pressure pump and **3000 psi** for the high pressure pump. The standard mounting flange is a **SAE-A 2 bolt 3.25" pilot**.

SPECIFICATIONS

FILTRATION: 10 micron

VISCOSITÉ HUILE / OIL VISCOSITY: 6 - 200 cSt

PRESSION ENTRÉE / INLET PRESSURE: 12 - 32 psi absolute

TEMPERATURE: HUILE / OIL: -25°C to 80°C / -12°F to 175°F

AMBIANT: -22°C to 55°C / -8°F to 130°F

MONTAGE / MOUNT

SAE A 2 BOLTS PILOT 3.25"

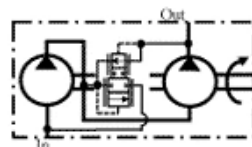
ARBRES / SHAFTS:

5/8" KEY x 1-1/2"

PORTS:

Entrée / Inlet: NPT 1" -16

Sortie / Outlet: NPT 3/4 -12

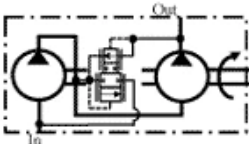


POMPE / PUMP	HP	DÉBIT / FLOW 3600 RPM	PRESSION / PRESSURE		in3 / REV		RPM Max.	POIDS WEIGHT LBS
			LO psi	HI psi	LO	HI		
QHP-HFL-22	12	22	400/900	3000	0.93	0.465	3600	20
QHP-HFL-28	16	28	400/900	3000	1.395	0.465	3600	21

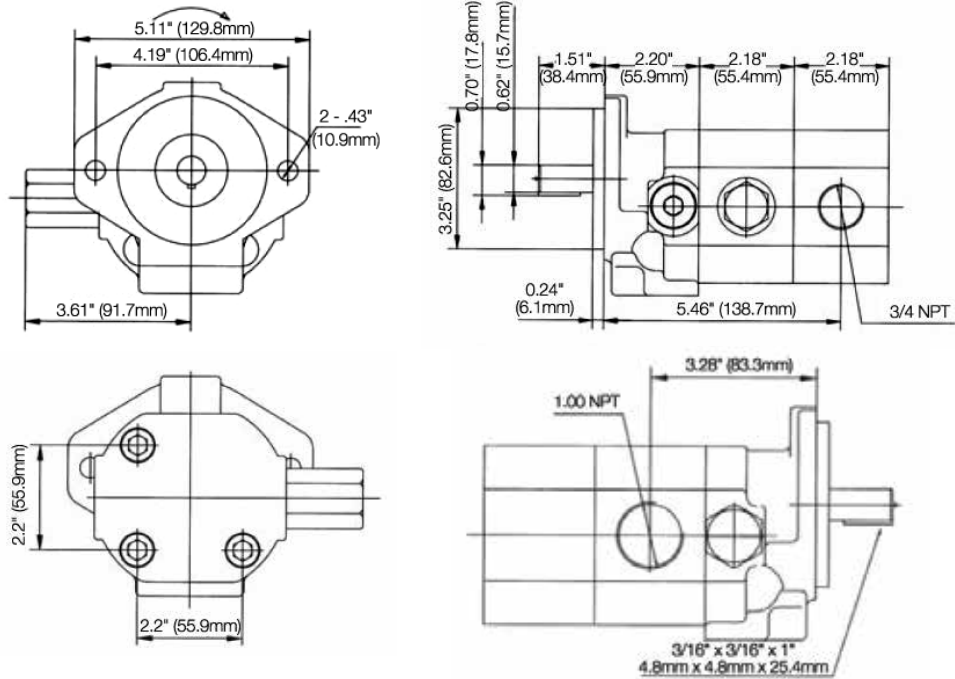


POMPES ENGRENAGES / GEAR PUMPS **HI-LO**

QHP-HFL SERIES

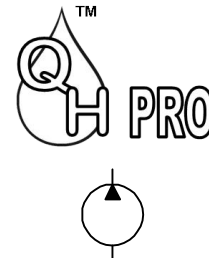


DIMENSIONS



CODE

QHP	HFL	28	P	R
Gear Pump	HI/LO Series	Nominal Flow GPM at 3600 rpm	Drive Shaft	Rotation Direction Viewed from drive shaft end
		See Table	P 5/8" Dia. Straight	R Clockwise L* Counter Clockwise *Special Order

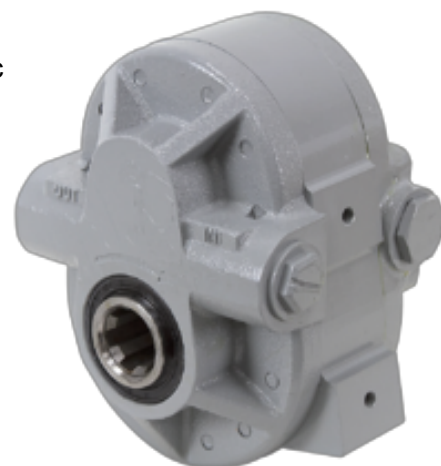
**QHP-PTO SERIES****DESCRIPTION**

QHP-PTO est une pompe à engrenages **entraînée par prise de force** construite avec des plaques d'extrémité en fonte et est disponible avec une section d'engrenage en aluminium ou en fonte.

Les ports standard sont l'entrée **ORB-16** et la sortie **ORB-12**.

QHP-PTO is a **PTO-driven** gear pump constructed with cast iron end plates and is available with aluminum or cast iron gear section.

Standard ports are **ORB-16** inlet and **ORB-12** outlet.

**SPECIFICATIONS**

FILTRATION: 10 micron

VISCOSITÉ HUILE / OIL VISCOSITY: 6 - 200 cSt

PRESSION ENTRÉE / INLET PRESSURE: 12 - 32 psi absolute

TEMPERATURE: HUILE / OIL: -25°C to 80°C / -12°F to 175°F

AMBIANT: -22°C to 55°C / -8°F to 130°F

MONTAGE / MOUNT

P.T.O. 1-3/8" 6T FEM.

PORTS:

Entrée / Inlet: ORB -16 (1-5/16-12 UNF)

Sortie / Outlet: ORB -12 (1-1/16-12 UNF)

MODEL	DÉBIT / FLOW		PRESION / PRESSURE		RPM	POIDS WEIGHT	
	cm3/rev	cu.in/rev	PSI	Bar		Lbs.	Kg
QHP-PTO-9	160	9.76	2500	172.5	540	40	18
QHP-PTO-7	125	7.62	2500	172.5	540	38	17
QHP-PTO-5	90	5.50	2500	172.5	540	36	16
QHP-PTO-5-21	90	5.50	2500	172.5	1000	36	16
QHP-PTO-3	56	3.41	2500	172.5	540	33	15
QHP-PTO-3-21	56	3.41	2500	172.5	1000	33	15

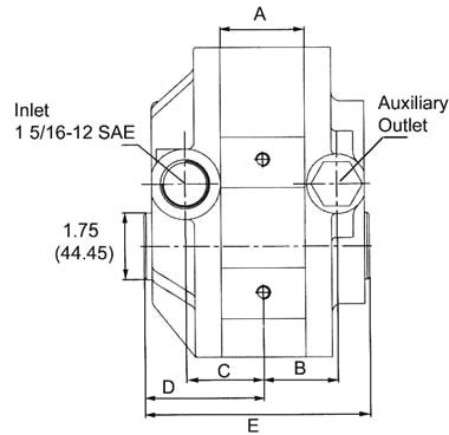
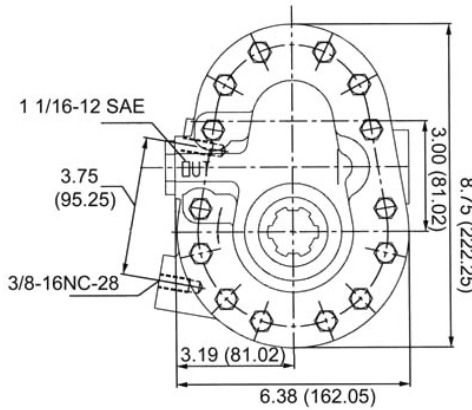


POMPES ENGRENAGES / GEAR PUMPS P.T.O.



QHP-PTO SERIES

DIMENSIONS



Model	A		B		C		D		E	
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
QHP-PTO-9	60.3	2.37	53.1	2.09	55.6	2.19	85.1	3.35	161.3	6.35
QHP-PTO-7	50.9	2.00	48.5	1.91	50.8	2.00	80.3	3.16	151.6	5.97
QHP-PTO-5	41.25	1.62	43.7	1.72	46.0	1.81	75.4	2.97	142.2	5.60
QHP-PTO-3	32.1	1.26	39.1	1.54	41.4	1.63	70.6	2.78	132.8	5.23

PERFORMANCE

Model	RPM	500 PSI		1000 PSI		1500 PSI		2000 PSI	
		Input HP	GPM Output	Input HP	GPM Output	Input HP	GPM Output	Input HP	GPM Output
QHP-PTO-9	540	8.40	21.10	16.10	20.70	23.80	20.70	32.10	20.70
QHP-PTO-7	540	7.10	16.80	13.60	16.61	20.40	16.50	27.40	16.61
QHP-PTO-5	540	4.90	11.77	9.30	11.50	13.80	11.19	18.10	11.00
QHP-PTO-5-21	1000	9.30	22.58	17.40	22.20	25.90	21.81	34.30	21.62
QHP-PTO-3	540	2.90	7.18	5.90	6.80	8.80	6.80	11.90	6.80
QHP-PTO-3-21	1000	5.50	13.61	11.00	13.04	16.50	13.22	22.60	13.22

CODE

QHP-PTO

A

9

6

S

Series	
PTO	PTO Driven

Center Section	
A	Aluminum
B	Cast Iron*

* Special order

Displacement	
9	9.76 cu.in/rev
7	7.72 cu.in/rev
5	5.50 cu.in/rev
3	3.41 cu.in/rev

Drive Required	
6	6 tooth spline
21	21 tooth spline*

* Special order

Port Location	
S	Side Port