

# 150HP MX series



Dettagli pompa  
Pump details

| COSTRUZIONE / CONSTRUCTION |                   |
|----------------------------|-------------------|
| POWER FRAME                | 73                |
| CONFIGURATION              | TRIPLEX HOR       |
| MATERIAL STANDARD          | CAST / CAST / CER |



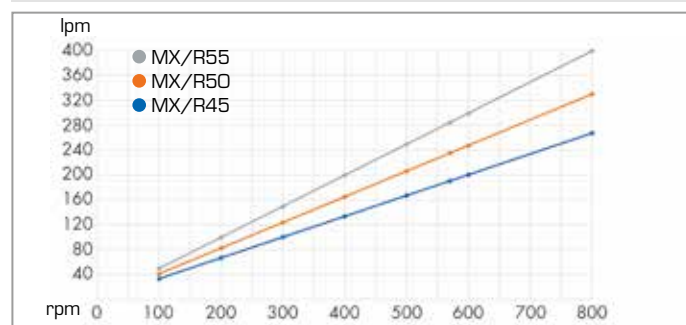
◀ CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.  
SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

## Standard

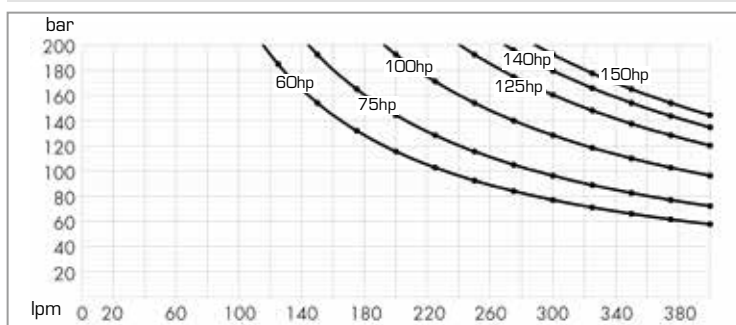
| Pompa<br>Pump | Portata<br>Volume |        | Pressione<br>Pressure |      |        | Gearbox<br>r.p.m. |         |         |         | Potenza<br>Power |     | Peso<br>Weight |
|---------------|-------------------|--------|-----------------------|------|--------|-------------------|---------|---------|---------|------------------|-----|----------------|
|               | L/min             | US Gpm | bar                   | MPa  | p.s.i. | 1:1,875           | 1:2,238 | 1:2,722 | 1:3,211 | hp               | kW  |                |
| <b>MX 32</b>  | 135               | 35.7   | 400                   | 40   | 5800   | 1500 /            | 1800 /  | 2200 /  | 2600    | 140              | 103 | 279            |
| <b>MX 36</b>  | 171               | 45.2   | 350                   | 35   | 5075   | 1500 /            | 1800 /  | 2200 /  | 2600    | 155              | 114 | 279            |
| <b>MX 40</b>  | 211               | 55.7   | 275                   | 27,5 | 4000   | 1500 /            | 1800 /  | 2200 /  | 2600    | 151              | 111 | 279            |
| <b>MX 45</b>  | 267               | 70.5   | 200                   | 20   | 2900   | 1500 /            | 1800 /  | 2200 /  | 2600    | 139              | 102 | 275            |
| <b>MX 50</b>  | 330               | 87.2   | 170                   | 17   | 2465   | 1500 /            | 1800 /  | 2200 /  | 2600    | 145              | 107 | 275            |
| <b>MX 55</b>  | 399               | 105.4  | 140                   | 14   | 2030   | 1500 /            | 1800 /  | 2200 /  | 2600    | 145              | 107 | 275            |

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  
splined shaft 14T 12/24 DP  
1500-1800-2200 rpm



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

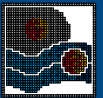


Predisposizione presa di forza  
ausiliaria opposta albero moto  
Auxiliary P.T.O. opposite to  
shaft side

## LETTORE DI GIRI ZRPM1 ZRPM1 REVOLUTION COUNTER

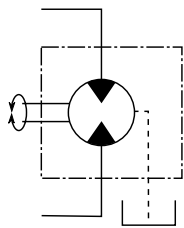


Sensore di prossimità induttivo completo di connettore  
femmina M12, 4 pin, IP67, a cablare, con ghiera  
montaggio M18 x 1 - Alimentazione 12/24 VDC  
Inductive proximity sensor, c/w female connector  
M12 4 pin, IP67, field attachable, ring nut reduction  
M18 x 1 - Power supply 12/24 VDC



# HY-PACK

## HYDRAULIC POWERED PUMPS

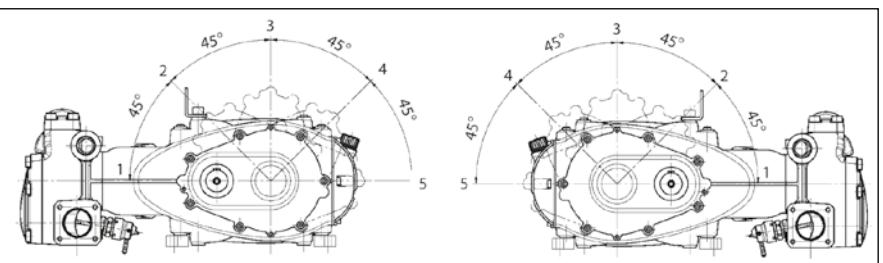


Montaggio standard motori sul lato destro (vedi foto).  
Motor comes standard on the right (see picture).

Filettature motori BSPP  
BSPP porting.

| Mod.  | Volume<br>L/min Gpm |       | Pressure<br>bar p.s.i. |      | Speed<br>r.p.m. | Piston IPH 110 cc.      |                         |            |              | Piston IPH 130 cc.      |                         |            |              | Gear IPH 184 cc.        |                         |            |              |
|-------|---------------------|-------|------------------------|------|-----------------|-------------------------|-------------------------|------------|--------------|-------------------------|-------------------------|------------|--------------|-------------------------|-------------------------|------------|--------------|
|       |                     |       |                        |      |                 | Oil volume<br>L/min Gpm | Oil press<br>bar p.s.i. |            |              | Oil volume<br>L/min Gpm | Oil press<br>bar p.s.i. |            |              | Oil volume<br>L/min Gpm | Oil press<br>bar p.s.i. |            |              |
| MX 32 | 135                 | 35.7  | 400                    | 5800 | 1800<br>2200    | 198<br>242              | 52.3<br>63.9            | 370<br>300 | 5370<br>4350 | 234<br>286              | 61.8<br>75.6            | 310<br>255 | 4495<br>3690 | 331<br>405              | 87.5<br>106.9           | 220<br>180 | 3190<br>2610 |
| MX 36 | 171                 | 45.2  | 350                    | 5075 | 1800<br>2200    | 198<br>242              | 52.3<br>63.9            | 400<br>330 | 5800<br>4810 | 234<br>286              | 61.8<br>75.6            | 345<br>280 | 5000<br>4070 | 331<br>405              | 87.5<br>106.9           | 245<br>200 | 3530<br>2900 |
| MX 40 | 211                 | 55.7  | 275                    | 4000 | 1800<br>2200    | 198<br>242              | 52.3<br>63.9            | 395<br>320 | 5730<br>4640 | 234<br>286              | 61.8<br>75.6            | 335<br>275 | 4860<br>3960 | 331<br>405              | 87.5<br>106.9           | 235<br>195 | 3410<br>2820 |
| MX 45 | 267                 | 70.5  | 200                    | 2900 | 1800<br>2200    | 198<br>242              | 52.3<br>63.9            | 370<br>300 | 5370<br>4350 | 234<br>286              | 61.8<br>75.6            | 320<br>260 | 4640<br>3770 | 331<br>405              | 87.5<br>106.9           | 220<br>180 | 3190<br>2610 |
| MX 50 | 330                 | 87.2  | 170                    | 2465 | 1800<br>2200    | 198<br>242              | 52.3<br>63.9            | 390<br>320 | 5660<br>4640 | 234<br>286              | 61.8<br>75.6            | 330<br>270 | 4790<br>3920 | 331<br>405              | 87.5<br>106.9           | 240<br>190 | 3480<br>2760 |
| MX 55 | 399                 | 105.4 | 140                    | 2030 | 1800<br>2200    | 198<br>242              | 52.3<br>63.9            | 390<br>320 | 5660<br>4640 | 234<br>286              | 61.8<br>75.6            | 330<br>270 | 4790<br>3920 | 331<br>405              | 87.5<br>106.9           | 230<br>190 | 3340<br>2760 |

### GEARBOX POSITIONING



**ACCESSORIES**  
VEDI Pag. 70  
SEE pag. 70

### TUBI ALTA PRESSIONE SPURGO - HIGH PRESSURE SEWER CLEANING HOSES

| PILOTFLEX 120 |             |                    | Long Life |             |                           |
|---------------|-------------|--------------------|-----------|-------------|---------------------------|
| Ø             | Max bar/psi | L (mts)            | Ø         | Max bar/psi | L (mts)                   |
| 3/16"         | 120 - 17500 | 10 - 15 - 20 - 120 | 3/8"      | 280 - 4000  | 40 - 50 - 60 - 80 - 100   |
| 1/4"          |             | 10 - 15 - 20 - 120 | 1/2"      |             | 50 - 60 - 80 - 100 - 120  |
| 5/16"         |             | 10 - 15 - 20 - 120 | 3/4"      |             | 50 - 60 - 80 - 100 - 120  |
|               |             |                    | 1"        |             | 60 - 80 - 100 - 120 - 150 |
|               |             |                    | 1" 1/4"   |             | 60 - 80 - 100 - 120 - 150 |

